

Data Usability Summary Report

Post Creek Characterization January/February 2024 Soil Sampling

Corning, New York
NYSDEC Site No. 851053

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ACRONYMS AND ABBREVIATIONS

ASP	Analytical Services Protocol
DUSR	Data Usability Summary Report
EPA	U.S. Environmental Protection Agency
Eurofins	Eurofins TestAmerica
Integral	Integral Engineering, P.C.
NYSDEC	New York State Department of Environmental Conservation
QAPP	Quality Assurance Project Plan
SDG	sample delivery group
SOP	standard operating procedure
VOC	volatile organic compound

1 INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared by Integral Engineering, P.C. (Integral) on behalf of Corning Incorporated to detail the quality assurance and quality control of analytical data collected within four tax parcels located along New York State Highway 414 from mile post 21.2 to 21.9 and along Post Creek in Corning, New York (the Investigation Area). The Investigation Area is located in the Town of Corning, Steuben County, New York 14830 and encompasses Tax Parcels 282.00-02-042.120, 282.00-02-018.200, 282.00-02-018.120, and 282.00-02-039.000.

Shallow soil, soil boring, and surface soil samples were collected on January 9–12, January 15–16, January 18–19, February 12–16, and February 19–23, 2024. The samples were analyzed by Eurofins TestAmerica in Buffalo, New York, (Eurofins Buffalo), Eurofins TestAmerica in Arvada, Colorado (Eurofins Denver), and Eurofins TestAmerica in Barberton, Ohio (Eurofins Cleveland) in accordance with the Quality Assurance Project Plan (QAPP; Integral 2020). Eurofins Buffalo, Eurofins Denver, and Eurofins Cleveland are certified to conduct project analyses through the New York State Department of Health Environmental Laboratory Approval Program¹ and the National Environmental Laboratory Accreditation Program. Sample preparation, extraction, and analyses were performed using laboratory standard operating procedures (SOPs) in accordance with U.S. Environmental Protection Agency (EPA) methods. Analytical results for these samples are reported in the laboratory data package sample delivery groups (SDGs) and analyses reviewed are listed in Table 1 of each data validation report. The SDGs covered by this report are as follows:

• 480-216346-1	• 480-216499-1	• 480-217082-2
• 480-216346-2	• 480-216499-2	• 480-217085-1
• 480-216347-1	• 480-216520-1	• 480-217085-2
• 480-216347-2	• 480-216520-2	• 480-217121-1
• 480-216365-1	• 480-216526-1	• 480-217170-1
• 480-216365-2	• 480-216526-2	• 480-217179-1
• 480-216420-1	• 480-217080-1	• 480-217206-1
• 480-216420-2	• 480-217082-1	• 480-217227-1

¹ Integral was notified by Eurofins Buffalo on May 21, 2024 that a New York State Department of Health (NYSDOH) laboratory certification deficiency for methods 6010C and 8081B between September 8, 2023 and April 22, 2024 was identified through a NYSDOH audit. During this time period, samples collected on behalf of Corning Incorporated were analyzed by Eurofins Buffalo using those methods. The certification deficiency was not technical in nature and there was no impact on the validity of the reported data.

- 480-217257-1
- 480-217272-1
- 480-217308-1.

All sample analytical results were validated by Environmental Standards, Inc., to ensure adherence to the required protocols and to evaluate usability. Data validation is performed in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC) DER-10 Technical Guidance for Site Investigation and Remediation (NYSDEC 2010a), NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) (NYSDEC 2023), and in accordance with method and QAPP specifications, EPA Region 2 SOPs, and the guidance set forth in the EPA inorganic and organic data validation methods (USEPA 2020a,b). Any exceptions are noted.

2 OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The laboratory data deliverable packages were reviewed for the following:

- Completeness
- Chain-of-custody documents to verify sample identities
- Sample log-in documents to identify potential problems with factors including custody seals, container integrity, sample preservation, and labeling
- Sample analysis methods and holding times
- Method blank data to determine the presence of sources of contamination in the analytical process, where applicable
- Surrogate, laboratory control sample, matrix spike, and serial dilution data as a measure of analytical accuracy, where applicable
- Laboratory and field duplicate data as a measure of analytical and field sampling precision
- Instrument performance and initial and continuing calibration data
- Completeness as a percentage of measurements made that are judged to be valid measurements compared to the total number of measurements planned, where applicable
- Data summary sheets and qualifiers for consistency with raw data and qualifier definitions
- Sample preparation and analysis logs, system performance checks, raw data, mass spectral and target compound identification, and calculations.

Data validation has been completed for the data packages generated by the laboratory containing the samples collected from the Investigation Area in the subject SDGs. Data validation reports have been prepared to document the specific findings from the review of the data packages and the validation of analytical results and are provided in Appendix A.

Data validation was performed by individuals qualified to perform these tasks (Appendix B). The data validators do not have other positions on the project that involve project productivity or profitability as a criterion for job performance.

The verification of the analytical data packages and the data validation procedures performed for the subject SDGs and described in this DUSR meet the requirements of the DER-10 Appendix 2B guidance and indicate the following:

- The laboratory data packages are complete and meet the requirements of a NYSDEC Analytical Services Protocol (ASP) Category B data deliverable, with the exceptions noted in the data validation report associated with SDG 480-216365-1. No data were qualified based on these findings.
- All holding times have been met unless otherwise noted in the appended data validation reports.
- All quality control data including blanks, calibration standards, instrument tunings, calibration verifications, spike recoveries, replicate analyses, laboratory controls, and sample data fall within the protocol limits and specifications unless otherwise noted in the appended data validation reports.
- Evaluation of the raw data confirms the results provided in the data summary sheets and quality control verification forms unless otherwise noted in the appended data validation reports.
- Correct data qualifiers consistent with the NYSDEC ASP have been used in the analytical data package or have been subsequently applied in the validated analytical results summary table.
- Quality control exceedances are specifically noted in the appended data validation reports. Copies of quality control summary forms associated with any exceedances are provided in Appendix A.

Based on validation, qualified sample results are usable as estimated values in conjunction with the qualifiers presented and discussed in this report. Validation qualifiers are described in Section 2 of each data validation report. Summaries of the validated analytical results and qualifiers from the SDGs covered in this DUSR are provided in Section 2 of each data validation report. The rejected sample results are considered unusable. Sample results to which validation qualifiers were not applied met the criteria for those quality control parameters that were evaluated. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability are discussed in each data validation report.

A total of 40,197 results were reported. A total of 6,472 results (16 percent) were qualified as estimated, not detected, or tentatively identified. Some data points were qualified for multiple reasons; therefore, the sum of the qualifiers assigned is greater than the total number of data points qualified. One hundred twenty-two cyanide, metals, pesticides, and volatile organic compound (VOC) results were rejected, and completeness was calculated at greater than 99 percent. The laboratory reported the VOC 1,2,3-trimethylbenzene, which was not requested (and was not detected in any sample); therefore, it was not included in the totals or completeness calculation and is not reported on the validated analytical results tables. Summaries of the validated results are presented in Tables 2-1 through 2-5.

3 REFERENCES

Integral. 2020. Post Creek Characterization Work Plan, NYSDEC Project No. 851053. December 2020.

NYSDEC. 2006. 6 NYCRR PART 375 Environmental Remediation Programs, Subparts 375-1 to 375- 4 & 375-6. New York State Department of Environmental Conservation. December

NYSDEC. 2010a. DER-10 technical guidance for site investigation and remediation. New York State Department of Environmental Conservation. May.

NYSDEC. 2010b. CP-51 / Soil Cleanup Guidance. New York State Department of Environmental Conservation. October.

NYSDEC. 2023. Sampling, analysis, and assessment of per- and polyfluoroalkyl substances (PFAS). New York State Department of Environmental Conservation. April.

USEPA. 2020a. National functional guidelines for inorganic superfund methods data review (using USEPA Region 2 SOP modifications). US EPA 540-R-20-006. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation, Washington, DC.

USEPA. 2020b. National functional guidelines for superfund organic methods data review (using USEPA Region 2 SOP modifications). US EPA 540-R-20-005. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation, Washington, DC.

Tables

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-1	SB-1	SB-1	SB-1
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	FDUP_022224	SB-1-(0-2)	SB-1-(2-4)	SB-1-(4.7-5.4)
						Sample Date	02/22/2024	02/22/2024	02/22/2024	02/22/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.51 <i>U</i>	0.58 <i>U</i>	0.53 <i>U</i>	0.57 <i>U</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						0.013 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						0.0068 <i>U</i>
Dichlorprop	120-36-5									0.011 <i>U</i>
Picloram	1918-02-1									0.0092 <i>U</i>
Silvex	93-72-1	3.8		3.8	500					0.0077 <i>U</i>
Metals (mg/kg)										
Aluminum	7429-90-5		10000				10900 <i>J</i>	13200 <i>J</i>	11300 <i>J</i>	12800 <i>J</i>
Antimony	7440-36-0		12				0.46 <i>UJ</i>	0.5 <i>UJ</i>	0.48 <i>UJ</i>	0.53 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		8.9	9.5	10	4.1
Barium	7440-39-3	350	433	820	400		152 <i>J</i>	176 <i>J</i>	124 <i>J</i>	158 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	590		0.46	0.53	0.47	0.54
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.21 <i>J</i>	0.28	0.21 <i>J</i>	0.17 <i>J</i>
Calcium	7440-70-2		10000				1810 <i>J</i>	2320 <i>J</i>	1410 <i>J</i>	1310 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		13.3	17.5	15.3	15.1
Cobalt	7440-48-4		20				10.4	11.9	12.9	8.6
Copper	7440-50-8	50	50	1720	270		19.7 <i>J</i>	22.1 <i>J</i>	20.3 <i>J</i>	14.4 <i>J</i>
Iron	7439-89-6						20900 <i>J</i>	23900 <i>J</i>	23500 <i>J</i>	18800 <i>J</i>
Lead	7439-92-1	63	63	450	1000		80.4 <i>J</i>	107 <i>J</i>	84.5 <i>J</i>	58.9 <i>J</i>
Magnesium	7439-95-4						2990 <i>J</i>	3390 <i>J</i>	3350 <i>J</i>	2720 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		461 <i>J</i>	551 <i>J</i>	534 <i>J</i>	229 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.082 <i>J</i>	0.034 <i>J</i>	0.02 <i>J</i>	0.052 <i>J</i>
Nickel	7440-02-0	30	30	130	310		23	26.8	27.2	23.3
Potassium	7440-09-7						1080	1280	1190	1010
Selenium	7782-49-2	3.9	3.9	4	1500		0.46 <i>U</i>	0.5 <i>U</i>	0.48 <i>U</i>	0.62 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.23 <i>U</i>	0.25 <i>U</i>	0.24 <i>U</i>	0.26 <i>U</i>
Sodium	7440-23-5						61.2 <i>J</i>	60.9 <i>J</i>	86.5 <i>J</i>	361
Thallium	7440-28-0		5				0.35 <i>U</i>	0.37 <i>U</i>	0.36 <i>U</i>	0.39 <i>U</i>
Vanadium	7440-62-2		39				16.1 <i>J</i>	20.3 <i>J</i>	15.9 <i>J</i>	17.9 <i>J</i>
Zinc	7440-66-6	109	109	2480	10000		65.6	72	64.2	66.7
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-1	SB-1	SB-1	SB-1
							FDUP_022224 02/22/2024	SB-1-(0-2) 02/22/2024	SB-1-(2-4) 02/22/2024	SB-1-(4.7-5.4) 02/22/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									0.00016 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									0.00041 U
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									0.000041 U
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									0.001 U
3:3 perfluorohexanoic acid	356-02-5									0.0002 U
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									0.00016 U
4:2 fluorotelomer sulfonate	757124-72-4									0.00016 U
6:2 Fluorotelomer sulfonic acid	27619-97-2									0.00016 UJ
7:3 FTCA	812-70-4									0.001 U
8:2 Fluorotelomer sulfonic acid	39108-34-4									0.00016 U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									0.00016 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									0.00016 U
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									0.00041 U
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									0.000041 U
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									0.000041 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8									0.000041 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									0.000082 U
Perfluoro-3-methoxypropanoic acid	377-73-1									0.000082 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									0.000082 U
Perfluoro(4-methoxybutanoic) acid	863090-89-5									0.000082 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5									0.000041 U
Perfluorobutanoic acid	375-22-4									0.00016 U
Perfluorodecanesulfonic acid (PFDS)	335-77-3									0.000041 U
Perfluorodecanoic acid	335-76-2									0.000041 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									0.000041 U
Perfluorododecanoic Acid	307-55-1									0.000041 U
Perfluoroheptanesulfonic acid	375-92-8									0.000041 U
Perfluoroheptanoic acid	375-85-9									0.000041 U
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									0.000041 U
Perfluorohexanoic acid	307-24-4									0.000041 U
Perfluorononanesulfonic acid	68259-12-1									0.000041 U
Perfluorononanoic acid	375-95-1									0.000041 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6									0.000041 U
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					0.000041 U
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					0.000041 U
Perfluoropentanesulfonic acid	2706-91-4									0.000041 U
Perfluoropentanoic Acid	2706-90-3									0.000082 U
Perfluorotetradecanoic Acid	376-06-7									0.000041 U
Perfluorotridecanoic Acid	72629-94-8									0.000041 U
Perfluoroundecanoic Acid	2058-94-8									0.000041 U

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-1	SB-1	SB-1	SB-1
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	FDUP_022224 02/22/2024	SB-1-(0-2) 02/22/2024	SB-1-(2-4) 02/22/2024	SB-1-(4.7-5.4) 02/22/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					0.00041 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					0.0006 <i>J</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					0.0005 <i>U</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.68					0.00052 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					0.00038 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	3					0.00038 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					0.0011 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	500					0.0004 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					0.00051 <i>U</i>
Endosulfan I	959-98-8	2.4		102	200					0.00041 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	200					0.00038 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	200					0.0004 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	89					0.00042 <i>U</i>
Endrin aldehyde	7421-93-4									0.00054 <i>U</i>
Endrin ketone	53494-70-5									0.0015 <i>J</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					0.00039 <i>U</i>
gamma-Chlordane	5566-34-7			14						0.0011 <i>J</i>
Heptachlor	76-44-8	0.042	0.14	0.38	15					0.00046 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02						0.00055 <i>U</i>
Methoxychlor	72-43-5		1.2	900						0.00043 <i>U</i>
Toxaphene	8001-35-2									0.012 <i>U</i>
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									51.8 <i>U</i>
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					0.059 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1					0.059 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1					0.059 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1					0.059 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1					0.059 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1					0.14 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1					0.14 <i>U</i>
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.038 <i>U</i>	0.043 <i>U</i>	0.04 <i>U</i>	0.043 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.028 <i>U</i>	0.031 <i>U</i>	0.029 <i>U</i>	0.032 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.048 <i>J</i>	0.078 <i>J</i>	0.026 <i>U</i>	0.028 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.047 <i>U</i>	0.053 <i>U</i>	0.049 <i>U</i>	0.053 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.13 <i>J</i>	0.21	0.02 <i>U</i>	0.039 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.15 <i>J</i>	0.23	0.029 <i>U</i>	0.04 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.17 <i>J</i>	0.3	0.031 <i>U</i>	0.053 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.12 <i>J</i>	0.19 <i>J</i>	0.021 <i>U</i>	0.031 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.082 <i>J</i>	0.14 <i>J</i>	0.026 <i>U</i>	0.031 <i>J</i>
Chrysene	218-01-9	1		1	56		0.11 <i>J</i>	0.21	0.044 <i>U</i>	0.048 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.034 <i>U</i>	0.038 <i>U</i>	0.035 <i>U</i>	0.038 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.19	0.34	0.021 <i>U</i>	0.054 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.022 <i>U</i>	0.025 <i>U</i>	0.023 <i>U</i>	0.025 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.095 <i>J</i>	0.15 <i>J</i>	0.024 <i>U</i>	0.027 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.025 <i>U</i>	0.028 <i>U</i>	0.026 <i>U</i>	0.028 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.068 <i>J</i>	0.097 <i>J</i>	0.029 <i>U</i>	0.032 <i>U</i>
Pyrene	129-00-0	100		1000	500		0.21	0.33	0.023 <i>U</i>	0.055 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.028 <i>U</i>	0.031 <i>U</i>	0.029 <i>U</i>	0.032 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-1	SB-1	SB-1	SB-1
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	FDUP_022224 02/22/2024	SB-1-(0-2) 02/22/2024	SB-1-(2-4) 02/22/2024	SB-1-(4.7-5.4) 02/22/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					0.07 U
2-Chloronaphthalene	91-58-7						0.031 U	0.035 U	0.033 U	0.036 U
2-Chlorophenol	95-57-8		0.8				0.035 U	0.039 U	0.036 U	0.039 U
2-Methylphenol	95-48-7	0.33		0.33	500		0.022 U	0.025 U	0.023 U	0.025 U
2-Nitroaniline	88-74-4			0.4			0.028 U	0.031 U	0.029 U	0.032 U
2-Nitrophenol	88-75-5		7	0.3			0.054 U	0.06 U	0.056 U	0.061 U
2,2'-oxybis(1-Chloropropane)	108-60-1						0.038 U	0.043 U	0.04 U	0.043 U
2,4-Dichlorophenol	120-83-2		20	0.4			0.02 U	0.023 U	0.021 U	0.023 U
2,4-Dimethylphenol	105-67-9						0.046 U	0.052 U	0.048 U	0.052 U
2,4-Dinitrophenol	51-28-5		20	0.2			0.88 UJ	0.99 UJ	0.91 UJ	1 UJ
2,4-Dinitrotoluene	121-14-2						0.039 U	0.044 U	0.041 U	0.045 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.051 U	0.058 U	0.054 U	0.058 U
2,4,6-Trichlorophenol	88-06-2		10				0.038 U	0.043 U	0.04 U	0.043 U
2,6-Dinitrotoluene	606-20-2			1			0.022 U	0.025 U	0.023 U	0.025 U
3-Nitroaniline	99-09-2			0.5			0.053 U	0.059 U	0.055 U	0.06 U
3,3'-Dichlorobenzidine	91-94-1						0.22 U	0.25 U	0.23 U	0.25 U
4-Bromophenyl-phenylether	101-55-3						0.027 U	0.03 U	0.028 U	0.031 U
4-Chloro-3-methylphenol	59-50-7						0.047 U	0.053 U	0.049 U	0.053 U
4-Chloroaniline	106-47-8			0.22			0.047 U	0.053 U	0.049 U	0.053 U
4-Chlorophenyl-phenyl ether	7005-72-3						0.023 U	0.026 U	0.024 U	0.027 U
4-Methylphenol	106-44-5	0.33		0.33	500		0.022 U	0.025 U	0.023 U	0.025 U
4-Nitroaniline	100-01-6						0.1 U	0.11 U	0.1 U	0.11 U
4-Nitrophenol	100-02-7		7	0.1			0.13 U	0.15 U	0.14 U	0.15 U
4,6-Dinitro-O-cresol	534-52-1						0.19 U	0.21 U	0.2 U	0.22 U
Acetophenone	98-86-2						0.026 U	0.029 U	0.027 U	0.029 U
Atrazine	1912-24-9						0.066 U	0.074 U	0.069 U	0.075 U
Benzaldehyde	100-52-7						0.15 UJ	0.17 UJ	0.16 UJ	0.17 UJ
Bis(2-chloroethyl)ether	111-44-4						0.025 U	0.028 U	0.026 U	0.028 U
bis(2-Chloroethoxy)methane	111-91-1						0.04 U	0.045 U	0.042 U	0.046 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.065 U	0.073 U	0.068 U	0.074 U
Butyl benzyl phthalate	85-68-7			122			0.031 U	0.035 U	0.033 U	0.036 U
Carbazole	86-74-8						0.022 U	0.025 U	0.023 U	0.025 U
Caprolactam	105-60-2						0.057 U	0.064 U	0.059 U	0.065 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.032 U	0.037 U	0.034 U	0.037 U
Di-n-octylphthalate	117-84-0			120			0.022 U	0.025 U	0.023 U	0.025 U
Dibenzofuran	132-64-9	7		6.2	350		0.022 U	0.025 U	0.023 U	0.025 U
Diethyl phthalate	84-66-2		100	7.1			0.025 U	0.028 U	0.026 U	0.028 U
Dimethyl phthalate	131-11-3		200	27			0.022 U	0.025 U	0.023 U	0.025 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.026 U	0.029 U	0.027 U	0.029 U
Hexachlorobutadiene	87-68-3						0.028 U	0.031 U	0.029 U	0.032 U
Hexachlorocyclopentadiene	77-47-4		10				0.026 U	0.029 U	0.027 U	0.029 U
Hexachloroethane	67-72-1						0.025 U	0.028 U	0.026 U	0.028 U
Isophorone	78-59-1			4.4			0.04 U	0.045 U	0.042 U	0.046 U
N-Nitrosodi-n-propylamine	621-64-7						0.032 U	0.037 U	0.034 U	0.037 U
N-Nitrosodiphenylamine	86-30-6		20				0.15 U	0.17 U	0.16 U	0.18 U
Nitrobenzene	98-95-3		40	0.17	69		0.021 U	0.024 U	0.022 U	0.024 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.19 U	0.21 U	0.2 U	0.007 U
Phenol	108-95-2	0.33	30	0.33	500		0.029 U	0.033 U	0.03 U	0.033 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-1	SB-1	SB-1	SB-1
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	FDUP_022224 02/22/2024	SB-1-(0-2) 02/22/2024	SB-1-(2-4) 02/22/2024	SB-1-(4.7-5.4) 02/22/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					0.00058 UJ
1,1-Dichloroethene	75-35-4	0.33		0.33	500					0.00058 UJ
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					0.00034 UJ
1,1,1,2-Tetrachloroethane	630-20-6									0.00047 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						0.0011 UJ
1,1,2-Trichloroethane	79-00-5									0.00062 UJ
1,1,2,2-Tetrachloroethane	79-34-5			0.6						0.00077 UJ
1,2-Dibromo-3-chloropropane	96-12-8									0.0024 UJ
1,2-Dibromoethane	106-93-4									0.00061 UJ
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					0.00037 UJ
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					0.00024 UJ
1,2-Dichloropropane	78-87-5		700							0.0024 UJ
1,2,4-Trichlorobenzene	120-82-1		20	3.4						0.00029 UJ
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					0.00091 UJ
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					0.00024 UJ
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					0.00031 UJ
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					0.00066 UJ
2-Butanone	78-93-3	0.12	100	0.3	500					0.0017 UJ
2-Hexanone	591-78-6									0.0024 UJ
4-Methyl-2-pentanone	108-10-1			1						0.0016 UJ
Acetone	67-64-1	0.05	2.2	0.05	500					0.004 UJ
Benzene	71-43-2	0.06	70	0.06	44					0.00023 UJ
Bromodichloromethane	75-27-4									0.00064 UJ
Bromoform	75-25-2									0.0024 UJ
Bromomethane	74-83-9									0.00043 U
Carbon disulfide	75-15-0			2.7						0.0024 UJ
Carbon Tetrachloride	56-23-5	0.76		0.76	22					0.00046 UJ
Chlorobenzene	108-90-7	1.1	40	1.1	500					0.00063 UJ
Chloroethane	75-00-3			1.9						0.0011 UJ
Chloroform	67-66-3	0.37	12	0.37	350					0.00029 UJ
Chloromethane	74-87-3									0.00029 U
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					0.00061 UJ
cis-1,3-Dichloropropene	10061-01-5									0.00068 UJ
Cyclohexane	110-82-7									0.00066 UJ
Dibromochloromethane	124-48-1		10							0.00061 UJ
Dichlorodifluoromethane	75-71-8									0.00039 UJ
Ethylbenzene	100-41-4	1		1	390					0.00033 UJ
Isopropylbenzene	98-82-8			2.3						0.00072 UJ
m,p-Xylene	179601-23-1									0.0008 UJ
Methyl Acetate	79-20-9									0.0029 U
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					0.00047 U
Methylcyclohexane	108-87-2									0.00072 UJ
Methylene Chloride	75-09-2	0.05	12	0.05	500					0.0022 UJ
n-Butylbenzene	104-51-8	12		12	500					0.00041 UJ
n-Propylbenzene	103-65-1	3.9		3.9	500					0.00038 UJ
o-Xylene	95-47-6									0.00062 UJ
sec-Butylbenzene	135-98-8	11		11	500					0.00041 UJ
Styrene	100-42-5		300							0.00024 UJ
tert-Butylbenzene	98-06-6	5.9		5.9	500					0.00049 UJ
Tetrachloroethene	127-18-4	1.3	2	1.3	150					0.00064 UJ

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-1			
							FDUP_022224	SB-1-(0-2)	SB-1-(2-4)	SB-1-(4.7-5.4)
							02/22/2024	02/22/2024	02/22/2024	02/22/2024
Toluene	108-88-3	0.7	36	0.7	500					0.00049 J
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					0.00049 UJ
trans-1,3-Dichloropropene	10061-02-6									0.0021 UJ
Trichloroethylene	79-01-6	0.47	2	0.47	200					0.001 UJ
Trichlorofluoromethane	75-69-4									0.00045 UJ
Vinyl Chloride	75-01-4	0.02		0.02	13					0.00058 UJ
Xylenes	1330-20-7	0.26	0.26	1.6	500					0.0008 UJ

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-10	SB-10	SB-10	SB-10
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	FDUP_021424	SB-10-(0-4)	SB-10-(14-20)	SB-10-(4-14)
						Sample Date	02/14/2024	02/14/2024	02/14/2024	02/14/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.53 <i>U</i>	0.48 <i>U</i>	0.53 <i>U</i>	0.51 <i>U</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						
Dichlorprop	120-36-5									
Picloram	1918-02-1									
Silvex	93-72-1	3.8		3.8	500					
Metals (mg/kg)										
Aluminum	7429-90-5		10000				9500 <i>J</i>	10400 <i>J</i>	9330 <i>J</i>	9910 <i>J</i>
Antimony	7440-36-0		12				0.49 <i>UJ</i>	0.6 <i>J</i>	0.51 <i>UJ</i>	0.44 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		11.7	25.7	12.1	8.5
Barium	7440-39-3	350	433	820	400		171 <i>J</i>	144 <i>J</i>	202 <i>J</i>	156 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	590		0.52 <i>J</i>	0.72 <i>J</i>	0.58 <i>J</i>	0.77 <i>J</i>
Cadmium	7440-43-9	2.5	4	7.5	9.3		1.7	2	1.1	0.71
Calcium	7440-70-2		10000				7790 <i>J</i>	16200 <i>J</i>	10500 <i>J</i>	33000 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		18.1 <i>J</i>	13.7 <i>J</i>	15.1 <i>J</i>	16.3 <i>J</i>
Cobalt	7440-48-4		20				7.9	9.1	8.4	7.3
Copper	7440-50-8	50	50	1720	270		49 <i>J</i>	42.1 <i>J</i>	44.8 <i>J</i>	24.7 <i>J</i>
Iron	7439-89-6						19000 <i>J</i>	24300 <i>J</i>	18400 <i>J</i>	17200 <i>J</i>
Lead	7439-92-1	63	63	450	1000		368 <i>J</i>	450 <i>J</i>	346 <i>J</i>	203 <i>J</i>
Magnesium	7439-95-4						2440 <i>J</i>	5620 <i>J</i>	2760 <i>J</i>	3250 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		412 <i>J</i>	491 <i>J</i>	495 <i>J</i>	440 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.28 <i>J</i>	0.071 <i>J</i>	0.37 <i>J</i>	0.15 <i>J</i>
Nickel	7440-02-0	30	30	130	310		19.1	22	18.9	18.4
Potassium	7440-09-7						1320 <i>J</i>	1420 <i>J</i>	1250 <i>J</i>	1310 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	1500		1 <i>J</i>	1.2 <i>J</i>	1.4 <i>J</i>	0.74 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.24 <i>UJ</i>	0.22 <i>UJ</i>	0.26 <i>UJ</i>	0.22 <i>UJ</i>
Sodium	7440-23-5						135 <i>J</i>	112 <i>J</i>	161 <i>J</i>	138 <i>J</i>
Thallium	7440-28-0		5				0.37 <i>UJ</i>	0.33 <i>UJ</i>	0.38 <i>UJ</i>	0.33 <i>UJ</i>
Vanadium	7440-62-2		39				16.3 <i>J</i>	20.9 <i>J</i>	17 <i>J</i>	19 <i>J</i>
Zinc	7440-66-6	109	109	2480	10000		338 <i>J</i>	734 <i>J</i>	352 <i>J</i>	228 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SB-10	SB-10	SB-10	SB-10
						Sample ID	FDUP_021424	SB-10-(0-4)	SB-10-(14-20)	SB-10-(4-14)
						Sample Date	02/14/2024	02/14/2024	02/14/2024	02/14/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									
3:3 perfluorohexanoic acid	356-02-5									
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									
4:2 fluorotelomer sulfonate	757124-72-4									
6:2 Fluorotelomer sulfonic acid	27619-97-2									
7:3 FTCA	812-70-4									
8:2 Fluorotelomer sulfonic acid	39108-34-4									
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									
N-methylperfluoro-1-octanesulfonamide	31506-32-8									
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									
Perfluoro-3-methoxypropanoic acid	377-73-1									
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									
Perfluoro(4-methoxybutanoic) acid	863090-89-5									
Perfluorobutanesulfonic acid (PFBS)	375-73-5									
Perfluorobutanoic acid	375-22-4									
Perfluorodecanesulfonic acid (PFDS)	335-77-3									
Perfluorodecanoic acid	335-76-2									
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									
Perfluorododecanoic Acid	307-55-1									
Perfluoroheptanesulfonic acid	375-92-8									
Perfluoroheptanoic acid	375-85-9									
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									
Perfluorohexanoic acid	307-24-4									
Perfluorononanesulfonic acid	68259-12-1									
Perfluorononanoic acid	375-95-1									
Perfluorooctanesulfonamide (PFOSA)	754-91-6									
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					
Perfluoropentanesulfonic acid	2706-91-4									
Perfluoropentanoic Acid	2706-90-3									
Perfluorotetradecanoic Acid	376-06-7									
Perfluorotridecanoic Acid	72629-94-8									
Perfluoroundecanoic Acid	2058-94-8									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SB-10	SB-10	SB-10	SB-10
						Sample ID Sample Date	FDUP_021424 02/14/2024	SB-10-(0-4) 02/14/2024	SB-10-(14-20) 02/14/2024	SB-10-(4-14) 02/14/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					
Aldrin	309-00-2	0.005		0.19	0.68					
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					
beta-BHC	319-85-7	0.036	0.6	0.09	3					
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					
delta-BHC	319-86-8	0.04	0.04	0.25	500					
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					
Endosulfan I	959-98-8	2.4		102	200					
Endosulfan II	33213-65-9	2.4		102	200					
Endosulfan sulfate	1031-07-8	2.4		1000	200					
Endrin	72-20-8	0.014	0.014	0.06	89					
Endrin aldehyde	7421-93-4									
Endrin ketone	53494-70-5									
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					
gamma-Chlordane	5566-34-7			14						
Heptachlor	76-44-8	0.042	0.14	0.38	15					
Heptachlor epoxide	1024-57-3			0.02						
Methoxychlor	72-43-5		1.2	900						
Toxaphene	8001-35-2									
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					
Aroclor 1221	11104-28-2	0.1	1	3.2	1					
Aroclor 1232	11141-16-5	0.1	1	3.2	1					
Aroclor 1242	53469-21-9	0.1	1	3.2	1					
Aroclor 1248	12672-29-6	0.1	1	3.2	1					
Aroclor 1254	11097-69-1	0.1	1	3.2	1					
Aroclor 1260	11096-82-5	0.1	1	3.2	1					
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.41 <i>U</i>	0.75 <i>U</i>	0.21 <i>UJ</i>	0.76 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.3 <i>U</i>	0.55 <i>U</i>	0.15 <i>UJ</i>	0.56 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.27 <i>U</i>	0.48 <i>U</i>	0.14 <i>UJ</i>	0.49 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.51 <i>U</i>	0.92 <i>U</i>	0.26 <i>UJ</i>	0.94 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.68 <i>J</i>	0.67 <i>J</i>	0.43 <i>J</i>	0.38 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.79 <i>J</i>	0.84 <i>J</i>	0.46 <i>J</i>	0.56 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		1 <i>J</i>	1.1 <i>J</i>	0.59 <i>J</i>	0.6 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.37 <i>J</i>	0.4 <i>U</i>	0.16 <i>J</i>	0.4 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.51 <i>J</i>	0.52 <i>J</i>	0.31 <i>J</i>	0.49 <i>U</i>
Chrysene	218-01-9	1		1	56		0.77 <i>J</i>	0.84 <i>U</i>	0.51 <i>J</i>	0.85 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.36 <i>U</i>	0.66 <i>U</i>	0.19 <i>UJ</i>	0.67 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		1.6 <i>J</i>	1.1 <i>J</i>	1 <i>J</i>	0.4 <i>U</i>
Fluorene	86-73-7	30	30	386	500		0.24 <i>U</i>	0.44 <i>U</i>	0.12 <i>UJ</i>	0.45 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.32 <i>J</i>	0.46 <i>U</i>	0.15 <i>J</i>	0.47 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.27 <i>U</i>	0.48 <i>U</i>	0.14 <i>UJ</i>	0.49 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.72 <i>J</i>	0.55 <i>U</i>	0.62 <i>J</i>	0.56 <i>U</i>
Pyrene	129-00-0	100		1000	500		0.97 <i>J</i>	0.79 <i>J</i>	0.64 <i>J</i>	0.45 <i>U</i>
1,1'-Biphenyl	92-52-4		60				0.3 <i>U</i>	0.55 <i>U</i>	0.15 <i>UJ</i>	0.56 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-10	SB-10	SB-10	SB-10
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	FDUP_021424 02/14/2024	SB-10-(0-4) 02/14/2024	SB-10-(14-20) 02/14/2024	SB-10-(4-14) 02/14/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					
2-Chloronaphthalene	91-58-7						0.34 U	0.62 U	0.17 UJ	0.63 U
2-Chlorophenol	95-57-8		0.8				0.38 U	0.68 U	0.19 U	0.69 U
2-Methylphenol	95-48-7	0.33		0.33	500		0.24 U	0.44 U	0.12 U	0.45 U
2-Nitroaniline	88-74-4			0.4			0.3 U	0.55 U	0.15 UJ	0.56 U
2-Nitrophenol	88-75-5		7	0.3			0.58 U	1.1 U	0.3 U	1.1 U
2,2'-oxybis(1-Chloropropane)	108-60-1						0.41 U	0.75 U	0.21 UJ	0.76 U
2,4-Dichlorophenol	120-83-2		20	0.4			0.22 U	0.4 U	0.11 U	0.4 U
2,4-Dimethylphenol	105-67-9						0.5 U	0.9 U	0.25 U	0.92 U
2,4-Dinitrophenol	51-28-5		20	0.2			9.5 U	17 U	4.9 U	18 U
2,4-Dinitrotoluene	121-14-2						0.42 U	0.77 U	0.22 UJ	0.78 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.56 U	1 U	0.29 U	1 U
2,4,6-Trichlorophenol	88-06-2		10				0.41 U	0.75 U	0.21 U	0.76 U
2,6-Dinitrotoluene	606-20-2			1			0.24 U	0.44 U	0.12 UJ	0.45 U
3-Nitroaniline	99-09-2			0.5			0.57 U	1 U	0.29 UJ	1.1 U
3,3'-Dichlorobenzidine	91-94-1						2.4 U	4.4 U	1.2 UJ	4.5 U
4-Bromophenyl-phenylether	101-55-3						0.29 U	0.53 U	0.15 UJ	0.54 U
4-Chloro-3-methylphenol	59-50-7						0.51 U	0.92 U	0.26 U	0.94 U
4-Chloroaniline	106-47-8			0.22			0.51 U	0.92 U	0.26 UJ	0.94 U
4-Chlorophenyl-phenyl ether	7005-72-3						0.25 U	0.46 U	0.13 UJ	0.47 U
4-Methylphenol	106-44-5	0.33		0.33	500		0.24 U	0.44 U	0.12 U	0.45 U
4-Nitroaniline	100-01-6						1.1 U	2 U	0.55 UJ	2 U
4-Nitrophenol	100-02-7		7	0.1			1.4 U	2.6 U	0.74 U	2.7 U
4,6-Dinitro-O-cresol	534-52-1						2.1 U	3.7 U	1.1 U	3.8 U
Acetophenone	98-86-2						0.28 U	0.51 U	0.14 UJ	0.52 U
Atrazine	1912-24-9						0.72 U	1.3 U	0.37 UJ	1.3 U
Benzaldehyde	100-52-7						1.6 U	3 U	0.84 UJ	3 U
Bis(2-chloroethyl)ether	111-44-4						0.27 U	0.48 U	0.14 UJ	0.49 U
bis(2-Chloroethoxy)methane	111-91-1						0.44 U	0.79 U	0.22 UJ	0.81 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.7 U	1.3 U	0.36 UJ	1.3 U
Butyl benzyl phthalate	85-68-7			122			0.34 U	0.62 U	0.17 UJ	0.63 J
Carbazole	86-74-8						0.24 U	0.44 U	0.12 UJ	0.45 U
Caprolactam	105-60-2						0.62 U	1.1 U	0.32 UJ	1.1 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.35 U	0.64 U	0.18 UJ	0.65 U
Di-n-octylphthalate	117-84-0			120			0.24 U	0.44 U	0.12 UJ	0.45 U
Dibenzofuran	132-64-9	7		6.2	350		0.24 U	0.44 U	0.12 UJ	0.45 U
Diethyl phthalate	84-66-2		100	7.1			0.27 U	0.48 U	0.14 UJ	0.49 U
Dimethyl phthalate	131-11-3		200	27			0.24 U	0.44 U	0.12 UJ	0.45 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.28 U	0.51 U	0.14 UJ	0.52 U
Hexachlorobutadiene	87-68-3						0.3 U	0.55 U	0.15 UJ	0.56 U
Hexachlorocyclopentadiene	77-47-4		10				0.28 U	0.51 U	0.14 UJ	0.52 U
Hexachloroethane	67-72-1						0.27 U	0.48 U	0.14 UJ	0.49 U
Isophorone	78-59-1			4.4			0.44 U	0.79 U	0.22 UJ	0.81 U
N-Nitrosodi-n-propylamine	621-64-7						0.35 U	0.64 U	0.18 UJ	0.65 U
N-Nitrosodiphenylamine	86-30-6		20				1.7 U	3 U	0.86 UJ	3.1 U
Nitrobenzene	98-95-3		40	0.17	69		0.23 U	0.42 U	0.12 UJ	0.43 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		2.1 U	3.7 U	1.1 U	3.8 U
Phenol	108-95-2	0.33	30	0.33	500		0.32 UJ	0.57 UJ	0.16 UJ	0.58 UJ

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-10	SB-10	SB-10	SB-10
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	FDUP_021424	SB-10-(0-4)	SB-10-(14-20)	SB-10-(4-14)
						Sample Date	02/14/2024	02/14/2024	02/14/2024	02/14/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					
1,1-Dichloroethene	75-35-4	0.33		0.33	500					
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					
1,1,1,2-Tetrachloroethane	630-20-6									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						
1,1,2-Trichloroethane	79-00-5									
1,1,2,2-Tetrachloroethane	79-34-5			0.6						
1,2-Dibromo-3-chloropropane	96-12-8									
1,2-Dibromoethane	106-93-4									
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					
1,2-Dichloropropane	78-87-5		700							
1,2,4-Trichlorobenzene	120-82-1		20	3.4						
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					
2-Butanone	78-93-3	0.12	100	0.3	500					
2-Hexanone	591-78-6									
4-Methyl-2-pentanone	108-10-1			1						
Acetone	67-64-1	0.05	2.2	0.05	500					
Benzene	71-43-2	0.06	70	0.06	44					
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon disulfide	75-15-0			2.7						
Carbon Tetrachloride	56-23-5	0.76		0.76	22					
Chlorobenzene	108-90-7	1.1	40	1.1	500					
Chloroethane	75-00-3			1.9						
Chloroform	67-66-3	0.37	12	0.37	350					
Chloromethane	74-87-3									
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1		10							
Dichlorodifluoromethane	75-71-8									
Ethylbenzene	100-41-4	1		1	390					
Isopropylbenzene	98-82-8			2.3						
m,p-Xylene	179601-23-1									
Methyl Acetate	79-20-9									
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					
Methylcyclohexane	108-87-2									
Methylene Chloride	75-09-2	0.05	12	0.05	500					
n-Butylbenzene	104-51-8	12		12	500					
n-Propylbenzene	103-65-1	3.9		3.9	500					
o-Xylene	95-47-6									
sec-Butylbenzene	135-98-8	11		11	500					
Styrene	100-42-5		300							
tert-Butylbenzene	98-06-6	5.9		5.9	500					
Tetrachloroethene	127-18-4	1.3	2	1.3	150					

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-10	SB-10	SB-10	SB-10
							FDUP_021424	SB-10-(0-4)	SB-10-(14-20)	SB-10-(4-14)
							02/14/2024	02/14/2024	02/14/2024	02/14/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SB-11	SB-11	SB-11	SB-11
						Sample ID	FDUP_021324	FDUP2_021324	SB-11-(0-18)	SB-11-(18-19.6)
						Sample Date	02/13/2024	02/13/2024	02/13/2024	02/13/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.57 <i>UJ</i>	0.5 <i>UJ</i>	0.53 <i>J</i>	0.56 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.012 <i>U</i>	0.013 <i>U</i>	0.012 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0063 <i>U</i>	0.0064 <i>U</i>	0.006 <i>U</i>	
Dichlorprop	120-36-5						0.0099 <i>U</i>	0.01 <i>U</i>	0.0093 <i>U</i>	
Picloram	1918-02-1						0.0085 <i>U</i>	0.0086 <i>U</i>	0.0081 <i>U</i>	
Silvex	93-72-1	3.8		3.8	500		0.0071 <i>U</i>	0.0072 <i>U</i>	0.0067 <i>U</i>	
Metals (mg/kg)										
Aluminum	7429-90-5		10000				12100 <i>J</i>	13500 <i>J</i>	10400 <i>J</i>	5210 <i>J</i>
Antimony	7440-36-0		12				2.1 <i>J</i>	1.5 <i>J</i>	1.7 <i>J</i>	0.52 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		12.1 <i>J</i>	7.4 <i>J</i>	13.6 <i>J</i>	2.3 <i>J</i>
Barium	7440-39-3	350	433	820	400		192 <i>J</i>	180 <i>J</i>	114 <i>J</i>	37 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	590		0.6 <i>J</i>	0.56 <i>J</i>	0.56 <i>J</i>	0.21 <i>J</i>
Cadmium	7440-43-9	2.5	4	7.5	9.3		1.4 <i>J</i>	0.61 <i>J</i>	0.49 <i>J</i>	0.26 <i>J</i>
Calcium	7440-70-2		10000				17400 <i>J</i>	5740 <i>J</i>	7670 <i>J</i>	1660 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		19.6 <i>J</i>	18.3 <i>J</i>	13.4 <i>J</i>	8.5 <i>J</i>
Cobalt	7440-48-4		20				9.2 <i>J</i>	9.6 <i>J</i>	8.5 <i>J</i>	3 <i>J</i>
Copper	7440-50-8	50	50	1720	270		25.8 <i>J</i>	15.4 <i>J</i>	22.4 <i>J</i>	5.2 <i>J</i>
Iron	7439-89-6						22700	23000	17600	6490
Lead	7439-92-1	63	63	450	1000		446 <i>J</i>	42.5 <i>J</i>	286 <i>J</i>	88.7 <i>J</i>
Magnesium	7439-95-4						4090 <i>J</i>	3220 <i>J</i>	3180 <i>J</i>	12500 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		441 <i>J</i>	535 <i>J</i>	287 <i>J</i>	104 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.13	0.034	0.12	0.036
Nickel	7440-02-0	30	30	130	310		22.3 <i>J</i>	53.2 <i>J</i>	20 <i>J</i>	7.1 <i>J</i>
Potassium	7440-09-7						1660 <i>J</i>	1100 <i>J</i>	1460 <i>J</i>	363 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	1500		0.56 <i>J</i>	0.5 <i>UJ</i>	0.53 <i>J</i>	0.52 <i>UJ</i>
Silver	7440-22-4	2	2	8.3	1500		0.4 <i>J</i>	0.36 <i>J</i>	0.28 <i>J</i>	0.26 <i>UJ</i>
Sodium	7440-23-5						127 <i>J</i>	87.3 <i>J</i>	95.7 <i>J</i>	51.1 <i>J</i>
Thallium	7440-28-0		5				0.37 <i>UJ</i>	0.37 <i>UJ</i>	0.35 <i>UJ</i>	0.39 <i>UJ</i>
Vanadium	7440-62-2		39				20.1 <i>J</i>	19 <i>J</i>	19.3 <i>J</i>	6.7 <i>J</i>
Zinc	7440-66-6	109	109	2480	10000		292 <i>J</i>	327 <i>J</i>	85.5 <i>J</i>	92.7 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.01 <i>J</i>		0.023	
Barium	7440-39-3						0.44 <i>J</i>		0.82 <i>J</i>	
Cadmium	7440-43-9						0.011		0.01	
Chromium	7440-47-3						0.01 <i>U</i>		0.01 <i>U</i>	
Lead	7439-92-1						0.58		0.55	
Mercury	7439-97-6						0.000043 <i>U</i>		0.000043 <i>U</i>	
Selenium	7782-49-2						0.0087 <i>U</i>		0.0087 <i>U</i>	
Silver	7440-22-4						0.0017 <i>U</i>		0.0017 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-11	SB-11	SB-11	SB-11
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	FDUP_021324	FDUP2_021324	SB-11-(0-18)	SB-11-(18-19.6)
02/13/2024										
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00013 <i>U</i>	0.00013 <i>U</i>	0.00014 <i>U</i>	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00011 <i>U</i>	0.00011 <i>U</i>	0.00011 <i>U</i>	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000027 <i>U</i>	0.000027 <i>U</i>	0.000028 <i>U</i>	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00039 <i>U</i>	0.0004 <i>U</i>	0.00041 <i>U</i>	
3:3 perfluorohexanoic acid	356-02-5						0.00019 <i>U</i>	0.00019 <i>U</i>	0.0002 <i>U</i>	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.000088 <i>U</i>	0.000089 <i>U</i>	0.000092 <i>U</i>	
4:2 fluorotelomer sulfonate	757124-72-4						0.000083 <i>U</i>	0.000085 <i>U</i>	0.000087 <i>U</i>	
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00052 <i>U</i>	0.00053 <i>U</i>	0.00055 <i>U</i>	
7:3 FTCA	812-70-4						0.00033 <i>U</i>	0.00034 <i>U</i>	0.00035 <i>U</i>	
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00013 <i>U</i>	0.00013 <i>U</i>	0.00013 <i>U</i>	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.000055 <i>U</i>	0.000056 <i>U</i>	0.000058 <i>U</i>	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.0001 <i>U</i>	0.0001 <i>U</i>	0.00011 <i>U</i>	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00012 <i>U</i>	0.00012 <i>UJ</i>	0.00012 <i>U</i>	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000033 <i>UJ</i>	0.000034 <i>UJ</i>	0.000035 <i>U</i>	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000026 <i>U</i>	0.000026 <i>U</i>	0.000027 <i>U</i>	
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000026 <i>U</i>	0.000026 <i>U</i>	0.000027 <i>U</i>	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000052 <i>U</i>	0.000053 <i>U</i>	0.000054 <i>U</i>	
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000098 <i>U</i>	0.0001 <i>U</i>	0.0001 <i>U</i>	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000043 <i>U</i>	0.000044 <i>U</i>	0.000045 <i>U</i>	
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000021 <i>U</i>	0.000021 <i>U</i>	0.000022 <i>U</i>	
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000015 <i>U</i>	0.000015 <i>U</i>	0.000016 <i>U</i>	
Perfluorobutanoic acid	375-22-4						0.00004 <i>U</i>	0.000041 <i>U</i>	0.000042 <i>U</i>	
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000022 <i>U</i>	0.000022 <i>U</i>	0.000023 <i>U</i>	
Perfluorodecanoic acid	335-76-2						0.000081 <i>U</i>	0.000082 <i>U</i>	0.000085 <i>U</i>	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000018 <i>U</i>	0.000019 <i>U</i>	0.000019 <i>U</i>	
Perfluorododecanoic Acid	307-55-1						0.000061 <i>U</i>	0.000062 <i>U</i>	0.000063 <i>U</i>	
Perfluoroheptanesulfonic acid	375-92-8						0.00003 <i>U</i>	0.000031 <i>U</i>	0.000032 <i>U</i>	
Perfluoroheptanoic acid	375-85-9						0.000024 <i>U</i>	0.000024 <i>U</i>	0.000025 <i>U</i>	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000022 <i>U</i>	0.000023 <i>J</i>	0.000023 <i>U</i>	
Perfluorohexanoic acid	307-24-4						0.000023 <i>U</i>	0.000023 <i>U</i>	0.000024 <i>U</i>	
Perfluorononanesulfonic acid	68259-12-1						0.00003 <i>U</i>	0.000031 <i>U</i>	0.000032 <i>U</i>	
Perfluorononanoic acid	375-95-1						0.000013 <i>U</i>	0.000013 <i>U</i>	0.000014 <i>U</i>	
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000013 <i>U</i>	0.000013 <i>U</i>	0.000014 <i>U</i>	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.00018 <i>J</i>	0.000068 <i>U</i>	0.0002 <i>J</i>	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.000062 <i>J</i>	0.000046 <i>U</i>	0.000064 <i>J</i>	
Perfluoropentanesulfonic acid	2706-91-4						0.000014 <i>U</i>	0.000014 <i>U</i>	0.000015 <i>U</i>	
Perfluoropentanoic Acid	2706-90-3						0.000023 <i>U</i>	0.000023 <i>U</i>	0.000024 <i>U</i>	
Perfluorotetradecanoic Acid	376-06-7						0.000018 <i>U</i>	0.000019 <i>U</i>	0.000019 <i>U</i>	
Perfluorotridecanoic Acid	72629-94-8						0.00003 <i>U</i>	0.000031 <i>U</i>	0.000032 <i>U</i>	
Perfluoroundecanoic Acid	2058-94-8						0.00003 <i>U</i>	0.000031 <i>U</i>	0.000032 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-11	SB-11	SB-11	SB-11
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	FDUP_021324 02/13/2024	FDUP2_021324 02/13/2024	SB-11-(0-18) 02/13/2024	SB-11-(18-19.6) 02/13/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.037 J	0.00039 U	0.0073 U	
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.0083 U	0.00042 U	0.0079 U	
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.039	0.00047 U	0.03 J	
Aldrin	309-00-2	0.005	0.14	0.19	0.68		0.0097 U	0.00049 U	0.0092 U	
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.0071 U	0.00036 U	0.0068 U	
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.0071 U	0.00036 U	0.0068 U	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.022 J	0.001 U	0.019 U	
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.0073 U	0.00037 U	0.007 U	
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.0094 U	0.00048 U	0.009 U	
Endosulfan I	959-98-8	2.4		102	200		0.0076 U	0.00039 U	0.0072 U	
Endosulfan II	33213-65-9	2.4		102	200		0.0071 U	0.00036 U	0.0068 U	
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.0073 U	0.00038 U	0.007 U	
Endrin	72-20-8	0.014	0.014	0.06	89		0.0078 U	0.0004 U	0.0074 U	
Endrin aldehyde	7421-93-4						0.01 U	0.00051 U	0.0096 U	
Endrin ketone	53494-70-5						0.0097 U	0.00049 U	0.0092 U	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.012 J	0.00037 U	0.0069 U	
gamma-Chlordane	5566-34-7			14			0.014 J	0.00064 U	0.012 U	
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.0085 U	0.00044 U	0.0081 U	
Heptachlor epoxide	1024-57-3			0.02			0.01 U	0.00052 U	0.0097 U	
Methoxychlor	72-43-5		1.2	900			0.008 U	0.00041 U	0.0077 U	
Toxaphene	8001-35-2						0.23 U	0.012 U	0.22 U	
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM						1040	48.2 U	45.1 U	
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.047 U	0.049 U	0.046 U	
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.047 U	0.049 U	0.046 U	
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.047 U	0.049 U	0.046 U	
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.047 U	0.049 U	0.046 U	
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.047 U	0.049 U	0.046 U	
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.11 U	0.12 U	0.11 U	
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.11 U	0.12 U	0.11 U	
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.83 J	0.04 U	0.38 U	0.043 U
Acenaphthene	83-32-9	20	20	98	500		0.72 J	0.03 U	0.28 U	0.032 U
Acenaphthylene	208-96-8	100		107	500		0.82 J	0.026 U	0.25 U	0.028 U
Anthracene	120-12-7	100		1000	500		2.4	0.05 U	0.47 U	0.054 U
Benzo[a]anthracene	56-55-3	1		1	5.6		5	0.02 U	0.81 J	0.022 U
Benzo[a]pyrene	50-32-8	1	2.6	22	1		4.3	0.03 U	0.8 J	0.032 U
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		5	0.032 U	0.98 J	0.035 U
Benzo[g,h,i]perylene	191-24-2	100		1000	500		2.8	0.021 U	0.62 J	0.023 U
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		2.5	0.026 U	0.47 J	0.028 U
Chrysene	218-01-9	1		1	56		4.8	0.045 U	0.88 J	0.049 U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.9 J	0.036 U	0.34 U	0.038 U
Fluoranthene	206-44-0	100		1000	500		12	0.021 U	1.6 J	0.03 J
Fluorene	86-73-7	30	30	386	500		1.6 J	0.024 U	0.23 U	0.026 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		2.3	0.025 U	0.44 J	0.027 U
Naphthalene	91-20-3	12		12	500		1.9 J	0.026 U	0.25 U	0.028 U
Phenanthrene	85-01-8	100		1000	500		13	0.03 U	1.2 J	0.032 U
Pyrene	129-00-0	100		1000	500		11	0.024 U	1.4 J	0.027 J
1,1'-Biphenyl	92-52-4		60				0.29 U	0.03 U	0.28 U	0.032 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SB-11	SB-11	SB-11	SB-11
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		FDUP_021324 02/13/2024	FDUP2_021324 02/13/2024	SB-11-(0-18) 02/13/2024	SB-11-(18-19.6) 02/13/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		0.64 <i>U</i>	0.065 <i>U</i>	0.62 <i>U</i>	
2-Chloronaphthalene	91-58-7						0.33 <i>U</i>	0.033 <i>U</i>	0.32 <i>U</i>	0.036 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.36 <i>U</i>	0.037 <i>U</i>	0.35 <i>U</i>	0.04 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.23 <i>U</i>	0.024 <i>U</i>	0.23 <i>U</i>	0.026 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.29 <i>U</i>	0.03 <i>U</i>	0.28 <i>U</i>	0.032 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.56 <i>U</i>	0.057 <i>U</i>	0.54 <i>U</i>	0.061 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.4 <i>U</i>	0.04 <i>U</i>	0.38 <i>U</i>	0.043 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.21 <i>U</i>	0.021 <i>U</i>	0.2 <i>U</i>	0.023 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.48 <i>U</i>	0.049 <i>U</i>	0.46 <i>U</i>	0.052 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			9.2 <i>U</i>	0.93 <i>U</i>	8.8 <i>U</i>	1 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.41 <i>U</i>	0.042 <i>U</i>	0.39 <i>U</i>	0.045 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.54 <i>U</i>	0.055 <i>U</i>	0.52 <i>U</i>	0.059 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.4 <i>U</i>	0.04 <i>U</i>	0.38 <i>U</i>	0.043 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.23 <i>U</i>	0.024 <i>U</i>	0.23 <i>U</i>	0.026 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.55 <i>U</i>	0.056 <i>U</i>	0.53 <i>U</i>	0.06 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						2.3 <i>U</i>	0.24 <i>U</i>	2.3 <i>U</i>	0.26 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.28 <i>U</i>	0.029 <i>U</i>	0.27 <i>U</i>	0.031 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.49 <i>U</i>	0.05 <i>U</i>	0.47 <i>U</i>	0.054 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.49 <i>U</i>	0.05 <i>U</i>	0.47 <i>U</i>	0.054 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.25 <i>U</i>	0.025 <i>U</i>	0.24 <i>U</i>	0.027 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.29 <i>J</i>	0.024 <i>U</i>	0.23 <i>U</i>	0.03 <i>J</i>
4-Nitroaniline	100-01-6						1 <i>U</i>	0.11 <i>U</i>	1 <i>U</i>	0.11 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			1.4 <i>U</i>	0.14 <i>U</i>	1.3 <i>U</i>	0.15 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2 <i>U</i>	0.2 <i>U</i>	1.9 <i>U</i>	0.22 <i>U</i>
Acetophenone	98-86-2						0.27 <i>U</i>	0.027 <i>U</i>	0.26 <i>U</i>	0.029 <i>U</i>
Atrazine	1912-24-9						0.69 <i>U</i>	0.07 <i>U</i>	0.66 <i>U</i>	0.075 <i>U</i>
Benzaldehyde	100-52-7						1.6 <i>U</i>	0.16 <i>U</i>	1.5 <i>U</i>	0.17 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.26 <i>U</i>	0.026 <i>U</i>	0.25 <i>U</i>	0.028 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.42 <i>U</i>	0.043 <i>U</i>	0.41 <i>U</i>	0.046 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.68 <i>U</i>	0.069 <i>U</i>	0.65 <i>U</i>	0.074 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.33 <i>U</i>	0.033 <i>U</i>	0.32 <i>U</i>	0.036 <i>U</i>
Carbazole	86-74-8						1.7 <i>J</i>	0.024 <i>U</i>	0.23 <i>U</i>	0.026 <i>U</i>
Caprolactam	105-60-2						0.6 <i>U</i>	0.061 <i>U</i>	0.57 <i>U</i>	0.065 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.34 <i>U</i>	0.035 <i>U</i>	0.33 <i>U</i>	0.037 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.23 <i>U</i>	0.024 <i>U</i>	0.23 <i>U</i>	0.026 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		1.4 <i>J</i>	0.024 <i>U</i>	0.23 <i>U</i>	0.026 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.26 <i>U</i>	0.026 <i>U</i>	0.25 <i>U</i>	0.028 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.23 <i>U</i>	0.024 <i>U</i>	0.23 <i>U</i>	0.026 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.27 <i>U</i>	0.027 <i>U</i>	0.26 <i>U</i>	0.029 <i>U</i>
Hexachlorobutadiene	87-68-3						0.29 <i>U</i>	0.03 <i>U</i>	0.28 <i>U</i>	0.032 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.27 <i>U</i>	0.027 <i>U</i>	0.26 <i>U</i>	0.029 <i>U</i>
Hexachloroethane	67-72-1						0.26 <i>U</i>	0.026 <i>U</i>	0.25 <i>U</i>	0.028 <i>U</i>
Isophorone	78-59-1			4.4			0.42 <i>U</i>	0.043 <i>U</i>	0.41 <i>U</i>	0.046 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.34 <i>U</i>	0.035 <i>U</i>	0.33 <i>U</i>	0.037 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				1.6 <i>U</i>	0.16 <i>U</i>	1.6 <i>U</i>	0.18 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.22 <i>U</i>	0.023 <i>U</i>	0.21 <i>U</i>	0.024 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0092 <i>J</i>	0.0065 <i>U</i>	0.0061 <i>U</i>	0.22 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.3 <i>U</i>	0.031 <i>U</i>	0.29 <i>U</i>	0.033 <i>U</i>

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-11	SB-11	SB-11	SB-11
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	FDUP_021324 02/13/2024	FDUP2_021324 02/13/2024	SB-11-(0-18) 02/13/2024	SB-11-(18-19.6) 02/13/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00047 <i>U</i>	0.00053 <i>U</i>	0.00052 <i>U</i>	
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.00047 <i>U</i>	0.00053 <i>U</i>	0.00052 <i>U</i>	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.00028 <i>U</i>	0.00032 <i>U</i>	0.00031 <i>U</i>	
1,1,1,2-Tetrachloroethane	630-20-6						0.00039 <i>U</i>	0.00043 <i>U</i>	0.00042 <i>U</i>	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.00088 <i>U</i>	0.00099 <i>U</i>	0.00096 <i>U</i>	
1,1,2-Trichloroethane	79-00-5						0.0005 <i>U</i>	0.00056 <i>U</i>	0.00055 <i>U</i>	
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.00063 <i>U</i>	0.0007 <i>U</i>	0.00069 <i>U</i>	
1,2-Dibromo-3-chloropropane	96-12-8						0.0019 <i>U</i>	0.0022 <i>U</i>	0.0021 <i>U</i>	
1,2-Dibromoethane	106-93-4						0.0005 <i>U</i>	0.00056 <i>U</i>	0.00054 <i>U</i>	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.0003 <i>U</i>	0.00034 <i>U</i>	0.00033 <i>U</i>	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00019 <i>U</i>	0.00022 <i>U</i>	0.00021 <i>U</i>	
1,2-Dichloropropane	78-87-5		700				0.0019 <i>U</i>	0.0022 <i>U</i>	0.0021 <i>U</i>	
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00023 <i>U</i>	0.00026 <i>U</i>	0.00026 <i>U</i>	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.00074 <i>U</i>	0.00083 <i>U</i>	0.00081 <i>U</i>	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.0002 <i>U</i>	0.00022 <i>U</i>	0.00022 <i>U</i>	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.00025 <i>U</i>	0.00028 <i>U</i>	0.00027 <i>U</i>	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.00054 <i>U</i>	0.00061 <i>U</i>	0.00059 <i>U</i>	
2-Butanone	78-93-3	0.12	100	0.3	500		0.0014 <i>U</i>	0.0078 <i>J</i>	0.0015 <i>U</i>	
2-Hexanone	591-78-6						0.0019 <i>U</i>	0.0022 <i>U</i>	0.0021 <i>U</i>	
4-Methyl-2-pentanone	108-10-1			1			0.0013 <i>U</i>	0.0014 <i>U</i>	0.0014 <i>U</i>	
Acetone	67-64-1	0.05	2.2	0.05	500		0.0057 <i>J</i>	0.029	0.024	
Benzene	71-43-2	0.06	70	0.06	44		0.00019 <i>U</i>	0.00021 <i>U</i>	0.00021 <i>U</i>	
Bromodichloromethane	75-27-4						0.00052 <i>U</i>	0.00058 <i>U</i>	0.00057 <i>U</i>	
Bromoform	75-25-2						0.0019 <i>U</i>	0.0022 <i>U</i>	0.0021 <i>U</i>	
Bromomethane	74-83-9						0.00035 <i>U</i>	0.00039 <i>U</i>	0.00038 <i>U</i>	
Carbon disulfide	75-15-0			2.7			0.0019 <i>U</i>	0.0022 <i>U</i>	0.0021 <i>U</i>	
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00037 <i>U</i>	0.00042 <i>U</i>	0.00041 <i>U</i>	
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.00051 <i>U</i>	0.00057 <i>U</i>	0.00056 <i>U</i>	
Chloroethane	75-00-3			1.9			0.00087 <i>U</i>	0.00098 <i>U</i>	0.00096 <i>U</i>	
Chloroform	67-66-3	0.37	12	0.37	350		0.00024 <i>U</i>	0.00027 <i>U</i>	0.00026 <i>U</i>	
Chloromethane	74-87-3						0.00023 <i>U</i>	0.00026 <i>U</i>	0.00026 <i>U</i>	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.00049 <i>U</i>	0.00056 <i>U</i>	0.00054 <i>U</i>	
cis-1,3-Dichloropropene	10061-01-5						0.00056 <i>U</i>	0.00063 <i>U</i>	0.00061 <i>U</i>	
Cyclohexane	110-82-7						0.00054 <i>U</i>	0.00061 <i>U</i>	0.00059 <i>U</i>	
Dibromochloromethane	124-48-1		10				0.00049 <i>U</i>	0.00056 <i>U</i>	0.00054 <i>U</i>	
Dichlorodifluoromethane	75-71-8						0.00032 <i>UJ</i>	0.00036 <i>UJ</i>	0.00035 <i>UJ</i>	
Ethylbenzene	100-41-4	1		1	390		0.00027 <i>U</i>	0.0003 <i>U</i>	0.00029 <i>U</i>	
Isopropylbenzene	98-82-8			2.3			0.00058 <i>U</i>	0.00066 <i>U</i>	0.00064 <i>U</i>	
m,p-Xylene	179601-23-1						0.00065 <i>U</i>	0.00073 <i>U</i>	0.00071 <i>U</i>	
Methyl Acetate	79-20-9						0.0023 <i>U</i>	0.0027 <i>J</i>	0.0026 <i>U</i>	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00038 <i>U</i>	0.00043 <i>U</i>	0.00042 <i>U</i>	
Methylcyclohexane	108-87-2						0.00059 <i>U</i>	0.00066 <i>U</i>	0.00064 <i>U</i>	
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.0018 <i>U</i>	0.002 <i>U</i>	0.0019 <i>U</i>	
n-Butylbenzene	104-51-8	12		12	500		0.00034 <i>U</i>	0.00038 <i>U</i>	0.00037 <i>U</i>	
n-Propylbenzene	103-65-1	3.9		3.9	500		0.00031 <i>U</i>	0.00035 <i>U</i>	0.00034 <i>U</i>	
o-Xylene	95-47-6						0.0005 <i>U</i>	0.00057 <i>U</i>	0.00055 <i>U</i>	
sec-Butylbenzene	135-98-8	11		11	500		0.00034 <i>U</i>	0.00038 <i>U</i>	0.00037 <i>U</i>	
Styrene	100-42-5		300				0.00019 <i>U</i>	0.00022 <i>U</i>	0.00021 <i>U</i>	
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.0004 <i>U</i>	0.00045 <i>U</i>	0.00044 <i>U</i>	
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.00052 <i>U</i>	0.00058 <i>U</i>	0.00057 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-11	SB-11	SB-11	SB-11
							FDUP_021324	FDUP2_021324	SB-11-(0-18)	SB-11-(18-19.6)
							02/13/2024	02/13/2024	02/13/2024	02/13/2024
Toluene	108-88-3	0.7	36	0.7	500		0.00029 <i>U</i>	0.00033 <i>U</i>	0.00032 <i>U</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.0004 <i>U</i>	0.00045 <i>U</i>	0.00044 <i>U</i>	
trans-1,3-Dichloropropene	10061-02-6						0.0017 <i>U</i>	0.0019 <i>U</i>	0.0019 <i>U</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.00085 <i>U</i>	0.00096 <i>U</i>	0.00093 <i>U</i>	
Trichlorofluoromethane	75-69-4						0.00036 <i>U</i>	0.00041 <i>U</i>	0.0004 <i>U</i>	
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00047 <i>U</i>	0.00053 <i>U</i>	0.00052 <i>U</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.00065 <i>U</i>	0.00073 <i>U</i>	0.00071 <i>U</i>	

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SB-11	SB-12	SB-12	SB-12
						Sample ID	SB-11-(20-23)	SB-12-(0-14.1)	SB-12-(14.1-15.4)	SB-12-(16-17.1)
						Sample Date	02/13/2024	02/12/2024	02/12/2024	02/12/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.56 <i>UJ</i>	<i>R</i>	<i>R</i>	<i>R</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.013 <i>U</i>	0.011 <i>U</i>		
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0068 <i>U</i>	0.0058 <i>U</i>		
Dichlorprop	120-36-5						0.011 <i>U</i>	0.009 <i>U</i>		
Picloram	1918-02-1						0.0092 <i>U</i>	0.0078 <i>U</i>		
Silvex	93-72-1	3.8		3.8	500		0.0077 <i>U</i>	0.0065 <i>U</i>		
Metals (mg/kg)										
Aluminum	7429-90-5		10000				15200 <i>J</i>	9970	14100	9850
Antimony	7440-36-0		12				1.7 <i>J</i>	1.8 <i>J</i>	1.8 <i>J</i>	0.99 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		6.5 <i>J</i>	9.5	8.3	6.2
Barium	7440-39-3	350	433	820	400		182 <i>J</i>	344 <i>J</i>	182 <i>J</i>	79 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	590		0.65 <i>J</i>	0.72	0.53	0.36
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.28 <i>J</i>	1.4	4.3	0.25
Calcium	7440-70-2		10000				2390 <i>J</i>	17500 <i>J</i>	3160 <i>J</i>	36800 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		17.2 <i>J</i>	19.2	19.6	18.8
Cobalt	7440-48-4		20				10.5 <i>J</i>	8.1	11.8	6.9
Copper	7440-50-8	50	50	1720	270		13.5 <i>J</i>	58.7 <i>J</i>	25.4 <i>J</i>	24.3 <i>J</i>
Iron	7439-89-6						23300	18600	26300	17900
Lead	7439-92-1	63	63	450	1000		25.7 <i>J</i>	2950	117	101
Magnesium	7439-95-4						3420 <i>J</i>	4590	4200	5430
Manganese	7439-96-5	1600	1600	2000	10000		462 <i>J</i>	373 <i>J</i>	589 <i>J</i>	361 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.04	0.092	0.3	0.039
Nickel	7440-02-0	30	30	130	310		30.7 <i>J</i>	26.6	27.3	18.9
Potassium	7440-09-7						1150 <i>J</i>	1170	1490	1110
Selenium	7782-49-2	3.9	3.9	4	1500		0.54 <i>UJ</i>	0.42 <i>U</i>	0.65 <i>J</i>	0.43 <i>U</i>
Silver	7440-22-4	2	2	8.3	1500		0.35 <i>J</i>	1.3	0.25 <i>U</i>	0.21 <i>U</i>
Sodium	7440-23-5						91.7 <i>J</i>	264	71.3 <i>U</i>	120 <i>J</i>
Thallium	7440-28-0		5				0.4 <i>UJ</i>	0.32 <i>U</i>	0.38 <i>U</i>	0.32 <i>U</i>
Vanadium	7440-62-2		39				22 <i>J</i>	29.7	20.5	26.7
Zinc	7440-66-6	109	109	2480	10000		120 <i>J</i>	549	161	101
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SB-11	SB-12	SB-12	SB-12
						Sample ID	SB-11-(20-23)	SB-12-(0-14.1)	SB-12-(14.1-15.4)	SB-12-(16-17.1)
						Sample Date	02/13/2024	02/12/2024	02/12/2024	02/12/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00014 <i>U</i>	0.00012 <i>U</i>		
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00012 <i>U</i>	0.000099 <i>U</i>		
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.00003 <i>U</i>	0.000025 <i>U</i>		
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00044 <i>U</i>	0.00036 <i>U</i>		
3:3 perfluorohexanoic acid	356-02-5						0.00021 <i>U</i>	0.00018 <i>U</i>		
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.000097 <i>U</i>	0.000081 <i>U</i>		
4:2 fluorotelomer sulfonate	757124-72-4						0.000092 <i>U</i>	0.000077 <i>U</i>		
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00058 <i>U</i>	0.00048 <i>U</i>		
7:3 FTCA	812-70-4						0.00037 <i>U</i>	0.00031 <i>U</i>		
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00014 <i>U</i>	0.00012 <i>UJ</i>		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.000061 <i>U</i>	0.000051 <i>U</i>		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00011 <i>U</i>	0.000094 <i>U</i>		
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00013 <i>U</i>	0.00011 <i>U</i>		
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000037 <i>U</i>	0.000031 <i>UJ</i>		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000029 <i>U</i>	0.000024 <i>U</i>		
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000029 <i>U</i>	0.000024 <i>U</i>		
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000057 <i>U</i>	0.000048 <i>U</i>		
Perfluoro-3-methoxypropanoic acid	377-73-1						0.00011 <i>U</i>	0.000091 <i>U</i>		
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000048 <i>U</i>	0.00004 <i>U</i>		
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000023 <i>U</i>	0.000019 <i>U</i>		
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000017 <i>U</i>	0.000014 <i>U</i>		
Perfluorobutanoic acid	375-22-4						0.000044 <i>U</i>	0.000037 <i>U</i>		
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000024 <i>U</i>	0.00002 <i>U</i>		
Perfluorodecanoic acid	335-76-2						0.00009 <i>U</i>	0.000075 <i>U</i>		
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.00002 <i>U</i>	0.000017 <i>U</i>		
Perfluorododecanoic Acid	307-55-1						0.000067 <i>U</i>	0.000056 <i>U</i>		
Perfluoroheptanesulfonic acid	375-92-8						0.000034 <i>U</i>	0.000028 <i>U</i>		
Perfluoroheptanoic acid	375-85-9						0.000026 <i>U</i>	0.000022 <i>U</i>		
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000024 <i>U</i>	0.000022 <i>J</i>		
Perfluorohexanoic acid	307-24-4						0.000025 <i>U</i>	0.000021 <i>U</i>		
Perfluorononanesulfonic acid	68259-12-1						0.000034 <i>U</i>	0.000028 <i>U</i>		
Perfluorononanoic acid	375-95-1						0.000014 <i>U</i>	0.000012 <i>U</i>		
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000014 <i>U</i>	0.000012 <i>U</i>		
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.000071 <i>U</i>	0.00024		
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.00005 <i>U</i>	0.000069 <i>J</i>		
Perfluoropentanesulfonic acid	2706-91-4						0.000016 <i>U</i>	0.000013 <i>U</i>		
Perfluoropentanoic Acid	2706-90-3						0.000025 <i>U</i>	0.000021 <i>U</i>		
Perfluorotetradecanoic Acid	376-06-7						0.00002 <i>U</i>	0.000017 <i>U</i>		
Perfluorotridecanoic Acid	72629-94-8						0.000034 <i>U</i>	0.000028 <i>U</i>		
Perfluoroundecanoic Acid	2058-94-8						0.000034 <i>U</i>	0.000028 <i>U</i>		

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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-11	SB-12	SB-12	SB-12
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SB-11-(20-23)	SB-12-(0-14.1)	SB-12-(14.1-15.4)	SB-12-(16-17.1)
02/13/202402/12/202402/12/202402/12/2024										
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.00057 J	0.018 U		
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.00045 U	0.019 U		
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.0005 U	0.021 U		
Aldrin	309-00-2	0.005	0.14	0.19	0.68		0.00052 U	0.022 U		
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.00038 U	0.016 U		
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.00038 U	0.016 U		
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.0011 U	0.045 U		
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.0004 U	0.017 U		
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.00051 U	0.022 U		
Endosulfan I	959-98-8	2.4		102	200		0.00041 U	0.017 U		
Endosulfan II	33213-65-9	2.4		102	200		0.00038 U	0.016 U		
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.0004 U	0.017 U		
Endrin	72-20-8	0.014	0.014	0.06	89		0.00042 U	0.018 U		
Endrin aldehyde	7421-93-4						0.00055 U	0.023 U		
Endrin ketone	53494-70-5						0.00052 U	0.022 U		
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.00039 U	0.017 U		
gamma-Chlordane	5566-34-7			14			0.00068 U	0.029 U		
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.00046 U	0.02 U		
Heptachlor epoxide	1024-57-3			0.02			0.00055 U	0.023 U		
Methoxychlor	72-43-5		1.2	900			0.00044 U	0.019 U		
Toxaphene	8001-35-2						0.012 U	0.53 U		
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM						51.5 U	43.5 U		
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.045 U	0.048 U		
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.045 U	0.048 U		
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.045 U	0.048 U		
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.045 U	0.048 U		
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.045 U	0.048 U		
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.11 U	0.11 U		
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.11 U	0.11 U		
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.044 U	3.7 U	0.2 U	3.6 U
Acenaphthene	83-32-9	20	20	98	500		0.032 U	2.7 U	0.15 U	2.6 U
Acenaphthylene	208-96-8	100		107	500		0.028 U	2.4 U	0.13 U	2.3 U
Anthracene	120-12-7	100		1000	500		0.054 U	4.5 U	0.24 U	4.4 U
Benzo[a]anthracene	56-55-3	1		1	5.6		0.022 U	1.8 U	0.25 J	1.8 U
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.032 U	2.7 U	0.24 J	2.6 U
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.035 U	2.9 U	0.27 J	2.9 U
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.023 U	1.9 U	0.14 J	1.9 U
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.028 U	2.4 U	0.13 U	2.3 U
Chrysene	218-01-9	1		1	56		0.049 U	4.1 U	0.24 J	4 U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.039 U	3.2 U	0.17 U	3.2 U
Fluoranthene	206-44-0	100		1000	500		0.023 U	1.9 U	0.58 J	1.9 U
Fluorene	86-73-7	30	30	386	500		0.026 U	2.2 U	0.12 U	2.1 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.027 U	2.3 U	0.16 J	2.2 U
Naphthalene	91-20-3	12		12	500		0.028 U	2.4 U	0.13 U	2.3 U
Phenanthrene	85-01-8	100		1000	500		0.032 U	2.7 U	0.44 J	2.6 U
Pyrene	129-00-0	100		1000	500		0.026 U	2.2 U	0.44 J	2.1 U
1,1'-Biphenyl	92-52-4		60				0.032 U	2.7 U	0.15 U	2.6 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-11	SB-12	SB-12	SB-12
							SB-11-(20-23) 02/13/2024	SB-12-(0-14.1) 02/12/2024	SB-12-(14.1-15.4) 02/12/2024	SB-12-(16-17.1) 02/12/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		0.071 U	5.9 U		
2-Chloronaphthalene	91-58-7						0.036 U	3 U	0.16 U	3 U
2-Chlorophenol	95-57-8		0.8				0.04 U	3.3 U	0.18 U	3.3 U
2-Methylphenol	95-48-7	0.33		0.33	500		0.026 U	2.2 U	0.12 U	2.1 U
2-Nitroaniline	88-74-4			0.4			0.032 U	2.7 U	0.15 U	2.6 U
2-Nitrophenol	88-75-5		7	0.3			0.062 U	5.2 U	0.28 U	5.1 U
2,2'-oxybis(1-Chloropropane)	108-60-1						0.044 U	3.7 U	0.2 U	3.6 U
2,4-Dichlorophenol	120-83-2		20	0.4			0.023 U	1.9 U	0.1 U	1.9 U
2,4-Dimethylphenol	105-67-9						0.053 U	4.4 U	0.24 U	4.3 U
2,4-Dinitrophenol	51-28-5		20	0.2			1 U	84 U	4.6 U	83 U
2,4-Dinitrotoluene	121-14-2						0.045 U	3.8 U	0.2 U	3.7 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.059 U	4.9 U	0.27 U	4.9 U
2,4,6-Trichlorophenol	88-06-2		10				0.044 U	3.7 U	0.2 U	3.6 U
2,6-Dinitrotoluene	606-20-2			1			0.026 U	2.2 U	0.12 U	2.1 U
3-Nitroaniline	99-09-2			0.5			0.06 U	5.1 U	0.27 U	5 U
3,3'-Dichlorobenzidine	91-94-1						0.26 U	22 U	1.2 U	21 U
4-Bromophenyl-phenylether	101-55-3						0.031 U	2.6 U	0.14 U	2.5 U
4-Chloro-3-methylphenol	59-50-7						0.054 U	4.5 U	0.24 U	4.4 U
4-Chloroaniline	106-47-8			0.22			0.054 U	4.5 U	0.24 U	4.4 U
4-Chlorophenyl-phenyl ether	7005-72-3						0.027 U	2.3 U	0.12 U	2.2 U
4-Methylphenol	106-44-5	0.33		0.33	500		0.026 U	2.2 U	0.12 U	2.1 U
4-Nitroaniline	100-01-6						0.11 U	9.6 U	0.52 U	9.4 U
4-Nitrophenol	100-02-7		7	0.1			0.15 U	13 U	0.69 U	13 U
4,6-Dinitro-O-cresol	534-52-1						0.22 U	18 U	0.99 U	18 U
Acetophenone	98-86-2						0.03 U	2.5 U	0.13 U	2.4 U
Atrazine	1912-24-9						0.076 U	6.3 U	0.34 U	6.3 U
Benzaldehyde	100-52-7						0.17 U	15 U	0.78 U	14 U
Bis(2-chloroethyl)ether	111-44-4						0.028 U	2.4 U	0.13 U	2.3 U
bis(2-Chloroethoxy)methane	111-91-1						0.046 U	3.9 U	0.21 U	3.8 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.075 U	6.2 U	0.34 U	6.1 U
Butyl benzyl phthalate	85-68-7			122			0.036 U	3 U	0.16 U	3 U
Carbazole	86-74-8						0.026 U	2.2 U	0.12 U	2.1 U
Caprolactam	105-60-2						0.066 U	5.5 U	0.3 U	5.4 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.037 U	3.1 U	0.42 J	3.1 U
Di-n-octylphthalate	117-84-0			120			0.026 U	2.2 U	0.12 U	2.1 U
Dibenzofuran	132-64-9	7		6.2	350		0.026 U	2.2 U	0.12 U	2.1 U
Diethyl phthalate	84-66-2		100	7.1			0.028 U	2.4 U	0.13 U	2.3 U
Dimethyl phthalate	131-11-3		200	27			0.026 U	2.2 U	0.12 U	2.1 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.03 U	2.5 U	0.13 U	2.4 U
Hexachlorobutadiene	87-68-3						0.032 U	2.7 U	0.15 U	2.6 U
Hexachlorocyclopentadiene	77-47-4		10				0.03 U	2.5 U	0.13 U	2.4 U
Hexachloroethane	67-72-1						0.028 U	2.4 U	0.13 U	2.3 U
Isophorone	78-59-1			4.4			0.046 U	3.9 U	0.21 U	3.8 U
N-Nitrosodi-n-propylamine	621-64-7						0.037 U	3.1 U	0.17 U	3.1 U
N-Nitrosodiphenylamine	86-30-6		20				0.18 U	15 U	0.8 U	15 U
Nitrobenzene	98-95-3		40	0.17	69		0.024 U	2 U	0.11 U	2 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0069 U	0.0059 U	0.99 U	18 U
Phenol	108-95-2	0.33	30	0.33	500		0.033 U	2.8 U	0.15 U	2.8 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-11	SB-12	SB-12	SB-12
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SB-11-(20-23) 02/13/2024	SB-12-(0-14.1) 02/12/2024	SB-12-(14.1-15.4) 02/12/2024	SB-12-(16-17.1) 02/12/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00054 <i>U</i>	0.00064 <i>U</i>		
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.00054 <i>U</i>	0.00064 <i>U</i>		
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.00032 <i>U</i>	0.00038 <i>UJ</i>		
1,1,1,2-Tetrachloroethane	630-20-6						0.00044 <i>U</i>	0.00052 <i>UJ</i>		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.001 <i>U</i>	0.0012 <i>UJ</i>		
1,1,2-Trichloroethane	79-00-5						0.00057 <i>U</i>	0.00068 <i>UJ</i>		
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.00071 <i>U</i>	0.00085 <i>UJ</i>		
1,2-Dibromo-3-chloropropane	96-12-8						0.0022 <i>U</i>	0.0026 <i>UJ</i>		
1,2-Dibromoethane	106-93-4						0.00056 <i>U</i>	0.00067 <i>UJ</i>		
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.00034 <i>U</i>	0.00041 <i>UJ</i>		
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00022 <i>U</i>	0.00026 <i>UJ</i>		
1,2-Dichloropropane	78-87-5		700				0.0022 <i>U</i>	0.0026 <i>UJ</i>		
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00027 <i>U</i>	<i>R</i>		
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.00084 <i>U</i>	0.001 <i>UJ</i>		
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.00023 <i>U</i>	0.00027 <i>UJ</i>		
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.00028 <i>U</i>	0.00034 <i>UJ</i>		
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.00061 <i>U</i>	0.00073 <i>UJ</i>		
2-Butanone	78-93-3	0.12	100	0.3	500		0.011 <i>J</i>	0.0019 <i>UJ</i>		
2-Hexanone	591-78-6						0.0022 <i>U</i>	0.0026 <i>UJ</i>		
4-Methyl-2-pentanone	108-10-1			1			0.0014 <i>U</i>	0.0017 <i>UJ</i>		
Acetone	67-64-1	0.05	2.2	0.05	500		0.046	0.0044 <i>UJ</i>		
Benzene	71-43-2	0.06	70	0.06	44		0.00022 <i>U</i>	0.00026 <i>UJ</i>		
Bromodichloromethane	75-27-4						0.00059 <i>U</i>	0.0007 <i>UJ</i>		
Bromoform	75-25-2						0.0022 <i>U</i>	0.0026 <i>UJ</i>		
Bromomethane	74-83-9						0.0004 <i>U</i>	0.00047 <i>U</i>		
Carbon disulfide	75-15-0			2.7			0.0022 <i>U</i>	0.0026 <i>UJ</i>		
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00042 <i>U</i>	0.00051 <i>UJ</i>		
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.00058 <i>U</i>	0.00069 <i>UJ</i>		
Chloroethane	75-00-3			1.9			0.00099 <i>U</i>	0.0012 <i>UJ</i>		
Chloroform	67-66-3	0.37	12	0.37	350		0.00027 <i>U</i>	0.00032 <i>UJ</i>		
Chloromethane	74-87-3						0.00027 <i>U</i>	0.00032 <i>U</i>		
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.00056 <i>U</i>	0.00067 <i>UJ</i>		
cis-1,3-Dichloropropene	10061-01-5						0.00063 <i>U</i>	0.00075 <i>UJ</i>		
Cyclohexane	110-82-7						0.00061 <i>U</i>	0.00073 <i>UJ</i>		
Dibromochloromethane	124-48-1		10				0.00056 <i>U</i>	0.00067 <i>UJ</i>		
Dichlorodifluoromethane	75-71-8						0.00036 <i>UJ</i>	0.00043 <i>UJ</i>		
Ethylbenzene	100-41-4	1		1	390		0.0003 <i>U</i>	0.00036 <i>UJ</i>		
Isopropylbenzene	98-82-8			2.3			0.00066 <i>U</i>	0.00079 <i>UJ</i>		
m,p-Xylene	179601-23-1						0.00074 <i>U</i>	0.00088 <i>UJ</i>		
Methyl Acetate	79-20-9						0.0027 <i>U</i>	0.0032 <i>U</i>		
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00043 <i>U</i>	0.00051 <i>U</i>		
Methylcyclohexane	108-87-2						0.00067 <i>U</i>	0.0008 <i>UJ</i>		
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.002 <i>U</i>	0.0024 <i>U</i>		
n-Butylbenzene	104-51-8	12		12	500		0.00038 <i>U</i>	0.00046 <i>UJ</i>		
n-Propylbenzene	103-65-1	3.9		3.9	500		0.00035 <i>U</i>	0.00042 <i>UJ</i>		
o-Xylene	95-47-6						0.00057 <i>U</i>	0.00068 <i>UJ</i>		
sec-Butylbenzene	135-98-8	11		11	500		0.00038 <i>U</i>	0.00046 <i>UJ</i>		
Styrene	100-42-5		300				0.00022 <i>U</i>	0.00026 <i>UJ</i>		
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.00046 <i>U</i>	0.00054 <i>UJ</i>		
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.00059 <i>U</i>	0.0007 <i>UJ</i>		

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-11	SB-12	SB-12	SB-12
							SB-11-(20-23)	SB-12-(0-14.1)	SB-12-(14.1-15.4)	SB-12-(16-17.1)
							02/13/2024	02/12/2024	02/12/2024	02/12/2024
Toluene	108-88-3	0.7	36	0.7	500		0.00033 <i>U</i>	0.0004 <i>UJ</i>		
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.00045 <i>U</i>	0.00054 <i>UJ</i>		
trans-1,3-Dichloropropene	10061-02-6						0.0019 <i>U</i>	0.0023 <i>UJ</i>		
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.00097 <i>U</i>	0.0012 <i>UJ</i>		
Trichlorofluoromethane	75-69-4						0.00042 <i>U</i>	0.0005 <i>U</i>		
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00054 <i>U</i>	0.00064 <i>U</i>		
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.00074 <i>U</i>	0.00088 <i>UJ</i>		

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SB-12	SB-12	SB-2	SB-2
						Sample ID	SB-12-(17.1-22.2)	SB-12-(22.2-28)	FDUP2_022224	SB-2-(0-2)
						Sample Date	02/12/2024	02/12/2024	02/22/2024	02/22/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		R	R	0.55 U	0.56 U
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5				0.016 U		
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9				0.0081 U		
Dichlorprop	120-36-5							0.013 U		
Picloram	1918-02-1							0.011 U		
Silvex	93-72-1	3.8		3.8	500			0.0091 U		
Metals (mg/kg)										
Aluminum	7429-90-5		10000				17300	17900	8860 J	7700 J
Antimony	7440-36-0		12				12 J	5.9 J	0.55 J	1.4 J
Arsenic	7440-38-2	13	13	16	16		7	12.5	8.7	17.5
Barium	7440-39-3	350	433	820	400		208 J	176 J	95.2 J	90.1 J
Beryllium	7440-41-7	7.2	10	47	590		0.67	0.74	0.62	0.49
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.54	0.84	0.98	1.6
Calcium	7440-70-2		10000				2980 J	1550 J	3920 J	3580 J
Chromium ^g	7440-47-3	1	1	19	400		20.7	22.2	11.8	13.8
Cobalt	7440-48-4		20				11.7	12.4	8.4	7.4
Copper	7440-50-8	50	50	1720	270		18.3 J	29.9 J	44.6 J	28.8 J
Iron	7439-89-6						26700	27800	14100 J	47200 J
Lead	7439-92-1	63	63	450	1000		88.5	42.6	132 J	226 J
Magnesium	7439-95-4						3430	3840	2030 J	1780 J
Manganese	7439-96-5	1600	1600	2000	10000		307 J	352 J	334 J	411 J
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.092	0.053	0.12 J	0.16 J
Nickel	7440-02-0	30	30	130	310		25.4	31.5	18.2	18.7
Potassium	7440-09-7						1650	1890	965	963
Selenium	7782-49-2	3.9	3.9	4	1500		1.2 J	0.59 U	0.78 J	1 J
Silver	7440-22-4	2	2	8.3	1500		0.29 U	0.38 J	0.25 U	0.27 U
Sodium	7440-23-5						113 J	113 J	79.9 J	66.6 J
Thallium	7440-28-0		5				0.44 U	0.44 U	0.37 U	0.4 U
Vanadium	7440-62-2		39				25.5	25.8	16.9 J	28.2 J
Zinc	7440-66-6	109	109	2480	10000		115	114	67	69.5
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-12	SB-12	SB-2	SB-2
							SB-12-(17.1-22.2) 02/12/2024	SB-12-(22.2-28) 02/12/2024	FDUP2_022224 02/22/2024	SB-2-(0-2) 02/22/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00017	U	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00014	U	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000035	U	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.00051	U	
3:3 perfluorohexanoic acid	356-02-5							0.00025	U	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.00011	U	
4:2 fluorotelomer sulfonate	757124-72-4							0.00011	U	
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.00068	U	
7:3 FTCA	812-70-4							0.00043	U	
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00016	U	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.000071	U	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.00013	U	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00015	U	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000043	UJ	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000033	U	
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000033	U	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.000067	U	
Perfluoro-3-methoxypropanoic acid	377-73-1							0.00013	U	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.000056	U	
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.000026	U	
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.00002	U	
Perfluorobutanoic acid	375-22-4							0.000052	U	
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000028	U	
Perfluorodecanoic acid	335-76-2							0.0001	U	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000024	U	
Perfluorododecanoic Acid	307-55-1							0.000078	U	
Perfluoroheptanesulfonic acid	375-92-8							0.000039	U	
Perfluoroheptanoic acid	375-85-9							0.000031	U	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000028	U	
Perfluorohexanoic acid	307-24-4							0.000029	U	
Perfluorononanesulfonic acid	68259-12-1							0.000039	U	
Perfluorononanoic acid	375-95-1							0.000017	U	
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.000017	U	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44			0.000078	U	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5			0.000059	U	
Perfluoropentanesulfonic acid	2706-91-4							0.000018	U	
Perfluoropentanoic Acid	2706-90-3							0.000029	U	
Perfluorotetradecanoic Acid	376-06-7							0.000024	UJ	
Perfluorotridecanoic Acid	72629-94-8							0.000039	UJ	
Perfluoroundecanoic Acid	2058-94-8							0.000039	U	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-12	SB-12	SB-2	SB-2
							SB-12-(17.1-22.2) 02/12/2024	SB-12-(22.2-28) 02/12/2024	FDUP2_022224 02/22/2024	SB-2-(0-2) 02/22/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92			0.00049	U	
4,4'-DDE	72-55-9	0.0033	0.0033	17	62			0.00053	U	
4,4'-DDT	50-29-3	0.0033	0.0033	136	47			0.00059	U	
Aldrin	309-00-2	0.005		0.19	0.68			0.00062	U	
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4			0.00046	U	
beta-BHC	319-85-7	0.036	0.6	0.09	3			0.00046	U	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24			0.0013	U	
delta-BHC	319-86-8	0.04	0.04	0.25	500			0.00047	U	
Dieldrin	60-57-1	0.005	0.006	0.1	1.4			0.00061	U	
Endosulfan I	959-98-8	2.4		102	200			0.00049	U	
Endosulfan II	33213-65-9	2.4		102	200			0.00046	U	
Endosulfan sulfate	1031-07-8	2.4		1000	200			0.00047	U	
Endrin	72-20-8	0.014	0.014	0.06	89			0.0005	U	
Endrin aldehyde	7421-93-4							0.00065	U	
Endrin ketone	53494-70-5							0.00062	U	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2			0.00046	U	
gamma-Chlordane	5566-34-7			14				0.0008	U	
Heptachlor	76-44-8	0.042	0.14	0.38	15			0.00055	U	
Heptachlor epoxide	1024-57-3			0.02				0.00065	U	
Methoxychlor	72-43-5		1.2	900				0.00052	U	
Toxaphene	8001-35-2							0.015	U	
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM							61.5	U	
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1			0.061	U	
Aroclor 1221	11104-28-2	0.1	1	3.2	1			0.061	U	
Aroclor 1232	11141-16-5	0.1	1	3.2	1			0.061	U	
Aroclor 1242	53469-21-9	0.1	1	3.2	1			0.061	U	
Aroclor 1248	12672-29-6	0.1	1	3.2	1			0.061	U	
Aroclor 1254	11097-69-1	0.1	1	3.2	1			0.15	U	
Aroclor 1260	11096-82-5	0.1	1	3.2	1			0.15	U	
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.048	U		0.043
Acenaphthene	83-32-9	20	20	98	500		0.035	U		0.032
Acenaphthylene	208-96-8	100		107	500		0.031	U		0.056
Anthracene	120-12-7	100		1000	500		0.059	U		0.11
Benzo[a]anthracene	56-55-3	1		1	5.6		0.024	U		0.48
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.035	U		0.44
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.038	U		0.53
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.025	U		0.27
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.031	U		0.27
Chrysene	218-01-9	1		1	56		0.054	U		0.45
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.042	U		0.038
Fluoranthene	206-44-0	100		1000	500		0.025	U		1
Fluorene	86-73-7	30	30	386	500		0.028	U		0.03
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.03	U		0.24
Naphthalene	91-20-3	12		12	500		0.031	U		0.028
Phenanthrene	85-01-8	100		1000	500		0.035	U		0.38
Pyrene	129-00-0	100		1000	500		0.028	U		0.89
1,1'-Biphenyl	92-52-4		60				0.035	U		0.032

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-12	SB-12	SB-2	SB-2
							SB-12-(17.1-22.2)	SB-12-(22.2-28)	FDUP2_022224	SB-2-(0-2)
							02/12/2024	02/12/2024	02/22/2024	02/22/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130			0.083 <i>U</i>		
2-Chloronaphthalene	91-58-7						0.039 <i>U</i>	0.042 <i>U</i>	0.17 <i>U</i>	0.035 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.044 <i>U</i>	0.047 <i>U</i>	0.19 <i>U</i>	0.039 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.028 <i>U</i>	0.03 <i>U</i>	0.12 <i>U</i>	0.025 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.035 <i>U</i>	0.038 <i>U</i>	0.15 <i>U</i>	0.032 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.068 <i>U</i>	0.073 <i>U</i>	0.29 <i>U</i>	0.061 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.048 <i>U</i>	0.051 <i>U</i>	0.21 <i>U</i>	0.043 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.025 <i>U</i>	0.027 <i>U</i>	0.11 <i>U</i>	0.023 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.058 <i>U</i>	0.062 <i>U</i>	0.25 <i>U</i>	0.052 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			1.1 <i>U</i>	1.2 <i>U</i>	4.7 <i>UJ</i>	0.99 <i>UJ</i>
2,4-Dinitrotoluene	121-14-2						0.049 <i>U</i>	0.053 <i>U</i>	0.21 <i>U</i>	0.044 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.065 <i>U</i>	0.07 <i>U</i>	0.28 <i>U</i>	0.058 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.048 <i>U</i>	0.051 <i>U</i>	0.21 <i>U</i>	0.043 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.028 <i>U</i>	0.03 <i>U</i>	0.12 <i>U</i>	0.025 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.066 <i>U</i>	0.071 <i>U</i>	0.28 <i>U</i>	0.06 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						0.28 <i>U</i>	0.3 <i>U</i>	1.2 <i>U</i>	0.25 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.034 <i>U</i>	0.036 <i>U</i>	0.14 <i>U</i>	0.03 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.059 <i>U</i>	0.064 <i>U</i>	0.25 <i>U</i>	0.053 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.059 <i>U</i>	0.064 <i>U</i>	0.25 <i>U</i>	0.053 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.03 <i>U</i>	0.032 <i>U</i>	0.13 <i>U</i>	0.027 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.028 <i>U</i>	0.03 <i>U</i>	0.12 <i>U</i>	0.025 <i>U</i>
4-Nitroaniline	100-01-6						0.13 <i>U</i>	0.13 <i>U</i>	0.54 <i>U</i>	0.11 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.17 <i>U</i>	0.18 <i>U</i>	0.72 <i>U</i>	0.15 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.24 <i>U</i>	0.26 <i>U</i>	1 <i>U</i>	0.22 <i>U</i>
Acetophenone	98-86-2						0.032 <i>U</i>	0.035 <i>U</i>	0.14 <i>U</i>	0.029 <i>U</i>
Atrazine	1912-24-9						0.083 <i>U</i>	0.089 <i>U</i>	0.36 <i>U</i>	0.075 <i>U</i>
Benzaldehyde	100-52-7						0.19 <i>U</i>	0.2 <i>U</i>	0.82 <i>UJ</i>	0.17 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.031 <i>U</i>	0.033 <i>U</i>	0.13 <i>U</i>	0.028 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.051 <i>U</i>	0.054 <i>U</i>	0.22 <i>U</i>	0.046 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.082 <i>U</i>	0.088 <i>U</i>	0.35 <i>U</i>	0.073 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.039 <i>U</i>	0.042 <i>U</i>	0.17 <i>U</i>	0.035 <i>U</i>
Carbazole	86-74-8						0.028 <i>U</i>	0.03 <i>U</i>	0.12 <i>U</i>	0.033 <i>J</i>
Caprolactam	105-60-2						0.072 <i>U</i>	0.077 <i>U</i>	0.31 <i>U</i>	0.065 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.041 <i>U</i>	0.044 <i>U</i>	0.18 <i>U</i>	0.037 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.028 <i>U</i>	0.03 <i>U</i>	0.12 <i>U</i>	0.025 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.028 <i>U</i>	0.03 <i>U</i>	0.12 <i>U</i>	0.025 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.031 <i>U</i>	0.033 <i>U</i>	0.13 <i>U</i>	0.028 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.028 <i>U</i>	0.03 <i>U</i>	0.12 <i>U</i>	0.025 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.032 <i>U</i>	0.035 <i>U</i>	0.14 <i>U</i>	0.029 <i>U</i>
Hexachlorobutadiene	87-68-3						0.035 <i>U</i>	0.038 <i>U</i>	0.15 <i>U</i>	0.032 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.032 <i>U</i>	0.035 <i>U</i>	0.14 <i>U</i>	0.029 <i>U</i>
Hexachloroethane	67-72-1						0.031 <i>U</i>	0.033 <i>U</i>	0.13 <i>U</i>	0.028 <i>U</i>
Isophorone	78-59-1			4.4			0.051 <i>U</i>	0.054 <i>U</i>	0.22 <i>U</i>	0.046 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.041 <i>U</i>	0.044 <i>U</i>	0.18 <i>U</i>	0.037 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.19 <i>U</i>	0.21 <i>U</i>	0.83 <i>U</i>	0.17 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.027 <i>U</i>	0.029 <i>U</i>	0.11 <i>U</i>	0.024 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.24 <i>U</i>	0.0082 <i>U</i>	1 <i>U</i>	0.22 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.037 <i>U</i>	0.039 <i>U</i>	0.16 <i>U</i>	0.033 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SB-12	SB-12	SB-2	SB-2
						Sample ID	SB-12-(17.1-22.2)	SB-12-(22.2-28)	FDUP2_022224	SB-2-(0-2)
						Sample Date	02/12/2024	02/12/2024	02/22/2024	02/22/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240			0.00033	U	
1,1-Dichloroethene	75-35-4	0.33		0.33	500			0.00033	U	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500			0.0002	U	
1,1,1,2-Tetrachloroethane	630-20-6							0.00027	U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6				0.00062	U	
1,1,2-Trichloroethane	79-00-5							0.00035	U	
1,1,2,2-Tetrachloroethane	79-34-5			0.6				0.00044	U	
1,2-Dibromo-3-chloropropane	96-12-8							0.0014	U	
1,2-Dibromoethane	106-93-4							0.00035	U	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500			0.00021	U	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30			0.00014	U	
1,2-Dichloropropane	78-87-5		700					0.0014	U	
1,2,4-Trichlorobenzene	120-82-1		20	3.4				0.00016	U	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190			0.00052	U	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280			0.00014	U	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190			0.00017	U	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130			0.00038	U	
2-Butanone	78-93-3	0.12	100	0.3	500			0.0034	J	
2-Hexanone	591-78-6							0.0014	U	
4-Methyl-2-pentanone	108-10-1			1				0.00089	U	
Acetone	67-64-1	0.05	2.2	0.05	500			0.03		
Benzene	71-43-2	0.06	70	0.06	44			0.00013	U	
Bromodichloromethane	75-27-4							0.00036	U	
Bromoform	75-25-2							0.0014	U	
Bromomethane	74-83-9							0.00024	U	
Carbon disulfide	75-15-0			2.7				0.0014	U	
Carbon Tetrachloride	56-23-5	0.76		0.76	22			0.00026	U	
Chlorobenzene	108-90-7	1.1	40	1.1	500			0.00036	U	
Chloroethane	75-00-3			1.9				0.00061	U	
Chloroform	67-66-3	0.37	12	0.37	350			0.00017	U	
Chloromethane	74-87-3							0.00016	U	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500			0.00035	U	
cis-1,3-Dichloropropene	10061-01-5							0.00039	U	
Cyclohexane	110-82-7							0.00038	U	
Dibromochloromethane	124-48-1		10					0.00035	U	
Dichlorodifluoromethane	75-71-8							0.00022	UJ	
Ethylbenzene	100-41-4	1		1	390			0.00019	U	
Isopropylbenzene	98-82-8			2.3				0.00041	U	
m,p-Xylene	179601-23-1							0.00045	U	
Methyl Acetate	79-20-9							0.0016	U	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500			0.00027	U	
Methylcyclohexane	108-87-2							0.00041	U	
Methylene Chloride	75-09-2	0.05	12	0.05	500			0.0012	U	
n-Butylbenzene	104-51-8	12		12	500			0.00024	U	
n-Propylbenzene	103-65-1	3.9		3.9	500			0.00022	U	
o-Xylene	95-47-6							0.00035	U	
sec-Butylbenzene	135-98-8	11		11	500			0.00024	U	
Styrene	100-42-5		300					0.00014	U	
tert-Butylbenzene	98-06-6	5.9		5.9	500			0.00028	U	
Tetrachloroethene	127-18-4	1.3	2	1.3	150			0.00036	U	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-12		SB-12		SB-2	
							SB-12-(17.1-22.2)		SB-12-(22.2-28)		FDUP2_022224	
							02/12/2024		02/12/2024		02/22/2024	
Toluene	108-88-3	0.7	36	0.7	500				0.0002	U		
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500				0.00028	U		
trans-1,3-Dichloropropene	10061-02-6								0.0012	U		
Trichloroethylene	79-01-6	0.47	2	0.47	200				0.00059	U		
Trichlorofluoromethane	75-69-4								0.00026	U		
Vinyl Chloride	75-01-4	0.02		0.02	13				0.00033	U		
Xylenes	1330-20-7	0.26	0.26	1.6	500				0.00045	U		

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-2	SB-3	SB-4	SB-4	SB-4
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SB-2-(2-4)	SB-3-(0-2)	SB-4-(0-2)	SB-4-(10-12)	SB-4-(2-4)
						Sample Date	02/22/2024	02/23/2024	02/21/2024	02/21/2024	02/21/2024
General Chemistry (mg/kg)											
Cyanide	57-12-5	27		40	27		0.62 <i>J</i>	0.56 <i>UJ</i>	<i>R</i>	0.48 <i>U</i>	0.5 <i>U</i>
Herbicides (mg/kg)											
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.013 <i>U</i>				
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0064 <i>U</i>				
Dichlorprop	120-36-5						0.0099 <i>U</i>				
Picloram	1918-02-1						0.0086 <i>U</i>				
Silvex	93-72-1	3.8		3.8	500		0.0072 <i>U</i>				
Metals (mg/kg)											
Aluminum	7429-90-5		10000				9240 <i>J</i>	13500 <i>J</i>	8620	7840	10400
Antimony	7440-36-0		12				1.1 <i>J</i>	0.87 <i>J</i>	2.7 <i>J</i>	0.42 <i>UJ</i>	0.86 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		12.3	12.4	10.2	6.9	8.4
Barium	7440-39-3	350	433	820	400		217 <i>J</i>	143	288 <i>J</i>	78.2 <i>J</i>	80.3 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	590		0.64	0.62	0.38	0.37	0.4
Cadmium	7440-43-9	2.5	4	7.5	9.3		1.9	0.7	1.2	0.26	0.3
Calcium	7440-70-2		10000				16800 <i>J</i>	2080	21900 <i>J</i>	49800 <i>J</i>	28400 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		17.7	20.3 <i>J</i>	12.7	10.6	17.1
Cobalt	7440-48-4		20				8.6	12.3	6.7	6.6	7.1
Copper	7440-50-8	50	50	1720	270		67.3 <i>J</i>	39 <i>J</i>	22.7	25.5	19.8
Iron	7439-89-6						17900 <i>J</i>	29400 <i>J</i>	17700	14400	25200
Lead	7439-92-1	63	63	450	1000		378 <i>J</i>	143 <i>J</i>	337 <i>J</i>	56 <i>J</i>	61.2 <i>J</i>
Magnesium	7439-95-4						3250 <i>J</i>	3220	5130 <i>J</i>	9980 <i>J</i>	4240 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		613 <i>J</i>	455	298 <i>J</i>	405 <i>J</i>	415 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.8 <i>J</i>	0.052	0.053	0.56	0.038
Nickel	7440-02-0	30	30	130	310		21	31.6 <i>J</i>	19.5	19.5	19.2
Potassium	7440-09-7						1020	1500	1050	1250	1370
Selenium	7782-49-2	3.9	3.9	4	1500		0.78 <i>J</i>	0.51 <i>U</i>	0.54 <i>J</i>	0.56 <i>J</i>	0.56 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.24 <i>U</i>	0.25 <i>U</i>	0.22 <i>U</i>	0.21 <i>U</i>	0.23 <i>U</i>
Sodium	7440-23-5						121 <i>J</i>	169 <i>J</i>	166	160	218
Thallium	7440-28-0		5				0.36 <i>U</i>	0.38 <i>U</i>	0.33 <i>U</i>	0.32 <i>U</i>	0.34 <i>U</i>
Vanadium	7440-62-2		39				21.2 <i>J</i>	21.9	24.7	26.9	25
Zinc	7440-66-6	109	109	2480	10000		604	96.5 <i>J</i>	287 <i>J</i>	84.2 <i>J</i>	66.8 <i>J</i>
TCLP Metals (mg/L)											
Arsenic	7440-38-2						0.01 <i>J</i>				
Barium	7440-39-3						1.2				
Cadmium	7440-43-9						0.021				
Chromium	7440-47-3						0.01 <i>U</i>				
Lead	7439-92-1						0.39				
Mercury	7439-97-6						0.000043 <i>U</i>				
Selenium	7782-49-2						0.0087 <i>U</i>				
Silver	7440-22-4						0.0017 <i>U</i>				

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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-2	SB-3	SB-4	SB-4	SB-4
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SB-2-(2-4)	SB-3-(0-2)	SB-4-(0-2)	SB-4-(10-12)	SB-4-(2-4)
Per- and Polyfluoroalkyl Substances (mg/kg)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.0002	U			
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00049	U			
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000049	U			
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.0012	U			
3:3 perfluorohexanoic acid	356-02-5						0.00025	U			
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.0002	U			
4:2 fluorotelomer sulfonate	757124-72-4						0.0002	U			
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.0002	U			
7:3 FTCA	812-70-4						0.0012	U			
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.0002	U			
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.0002	U			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.0002	U			
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00049	U			
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000049	U			
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000049	U			
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000049	U			
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000099	U			
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000099	U			
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000099	U			
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000099	U			
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000049	U			
Perfluorobutanoic acid	375-22-4						0.0002	U			
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000049	U			
Perfluorodecanoic acid	335-76-2						0.000049	U			
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000049	U			
Perfluorododecanoic Acid	307-55-1						0.000049	U			
Perfluoroheptanesulfonic acid	375-92-8						0.000049	U			
Perfluoroheptanoic acid	375-85-9						0.000049	U			
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000049	U			
Perfluorohexanoic acid	307-24-4						0.000049	U			
Perfluorononanesulfonic acid	68259-12-1						0.000049	U			
Perfluorononanoic acid	375-95-1						0.000049	U			
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000049	U			
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.000228				
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.000091	J			
Perfluoropentanesulfonic acid	2706-91-4						0.000049	U			
Perfluoropentanoic Acid	2706-90-3						0.000099	U			
Perfluorotetradecanoic Acid	376-06-7						0.000049	U			
Perfluorotridecanoic Acid	72629-94-8						0.000049	U			
Perfluoroundecanoic Acid	2058-94-8						0.000049	U			

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-2	SB-3	SB-4	SB-4	SB-4
							SB-2-(2-4) 02/22/2024	SB-3-(0-2) 02/23/2024	SB-4-(0-2) 02/21/2024	SB-4-(10-12) 02/21/2024	SB-4-(2-4) 02/21/2024
Pesticides (mg/kg)											
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.0038 <i>U</i>				
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.0042 <i>U</i>				
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.087				
Aldrin	309-00-2	0.005	0.14	0.19	0.68		0.0049 <i>U</i>				
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.0036 <i>U</i>				
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.0036 <i>U</i>				
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.0099 <i>U</i>				
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.0037 <i>U</i>				
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.014 <i>J</i>				
Endosulfan I	959-98-8	2.4		102	200		0.0038 <i>U</i>				
Endosulfan II	33213-65-9	2.4		102	200		0.0036 <i>U</i>				
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.0037 <i>U</i>				
Endrin	72-20-8	0.014	0.014	0.06	89		0.0039 <i>U</i>				
Endrin aldehyde	7421-93-4						0.0051 <i>U</i>				
Endrin ketone	53494-70-5						0.0049 <i>U</i>				
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.0036 <i>U</i>				
gamma-Chlordane	5566-34-7			14			0.0063 <i>U</i>				
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.0043 <i>U</i>				
Heptachlor epoxide	1024-57-3			0.02			0.0051 <i>U</i>				
Methoxychlor	72-43-5		1.2	900			0.004 <i>U</i>				
Toxaphene	8001-35-2						0.12 <i>U</i>				
Petroleum (mg/kg)											
Hem (Oil & Grease)	CAS_NA_HEM						47.9 <i>U</i>				
Polychlorinated Biphenyls (mg/kg)											
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.055 <i>U</i>				
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.055 <i>U</i>				
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.055 <i>U</i>				
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.055 <i>U</i>				
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.055 <i>U</i>				
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.13 <i>U</i>				
Aroclor 1260	11096-82-5	0.1	1	3.2	1		2				
Semivolatile Organic Compounds (mg/kg)											
2-Methylnaphthalene	91-57-6			36.4			0.4 <i>U</i>	0.21 <i>UJ</i>	0.74 <i>U</i>	0.36 <i>U</i>	0.36 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.3 <i>U</i>	0.15 <i>UJ</i>	0.54 <i>U</i>	0.27 <i>U</i>	0.26 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.26 <i>U</i>	0.13 <i>UJ</i>	0.58 <i>J</i>	0.24 <i>J</i>	0.23 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.5 <i>U</i>	0.26 <i>UJ</i>	0.91 <i>U</i>	0.45 <i>U</i>	0.44 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.45 <i>J</i>	0.1 <i>UJ</i>	<u>1.5</u> <i>J</i>	0.38 <i>J</i>	0.29 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.72 <i>J</i>	0.15 <i>UJ</i>	1.7 <i>J</i>	0.44 <i>J</i>	0.26 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.6 <i>J</i>	0.17 <i>UJ</i>	<u>2.5</u> <i>J</i>	0.57 <i>J</i>	0.36 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		1.2 <i>J</i>	0.11 <i>UJ</i>	0.7 <i>J</i>	0.27 <i>J</i>	0.19 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.32 <i>J</i>	0.13 <i>UJ</i>	0.93 <i>J</i>	0.24 <i>J</i>	0.23 <i>U</i>
Chrysene	218-01-9	1		1	56		0.49 <i>J</i>	0.23 <i>UJ</i>	<u>1.9</u> <i>J</i>	0.4 <i>U</i>	0.4 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.35 <i>U</i>	0.18 <i>UJ</i>	0.65 <i>U</i>	0.32 <i>U</i>	0.32 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.64 <i>J</i>	0.15 <i>J</i>	2.9 <i>J</i>	0.76 <i>J</i>	0.59 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.24 <i>U</i>	0.12 <i>UJ</i>	0.44 <i>U</i>	0.21 <i>U</i>	0.21 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.5 <i>J</i>	0.13 <i>UJ</i>	0.71 <i>J</i>	0.22 <i>U</i>	0.22 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.26 <i>U</i>	0.13 <i>UJ</i>	0.48 <i>U</i>	0.23 <i>U</i>	0.23 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.46 <i>J</i>	0.15 <i>UJ</i>	0.82 <i>J</i>	0.34 <i>J</i>	0.33 <i>J</i>
Pyrene	129-00-0	100		1000	500		0.56 <i>J</i>	0.12 <i>UJ</i>	2 <i>J</i>	0.53 <i>J</i>	0.37 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.3 <i>U</i>	0.15 <i>UJ</i>	0.54 <i>U</i>	0.27 <i>U</i>	0.26 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-2	SB-3	SB-4	SB-4	SB-4
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SB-2-(2-4) 02/22/2024	SB-3-(0-2) 02/23/2024	SB-4-(0-2) 02/21/2024	SB-4-(10-12) 02/21/2024	SB-4-(2-4) 02/21/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		0.65 <i>U</i>				
2-Chloronaphthalene	91-58-7						0.33 <i>U</i>	0.17 <i>UJ</i>	0.61 <i>U</i>	0.3 <i>U</i>	0.3 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.37 <i>U</i>	0.19 <i>U</i>	0.68 <i>U</i>	0.33 <i>U</i>	0.33 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.24 <i>U</i>	0.12 <i>U</i>	0.44 <i>U</i>	0.21 <i>U</i>	0.21 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.3 <i>U</i>	0.15 <i>UJ</i>	0.54 <i>U</i>	0.27 <i>U</i>	0.26 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.57 <i>U</i>	0.29 <i>U</i>	1 <i>U</i>	0.51 <i>U</i>	0.51 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.4 <i>U</i>	0.21 <i>UJ</i>	0.74 <i>U</i>	0.36 <i>U</i>	0.36 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.21 <i>U</i>	0.11 <i>U</i>	0.39 <i>U</i>	0.19 <i>U</i>	0.19 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.48 <i>U</i>	0.25 <i>U</i>	0.89 <i>U</i>	0.44 <i>U</i>	0.43 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			9.3 <i>UJ</i>	4.8 <i>U</i>	17 <i>U</i>	8.3 <i>U</i>	8.3 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.41 <i>U</i>	0.21 <i>UJ</i>	0.76 <i>U</i>	0.37 <i>U</i>	0.37 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.54 <i>U</i>	0.28 <i>U</i>	1 <i>U</i>	0.49 <i>U</i>	0.49 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.4 <i>U</i>	0.21 <i>U</i>	0.74 <i>U</i>	0.36 <i>U</i>	0.36 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.24 <i>U</i>	0.12 <i>UJ</i>	0.44 <i>U</i>	0.21 <i>U</i>	0.21 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.56 <i>U</i>	0.29 <i>UJ</i>	1 <i>U</i>	0.5 <i>U</i>	0.5 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						2.4 <i>U</i>	1.2 <i>UJ</i>	4.4 <i>U</i>	2.1 <i>U</i>	2.1 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.28 <i>U</i>	0.15 <i>UJ</i>	0.52 <i>U</i>	0.26 <i>U</i>	0.25 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.5 <i>U</i>	0.26 <i>U</i>	0.91 <i>U</i>	0.45 <i>U</i>	0.44 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.5 <i>U</i>	0.26 <i>UJ</i>	0.91 <i>U</i>	0.45 <i>U</i>	0.44 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.25 <i>U</i>	0.13 <i>UJ</i>	0.46 <i>U</i>	0.22 <i>U</i>	0.22 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.24 <i>U</i>	0.12 <i>U</i>	0.44 <i>U</i>	0.21 <i>U</i>	0.21 <i>U</i>
4-Nitroaniline	100-01-6						1.1 <i>U</i>	0.54 <i>UJ</i>	1.9 <i>U</i>	0.95 <i>U</i>	0.94 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			1.4 <i>U</i>	0.73 <i>U</i>	2.6 <i>U</i>	1.3 <i>U</i>	1.3 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2 <i>U</i>	1 <i>U</i>	3.7 <i>U</i>	1.8 <i>U</i>	1.8 <i>U</i>
Acetophenone	98-86-2						0.27 <i>U</i>	0.14 <i>UJ</i>	0.5 <i>U</i>	0.24 <i>U</i>	0.24 <i>U</i>
Atrazine	1912-24-9						0.7 <i>U</i>	0.36 <i>UJ</i>	1.3 <i>U</i>	0.63 <i>U</i>	0.62 <i>U</i>
Benzaldehyde	100-52-7						1.6 <i>UJ</i>	0.83 <i>UJ</i>	2.9 <i>U</i>	1.4 <i>UJ</i>	1.4 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.26 <i>U</i>	0.13 <i>UJ</i>	0.48 <i>U</i>	0.23 <i>U</i>	0.23 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.43 <i>U</i>	0.22 <i>UJ</i>	0.78 <i>U</i>	0.38 <i>U</i>	0.38 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.69 <i>U</i>	0.35 <i>UJ</i>	1.3 <i>U</i>	0.62 <i>U</i>	0.61 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.87 <i>J</i>	0.17 <i>UJ</i>	0.61 <i>U</i>	0.3 <i>U</i>	0.3 <i>U</i>
Carbazole	86-74-8						0.24 <i>U</i>	0.12 <i>UJ</i>	0.44 <i>U</i>	0.21 <i>U</i>	0.21 <i>U</i>
Caprolactam	105-60-2						0.6 <i>U</i>	0.31 <i>UJ</i>	1.1 <i>U</i>	0.54 <i>U</i>	0.54 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.34 <i>U</i>	0.18 <i>UJ</i>	0.63 <i>U</i>	0.31 <i>U</i>	0.31 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.24 <i>U</i>	0.12 <i>UJ</i>	0.44 <i>U</i>	0.21 <i>U</i>	0.21 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.24 <i>U</i>	0.12 <i>UJ</i>	0.44 <i>U</i>	0.21 <i>U</i>	0.21 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.26 <i>U</i>	0.13 <i>UJ</i>	0.48 <i>U</i>	0.23 <i>U</i>	0.23 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.24 <i>U</i>	0.12 <i>UJ</i>	0.44 <i>U</i>	0.21 <i>U</i>	0.21 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.27 <i>U</i>	0.14 <i>UJ</i>	0.5 <i>U</i>	0.24 <i>U</i>	0.24 <i>U</i>
Hexachlorobutadiene	87-68-3						0.3 <i>U</i>	0.15 <i>UJ</i>	0.54 <i>U</i>	0.27 <i>U</i>	0.26 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.27 <i>U</i>	0.14 <i>UJ</i>	0.5 <i>U</i>	0.24 <i>U</i>	0.24 <i>U</i>
Hexachloroethane	67-72-1						0.26 <i>U</i>	0.13 <i>UJ</i>	0.48 <i>U</i>	0.23 <i>U</i>	0.23 <i>U</i>
Isophorone	78-59-1			4.4			0.43 <i>U</i>	0.22 <i>UJ</i>	0.78 <i>U</i>	0.38 <i>U</i>	0.38 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.34 <i>U</i>	0.18 <i>UJ</i>	0.63 <i>U</i>	0.31 <i>U</i>	0.31 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				1.6 <i>U</i>	0.84 <i>UJ</i>	3 <i>U</i>	1.5 <i>U</i>	1.5 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.22 <i>U</i>	0.12 <i>UJ</i>	0.41 <i>U</i>	0.2 <i>U</i>	0.2 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0065 <i>U</i>	1 <i>U</i>	3.7 <i>U</i>	1.8 <i>U</i>	1.8 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.31 <i>U</i>	0.16 <i>U</i>	0.57 <i>U</i>	0.28 <i>U</i>	0.27 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-2	SB-3	SB-4	SB-4	SB-4
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SB-2-(2-4) 02/22/2024	SB-3-(0-2) 02/23/2024	SB-4-(0-2) 02/21/2024	SB-4-(10-12) 02/21/2024	SB-4-(2-4) 02/21/2024
Volatile Organic Compounds (mg/kg)											
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00047	U			
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.00048	U			
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.00028	U			
1,1,1,2-Tetrachloroethane	630-20-6						0.00039	U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.00089	U			
1,1,2-Trichloroethane	79-00-5						0.0005	U			
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.00063	U			
1,2-Dibromo-3-chloropropane	96-12-8						0.0019	U			
1,2-Dibromoethane	106-93-4						0.0005	U			
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.0003	U			
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00019	U			
1,2-Dichloropropane	78-87-5		700				0.0019	U			
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00024	U			
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.00075	U			
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.0002	U			
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.00025	U			
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.00054	U			
2-Butanone	78-93-3	0.12	100	0.3	500		0.0014	U			
2-Hexanone	591-78-6						0.0019	U			
4-Methyl-2-pentanone	108-10-1			1			0.0013	U			
Acetone	67-64-1	0.05	2.2	0.05	500		0.0089	J			
Benzene	71-43-2	0.06	70	0.06	44		0.00019	U			
Bromodichloromethane	75-27-4						0.00052	U			
Bromoform	75-25-2						0.0019	U			
Bromomethane	74-83-9						0.00035	U			
Carbon disulfide	75-15-0			2.7			0.0019	U			
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00038	U			
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.00051	U			
Chloroethane	75-00-3			1.9			0.00088	U			
Chloroform	67-66-3	0.37	12	0.37	350		0.00024	U			
Chloromethane	74-87-3						0.00023	U			
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.0005	U			
cis-1,3-Dichloropropene	10061-01-5						0.00056	U			
Cyclohexane	110-82-7						0.00054	U			
Dibromochloromethane	124-48-1		10				0.0005	U			
Dichlorodifluoromethane	75-71-8						0.00032	U			
Ethylbenzene	100-41-4	1		1	390		0.00027	U			
Isopropylbenzene	98-82-8			2.3			0.00059	U			
m,p-Xylene	179601-23-1						0.00065	U			
Methyl Acetate	79-20-9						0.0023	U			
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00038	U			
Methylcyclohexane	108-87-2						0.00059	U			
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.0018	U			
n-Butylbenzene	104-51-8	12		12	500		0.00034	U			
n-Propylbenzene	103-65-1	3.9		3.9	500		0.00031	U			
o-Xylene	95-47-6						0.00051	U			
sec-Butylbenzene	135-98-8	11		11	500		0.00034	U			
Styrene	100-42-5		300				0.00019	U			
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.0004	U			
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.00052	U			

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID	SB-2	SB-3	SB-4	SB-4	SB-4
							SB-2-(2-4)	SB-3-(0-2)	SB-4-(0-2)	SB-4-(10-12)	SB-4-(2-4)
						Sample Date	02/22/2024	02/23/2024	02/21/2024	02/21/2024	02/21/2024
Toluene	108-88-3	0.7	36	0.7	500		0.00029 <i>U</i>				
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.0004 <i>U</i>				
trans-1,3-Dichloropropene	10061-02-6						0.0017 <i>U</i>				
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.00085 <i>U</i>				
Trichlorofluoromethane	75-69-4						0.00037 <i>U</i>				
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00047 <i>U</i>				
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.00065 <i>U</i>				

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-5	SB-5	SB-6	SB-6	SB-7
							SB-5-(0-2) 02/21/2024	SB-5-(4-13) 02/21/2024	SB-6-(0-2) 02/20/2024	SB-6-(2-17.2) 02/20/2024	SB-7-(0-2) 02/20/2024
General Chemistry (mg/kg)											
Cyanide	57-12-5	27		40	27		0.45 <i>U</i>	0.52 <i>U</i>	0.51 <i>U</i>	0.49 <i>U</i>	0.46 <i>UJ</i>
Herbicides (mg/kg)											
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5				0.012 <i>U</i>			
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9				0.006 <i>U</i>			
Dichlorprop	120-36-5							0.0093 <i>U</i>			
Picloram	1918-02-1							0.008 <i>U</i>			
Silvex	93-72-1	3.8		3.8	500			0.0067 <i>U</i>			
Metals (mg/kg)											
Aluminum	7429-90-5		10000				15400	7850	8750	11000	8990
Antimony	7440-36-0		12				0.44 <i>UJ</i>	145 <i>J</i>	0.45 <i>UJ</i>	25.9 <i>J</i>	0.45 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		6.8	58.6	5.3	23.3	8
Barium	7440-39-3	350	433	820	400		110 <i>J</i>	1600 <i>J</i>	82.5	516	101
Beryllium	7440-41-7	7.2	10	47	590		0.55	0.26	0.47	0.32	0.42
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.25	5.4	0.17 <i>J</i>	16.5	0.31
Calcium	7440-70-2		10000				32200 <i>J</i>	5530 <i>J</i>	64600 <i>J</i>	13400 <i>J</i>	57700 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		16.1	886	12.2	36.5	12.6
Cobalt	7440-48-4		20				8.3	14.3	7.2	8	7.9
Copper	7440-50-8	50	50	1720	270		25	171	15.8	99.6	23
Iron	7439-89-6						19200	42700	14100	28900	16900
Lead	7439-92-1	63	63	450	1000		47.5 <i>J</i>	710 <i>J</i>	19.8 <i>J</i>	613 <i>J</i>	80 <i>J</i>
Magnesium	7439-95-4						4110 <i>J</i>	1510 <i>J</i>	10500 <i>J</i>	2820 <i>J</i>	6090 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		353 <i>J</i>	351 <i>J</i>	338	388	485
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.039	0.073	0.048	0.43	0.027
Nickel	7440-02-0	30	30	130	310		20.8	85.1	19.1	39.2	21.1
Potassium	7440-09-7						3240	1020	1550	1170	1560
Selenium	7782-49-2	3.9	3.9	4	1500		0.5 <i>J</i>	1.8 <i>J</i>	0.62 <i>J</i>	2.2 <i>J</i>	0.45 <i>U</i>
Silver	7440-22-4	2	2	8.3	1500		0.22 <i>U</i>	1.2	0.23 <i>U</i>	1.4	0.22 <i>U</i>
Sodium	7440-23-5						170	519	117 <i>J</i>	258	105 <i>J</i>
Thallium	7440-28-0		5				0.33 <i>U</i>	0.33 <i>U</i>	0.34 <i>U</i>	0.35 <i>U</i>	0.34 <i>U</i>
Vanadium	7440-62-2		39				26.7	59.8	29.7	15.1	23.3
Zinc	7440-66-6	109	109	2480	10000		81.6 <i>J</i>	384 <i>J</i>	55.1	501	102
TCLP Metals (mg/L)											
Arsenic	7440-38-2							0.052 <i>J</i>			
Barium	7440-39-3							5.4			
Cadmium	7440-43-9							0.34 <i>J</i>			
Chromium	7440-47-3							0.01 <i>U</i>			
Lead	7439-92-1							2.6 <i>J</i>			
Mercury	7439-97-6							0.000043 <i>U</i>			
Selenium	7782-49-2							0.0087 <i>U</i>			
Silver	7440-22-4							0.0017 <i>U</i>			

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SB-5	SB-5	SB-6	SB-6	SB-7
						Sample ID	SB-5-(0-2)	SB-5-(4-13)	SB-6-(0-2)	SB-6-(2-17.2)	SB-7-(0-2)
Per- and Polyfluoroalkyl Substances (mg/kg)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00019	U		
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00046	U		
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000046	U		
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.0012	U		
3:3 perfluorohexanoic acid	356-02-5							0.00023	U		
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.00019	U		
4:2 fluorotelomer sulfonate	757124-72-4							0.00019	U		
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.00019	U		
7:3 FTCA	812-70-4							0.0012	U		
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00019	U		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.00019	U		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.00019	U		
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00046	U		
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000046	U		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000046	U		
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000046	U		
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.000093	U		
Perfluoro-3-methoxypropanoic acid	377-73-1							0.000093	U		
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.000093	U		
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.000093	U		
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000046	U		
Perfluorobutanoic acid	375-22-4							0.00019	U		
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000046	U		
Perfluorodecanoic acid	335-76-2							0.000046	U		
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000046	U		
Perfluorododecanoic Acid	307-55-1							0.000046	U		
Perfluoroheptanesulfonic acid	375-92-8							0.000046	U		
Perfluoroheptanoic acid	375-85-9							0.000046	U		
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000046	U		
Perfluorohexanoic acid	307-24-4							0.000046	U		
Perfluorononanesulfonic acid	68259-12-1							0.000046	U		
Perfluorononanoic acid	375-95-1							0.000046	U		
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.000046	U		
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44			0.0009			
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5			0.000059	J		
Perfluoropentanesulfonic acid	2706-91-4							0.000046	U		
Perfluoropentanoic Acid	2706-90-3							0.000093	U		
Perfluorotetradecanoic Acid	376-06-7							0.000046	U		
Perfluorotridecanoic Acid	72629-94-8							0.000046	U		
Perfluoroundecanoic Acid	2058-94-8							0.000046	U		

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SB-5	SB-5	SB-6	SB-6	SB-7					
						Sample ID Sample Date	SB-5-(0-2) 02/21/2024	SB-5-(4-13) 02/21/2024	SB-6-(0-2) 02/20/2024	SB-6-(2-17.2) 02/20/2024	SB-7-(0-2) 02/20/2024					
Pesticides (mg/kg)																
4,4'-DDD	72-54-8	0.0033	0.0033	14	92			0.0036	U							
4,4'-DDE	72-55-9	0.0033	0.0033	17	62			0.0039	U							
4,4'-DDT	50-29-3	0.0033	0.0033	136	47			0.0043	U							
Aldrin	309-00-2	0.005		0.19	0.68			0.0045	U							
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4			0.0033	U							
beta-BHC	319-85-7	0.036	0.6	0.09	3			0.0033	U							
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24			0.0091	U							
delta-BHC	319-86-8	0.04	0.04	0.25	500			0.0034	U							
Dieldrin	60-57-1	0.005	0.006	0.1	1.4			0.0044	U							
Endosulfan I	959-98-8	2.4		102	200			0.0035	U							
Endosulfan II	33213-65-9	2.4		102	200			0.0033	U							
Endosulfan sulfate	1031-07-8	2.4		1000	200			0.0034	U							
Endrin	72-20-8	0.014	0.014	0.06	89			0.0036	U							
Endrin aldehyde	7421-93-4							0.0047	U							
Endrin ketone	53494-70-5							0.0045	U							
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2			0.0034	U							
gamma-Chlordane	5566-34-7			14				0.0058	U							
Heptachlor	76-44-8	0.042	0.14	0.38	15			0.004	U							
Heptachlor epoxide	1024-57-3			0.02				0.0047	U							
Methoxychlor	72-43-5		1.2	900				0.0037	U							
Toxaphene	8001-35-2							0.11	U							
Petroleum (mg/kg)																
Hem (Oil & Grease)	CAS_NA_HEM							44.8	U							
Polychlorinated Biphenyls (mg/kg)																
Aroclor 1016	12674-11-2	0.1	1	3.2	1			0.039	U							
Aroclor 1221	11104-28-2	0.1	1	3.2	1			0.039	U							
Aroclor 1232	11141-16-5	0.1	1	3.2	1			0.039	U							
Aroclor 1242	53469-21-9	0.1	1	3.2	1			0.039	U							
Aroclor 1248	12672-29-6	0.1	1	3.2	1			0.039	U							
Aroclor 1254	11097-69-1	0.1	1	3.2	1			0.093	U							
Aroclor 1260	11096-82-5	0.1	1	3.2	1			0.093	U							
Semivolatile Organic Compounds (mg/kg)																
2-Methylnaphthalene	91-57-6			36.4			0.18	UJ	0.38	U	0.74	U				
Acenaphthene	83-32-9	20	20	98	500		0.14	UJ	0.28	U	0.034	J	0.54	U		
Acenaphthylene	208-96-8	100		107	500		0.12	UJ	0.24	U	0.024	UJ	0.48	U		
Anthracene	120-12-7	100		1000	500		0.23	UJ	0.46	U	0.47	U	0.087	J	0.91	U
Benzo[a]anthracene	56-55-3	1		1	5.6		0.092	UJ	0.75	J	0.19	U	0.24	J	0.37	U
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.14	UJ	0.98	J	0.28	U	0.32	J	0.54	U
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.17	J	1.8	J	0.3	U	0.52	J	0.58	U
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.097	UJ	0.64	J	0.2	U	0.2	J	0.39	U
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.12	UJ	0.62	J	0.24	U	0.2	J	0.48	U
Chrysene	218-01-9	1		1	56		0.21	UJ	0.96	J	0.42	U	0.29	J	0.82	U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.16	UJ	0.33	U	0.33	U	0.064	J	0.65	U
Fluoranthene	206-44-0	100		1000	500		0.15	J	0.87	J	0.29	J	0.35	J	0.39	U
Fluorene	86-73-7	30	30	386	500		0.11	UJ	0.22	U	0.22	U	0.05	J	0.43	U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.11	UJ	0.5	J	0.23	U	0.15	J	0.45	U
Naphthalene	91-20-3	12		12	500		0.12	UJ	0.24	U	0.24	U	0.038	J	0.48	U
Phenanthrene	85-01-8	100		1000	500		0.14	UJ	0.28	U	0.28	U	0.27	J	0.54	U
Pyrene	129-00-0	100		1000	500		0.11	UJ	0.7	J	0.22	U	0.28	J	0.43	U
1,1'-Biphenyl	92-52-4		60				0.14	UJ	0.28	U	0.28	U	0.028	UJ	0.54	U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-5	SB-5	SB-6	SB-6	SB-7
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SB-5-(0-2) 02/21/2024	SB-5-(4-13) 02/21/2024	SB-6-(0-2) 02/20/2024	SB-6-(2-17.2) 02/20/2024	SB-7-(0-2) 02/20/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130			0.61 <i>U</i>			
2-Chloronaphthalene	91-58-7						0.15 <i>UJ</i>	0.31 <i>U</i>	0.31 <i>U</i>	0.031 <i>UJ</i>	0.61 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.17 <i>UJ</i>	0.34 <i>U</i>	0.34 <i>U</i>	0.034 <i>U</i>	0.67 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.11 <i>UJ</i>	0.22 <i>U</i>	0.22 <i>U</i>	0.022 <i>U</i>	0.43 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.14 <i>UJ</i>	0.28 <i>U</i>	0.28 <i>U</i>	0.028 <i>UJ</i>	0.54 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.26 <i>UJ</i>	0.53 <i>U</i>	0.53 <i>U</i>	0.053 <i>U</i>	1 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.18 <i>UJ</i>	0.38 <i>U</i>	0.38 <i>U</i>	0.037 <i>UJ</i>	0.74 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.097 <i>UJ</i>	0.2 <i>U</i>	0.2 <i>U</i>	0.02 <i>U</i>	0.39 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.22 <i>UJ</i>	0.45 <i>U</i>	0.46 <i>U</i>	0.045 <i>U</i>	0.89 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			4.2 <i>UJ</i>	8.7 <i>U</i>	8.7 <i>U</i>	0.86 <i>U</i>	17 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.19 <i>UJ</i>	0.39 <i>U</i>	0.39 <i>U</i>	0.039 <i>UJ</i>	0.76 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.25 <i>UJ</i>	0.51 <i>U</i>	0.51 <i>U</i>	0.051 <i>U</i>	1 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.18 <i>UJ</i>	0.38 <i>U</i>	0.38 <i>U</i>	0.037 <i>U</i>	0.74 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.11 <i>UJ</i>	0.22 <i>U</i>	0.22 <i>U</i>	0.022 <i>UJ</i>	0.43 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.25 <i>UJ</i>	0.52 <i>U</i>	0.52 <i>U</i>	0.052 <i>UJ</i>	1 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						1.1 <i>UJ</i>	2.2 <i>U</i>	2.2 <i>U</i>	0.22 <i>UJ</i>	4.3 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.13 <i>UJ</i>	0.27 <i>U</i>	0.27 <i>U</i>	0.026 <i>UJ</i>	0.52 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.23 <i>UJ</i>	0.46 <i>U</i>	0.47 <i>U</i>	0.046 <i>U</i>	0.91 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.23 <i>UJ</i>	0.46 <i>U</i>	0.47 <i>U</i>	0.046 <i>UJ</i>	0.91 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.11 <i>UJ</i>	0.23 <i>U</i>	0.23 <i>U</i>	0.023 <i>UJ</i>	0.45 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.11 <i>UJ</i>	0.22 <i>U</i>	0.22 <i>U</i>	0.022 <i>U</i>	0.43 <i>U</i>
4-Nitroaniline	100-01-6						0.48 <i>UJ</i>	0.98 <i>U</i>	0.99 <i>U</i>	0.098 <i>UJ</i>	1.9 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.64 <i>UJ</i>	1.3 <i>U</i>	1.3 <i>U</i>	0.13 <i>U</i>	2.6 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.92 <i>UJ</i>	1.9 <i>U</i>	1.9 <i>U</i>	0.19 <i>U</i>	3.7 <i>U</i>
Acetophenone	98-86-2						0.12 <i>UJ</i>	0.25 <i>U</i>	0.26 <i>U</i>	0.025 <i>UJ</i>	0.5 <i>U</i>
Atrazine	1912-24-9						0.32 <i>UJ</i>	0.65 <i>U</i>	0.66 <i>U</i>	0.065 <i>UJ</i>	1.3 <i>U</i>
Benzaldehyde	100-52-7						0.73 <i>UJ</i>	1.5 <i>UJ</i>	1.5 <i>UJ</i>	0.15 <i>UJ</i>	2.9 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.12 <i>UJ</i>	0.24 <i>U</i>	0.24 <i>U</i>	0.024 <i>UJ</i>	0.48 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.19 <i>UJ</i>	0.4 <i>U</i>	0.4 <i>U</i>	0.04 <i>UJ</i>	0.78 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.31 <i>UJ</i>	0.64 <i>U</i>	0.64 <i>U</i>	0.064 <i>UJ</i>	1.3 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.15 <i>UJ</i>	0.31 <i>U</i>	0.31 <i>U</i>	0.031 <i>UJ</i>	0.61 <i>U</i>
Carbazole	86-74-8						0.11 <i>UJ</i>	0.22 <i>U</i>	0.22 <i>U</i>	0.038 <i>J</i>	0.43 <i>U</i>
Caprolactam	105-60-2						0.28 <i>UJ</i>	0.56 <i>U</i>	0.57 <i>U</i>	0.056 <i>UJ</i>	1.1 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.16 <i>UJ</i>	0.32 <i>U</i>	0.32 <i>U</i>	0.032 <i>UJ</i>	0.63 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.11 <i>UJ</i>	0.22 <i>U</i>	0.22 <i>U</i>	0.022 <i>UJ</i>	0.43 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.11 <i>UJ</i>	0.22 <i>U</i>	0.22 <i>U</i>	0.038 <i>J</i>	0.43 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.12 <i>UJ</i>	0.24 <i>U</i>	0.24 <i>U</i>	0.024 <i>UJ</i>	0.48 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.11 <i>UJ</i>	0.22 <i>U</i>	0.22 <i>U</i>	0.022 <i>UJ</i>	0.43 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.12 <i>UJ</i>	0.25 <i>U</i>	0.26 <i>U</i>	0.025 <i>UJ</i>	0.5 <i>U</i>
Hexachlorobutadiene	87-68-3						0.14 <i>UJ</i>	0.28 <i>U</i>	0.28 <i>U</i>	0.028 <i>UJ</i>	0.54 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.12 <i>UJ</i>	0.25 <i>U</i>	0.26 <i>U</i>	0.025 <i>UJ</i>	0.5 <i>U</i>
Hexachloroethane	67-72-1						0.12 <i>UJ</i>	0.24 <i>U</i>	0.24 <i>U</i>	0.024 <i>UJ</i>	0.48 <i>U</i>
Isophorone	78-59-1			4.4			0.19 <i>UJ</i>	0.4 <i>U</i>	0.4 <i>U</i>	0.04 <i>UJ</i>	0.78 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.16 <i>UJ</i>	0.32 <i>U</i>	0.32 <i>U</i>	0.032 <i>UJ</i>	0.63 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.75 <i>UJ</i>	1.5 <i>U</i>	1.5 <i>U</i>	0.15 <i>UJ</i>	3 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.1 <i>UJ</i>	0.21 <i>U</i>	0.21 <i>U</i>	0.021 <i>UJ</i>	0.41 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.92 <i>UJ</i>	0.0061 <i>U</i>	1.9 <i>U</i>	0.19 <i>U</i>	3.7 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.14 <i>UJ</i>	0.29 <i>U</i>	0.29 <i>U</i>	0.029 <i>U</i>	0.56 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-5	SB-5	SB-6	SB-6	SB-7
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SB-5-(0-2) 02/21/2024	SB-5-(4-13) 02/21/2024	SB-6-(0-2) 02/20/2024	SB-6-(2-17.2) 02/20/2024	SB-7-(0-2) 02/20/2024
Volatile Organic Compounds (mg/kg)											
1,1-Dichloroethane	75-34-3	0.27		0.27	240			0.00058	U		
1,1-Dichloroethene	75-35-4	0.33		0.33	500			0.00058	U		
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500			0.00035	U		
1,1,1,2-Tetrachloroethane	630-20-6							0.00048	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6				0.0011	U		
1,1,2-Trichloroethane	79-00-5							0.00062	U		
1,1,2,2-Tetrachloroethane	79-34-5			0.6				0.00077	U		
1,2-Dibromo-3-chloropropane	96-12-8							0.0024	U		
1,2-Dibromoethane	106-93-4							0.00061	U		
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500			0.00037	U		
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30			0.00024	U		
1,2-Dichloropropane	78-87-5		700					0.0024	U		
1,2,4-Trichlorobenzene	120-82-1		20	3.4				0.00029	U		
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190			0.00091	U		
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280			0.00024	U		
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190			0.00031	U		
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130			0.00067	U		
2-Butanone	78-93-3	0.12	100	0.3	500			0.005	J		
2-Hexanone	591-78-6							0.0024	U		
4-Methyl-2-pentanone	108-10-1			1				0.0016	U		
Acetone	67-64-1	0.05	2.2	0.05	500			0.025	J		
Benzene	71-43-2	0.06	70	0.06	44			0.00023	U		
Bromodichloromethane	75-27-4							0.00064	U		
Bromoform	75-25-2							0.0024	U		
Bromomethane	74-83-9							0.00043	U		
Carbon disulfide	75-15-0			2.7				0.0024	U		
Carbon Tetrachloride	56-23-5	0.76		0.76	22			0.00046	U		
Chlorobenzene	108-90-7	1.1	40	1.1	500			0.00063	U		
Chloroethane	75-00-3			1.9				0.0011	U		
Chloroform	67-66-3	0.37	12	0.37	350			0.00029	U		
Chloromethane	74-87-3							0.00029	U		
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500			0.00061	U		
cis-1,3-Dichloropropene	10061-01-5							0.00068	U		
Cyclohexane	110-82-7							0.00067	U		
Dibromochloromethane	124-48-1		10					0.00061	U		
Dichlorodifluoromethane	75-71-8							0.00039	U		
Ethylbenzene	100-41-4	1		1	390			0.00033	U		
Isopropylbenzene	98-82-8			2.3				0.00072	U		
m,p-Xylene	179601-23-1							0.0008	U		
Methyl Acetate	79-20-9							0.0029	U		
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500			0.00047	U		
Methylcyclohexane	108-87-2							0.00072	U		
Methylene Chloride	75-09-2	0.05	12	0.05	500			0.0022	U		
n-Butylbenzene	104-51-8	12		12	500			0.00041	U		
n-Propylbenzene	103-65-1	3.9		3.9	500			0.00038	U		
o-Xylene	95-47-6							0.00062	U		
sec-Butylbenzene	135-98-8	11		11	500			0.00041	U		
Styrene	100-42-5		300					0.00024	U		
tert-Butylbenzene	98-06-6	5.9		5.9	500			0.00049	U		
Tetrachloroethene	127-18-4	1.3	2	1.3	150			0.00064	U		

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-5	SB-5	SB-6	SB-6	SB-7
							SB-5-(0-2)	SB-5-(4-13)	SB-6-(0-2)	SB-6-(2-17.2)	SB-7-(0-2)
							02/21/2024	02/21/2024	02/20/2024	02/20/2024	02/20/2024
Toluene	108-88-3	0.7	36	0.7	500			0.00065	J		
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500			0.00049	U		
trans-1,3-Dichloropropene	10061-02-6							0.0021	U		
Trichloroethylene	79-01-6	0.47	2	0.47	200			0.001	U		
Trichlorofluoromethane	75-69-4							0.00045	U		
Vinyl Chloride	75-01-4	0.02		0.02	13			0.00058	U		
Xylenes	1330-20-7	0.26	0.26	1.6	500			0.0008	U		

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-7	SB-7	SB-8	SB-8
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SB-7-(2-9.2)	SB-7-(9.2-12.6)	SB-8-(0-2)	SB-8-(2-17)
						Sample Date	02/20/2024	02/20/2024	02/20/2024	02/20/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.49 <i>U</i>	0.55 <i>U</i>	0.53 <i>U</i>	0.54 <i>U</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.012 <i>U</i>			
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0061 <i>U</i>			
Dichlorprop	120-36-5						0.0095 <i>U</i>			
Picloram	1918-02-1						0.0082 <i>U</i>			
Silvex	93-72-1	3.8		3.8	500		0.0068 <i>U</i>			
Metals (mg/kg)										
Aluminum	7429-90-5		10000				9440	16700	8790	13100
Antimony	7440-36-0		12				0.81 <i>J</i>	2.3 <i>J</i>	0.72 <i>J</i>	11.6 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		11.8	8.6	9.4	26.6
Barium	7440-39-3	350	433	820	400		335	197	115	300
Beryllium	7440-41-7	7.2	10	47	590		0.47	0.7	0.42	0.57
Cadmium	7440-43-9	2.5	4	7.5	9.3		2.5	0.92	0.66	4.1
Calcium	7440-70-2		10000				18000 <i>J</i>	3340 <i>J</i>	50100 <i>J</i>	5170 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		17.9	22.1	12.3	26.1
Cobalt	7440-48-4		20				8.1	12.6	8.7	10.7
Copper	7440-50-8	50	50	1720	270		43.4	24.7	24.2	333
Iron	7439-89-6						18400	28300	20800	25400
Lead	7439-92-1	63	63	450	1000		361 <i>J</i>	39.6 <i>J</i>	175 <i>J</i>	668 <i>J</i>
Magnesium	7439-95-4						3610 <i>J</i>	4340 <i>J</i>	6080 <i>J</i>	3630 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		551	298	441	415
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.32	0.036	0.088	2.3
Nickel	7440-02-0	30	30	130	310		20.5	30.4	21	37
Potassium	7440-09-7						1320	1760	1420	1560
Selenium	7782-49-2	3.9	3.9	4	1500		0.74 <i>J</i>	0.73 <i>J</i>	0.45 <i>U</i>	0.71 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.24 <i>U</i>	0.25 <i>U</i>	0.23 <i>U</i>	2.8
Sodium	7440-23-5						93.9 <i>J</i>	138 <i>J</i>	106 <i>J</i>	165 <i>J</i>
Thallium	7440-28-0		5				0.36 <i>U</i>	0.38 <i>U</i>	0.34 <i>U</i>	0.4 <i>U</i>
Vanadium	7440-62-2		39				19.7	28	20	20.4
Zinc	7440-66-6	109	109	2480	10000		398	193	111	561
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.009 <i>J</i>			
Barium	7440-39-3						0.63 <i>J</i>			
Cadmium	7440-43-9						0.017			
Chromium	7440-47-3						0.01 <i>U</i>			
Lead	7439-92-1						0.36			
Mercury	7439-97-6						0.000043 <i>U</i>			
Selenium	7782-49-2						0.0087 <i>U</i>			
Silver	7440-22-4						0.0017 <i>U</i>			

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-7	SB-7	SB-8	SB-8
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SB-7-(2-9.2)	SB-7-(9.2-12.6)	SB-8-(0-2)	SB-8-(2-17)
02/20/202402/20/202402/20/202402/20/2024										
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00014	U		
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00036	U		
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000036	U		
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.0009	U		
3:3 perfluorohexanoic acid	356-02-5						0.00018	U		
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00014	U		
4:2 fluorotelomer sulfonate	757124-72-4						0.00014	U		
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00014	U		
7:3 FTCA	812-70-4						0.0009	U		
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00014	U		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00014	U		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00014	U		
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00036	U		
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000036	U		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000043	J		
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000036	U		
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000072	U		
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000072	U		
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000072	U		
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000072	U		
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000036	U		
Perfluorobutanoic acid	375-22-4						0.00014	U		
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000036	U		
Perfluorodecanoic acid	335-76-2						0.000036	U		
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000036	U		
Perfluorododecanoic Acid	307-55-1						0.000036	U		
Perfluoroheptanesulfonic acid	375-92-8						0.000036	U		
Perfluoroheptanoic acid	375-85-9						0.000036	U		
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000036	U		
Perfluorohexanoic acid	307-24-4						0.000036	U		
Perfluorononanesulfonic acid	68259-12-1						0.000036	U		
Perfluorononanoic acid	375-95-1						0.000036	U		
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000036	U		
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.00039			
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.000045	J		
Perfluoropentanesulfonic acid	2706-91-4						0.000036	U		
Perfluoropentanoic Acid	2706-90-3						0.000072	U		
Perfluorotetradecanoic Acid	376-06-7						0.000036	U		
Perfluorotridecanoic Acid	72629-94-8						0.000036	U		
Perfluoroundecanoic Acid	2058-94-8						0.000036	U		

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-7	SB-7	SB-8	SB-8
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SB-7-(2-9.2)	SB-7-(9.2-12.6)	SB-8-(0-2)	SB-8-(2-17)
02/20/202402/20/202402/20/202402/20/2024										
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.011	J		
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.0078	U		
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.026	J		
Aldrin	309-00-2	0.005	0.14	0.19	0.68		0.0091	U		
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.0067	U		
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.0067	U		
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.018	U		
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.0069	U		
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.0089	U		
Endosulfan I	959-98-8	2.4		102	200		0.0071	U		
Endosulfan II	33213-65-9	2.4		102	200		0.0067	U		
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.0069	U		
Endrin	72-20-8	0.014	0.014	0.06	89		0.0074	U		
Endrin aldehyde	7421-93-4						0.0095	U		
Endrin ketone	53494-70-5						0.0091	U		
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.0068	U		
gamma-Chlordane	5566-34-7			14			0.012	U		
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.008	U		
Heptachlor epoxide	1024-57-3			0.02			0.0096	U		
Methoxychlor	72-43-5		1.2	900			0.0076	U		
Toxaphene	8001-35-2						0.22	U		
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM						5190			
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.045	U		
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.045	U		
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.045	U		
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.045	U		
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.045	U		
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.11	U		
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.11	U		
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.38	U	0.041	UJ
Acenaphthene	83-32-9	20	20	98	500		0.28	U	0.03	UJ
Acenaphthylene	208-96-8	100		107	500		0.25	U	0.026	UJ
Anthracene	120-12-7	100		1000	500		0.47	U	0.051	UJ
Benzo[a]anthracene	56-55-3	1		1	5.6		0.23	J	0.033	J
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.28	U	0.042	J
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.34	J	0.061	J
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.2	U	0.031	J
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.25	U	0.027	J
Chrysene	218-01-9	1		1	56		0.43	U	0.046	UJ
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.34	U	0.036	UJ
Fluoranthene	206-44-0	100		1000	500		0.46	J	0.057	J
Fluorene	86-73-7	30	30	386	500		0.22	U	0.024	UJ
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.24	U	0.025	UJ
Naphthalene	91-20-3	12		12	500		0.25	U	0.026	UJ
Phenanthrene	85-01-8	100		1000	500		0.28	U	0.03	J
Pyrene	129-00-0	100		1000	500		0.28	J	0.046	J
1,1'-Biphenyl	92-52-4		60				0.28	U	0.03	UJ

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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SB-7	SB-7	SB-8	SB-8
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SB-7-(2-9.2) 02/20/2024	SB-7-(9.2-12.6) 02/20/2024	SB-8-(0-2) 02/20/2024	SB-8-(2-17) 02/20/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		0.62 <i>U</i>			
2-Chloronaphthalene	91-58-7						0.31 <i>U</i>	0.034 <i>UJ</i>	0.3 <i>U</i>	0.18 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8				0.35 <i>U</i>		0.34 <i>U</i>	0.2 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.22 <i>U</i>	0.024 <i>U</i>	0.22 <i>U</i>	0.13 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.28 <i>U</i>	0.03 <i>UJ</i>	0.27 <i>U</i>	0.16 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.54 <i>U</i>	0.058 <i>U</i>	0.52 <i>U</i>	0.32 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.38 <i>U</i>	0.041 <i>UJ</i>	0.37 <i>U</i>	0.22 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.2 <i>U</i>	0.022 <i>U</i>	0.2 <i>U</i>	0.12 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.46 <i>U</i>	0.049 <i>U</i>	0.45 <i>U</i>	0.27 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			8.8 <i>U</i>	0.94 <i>U</i>	8.5 <i>U</i>	5.1 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.39 <i>U</i>	0.042 <i>UJ</i>	0.38 <i>U</i>	0.23 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.52 <i>U</i>	0.055 <i>U</i>	0.5 <i>U</i>	0.3 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.38 <i>U</i>	0.041 <i>U</i>	0.37 <i>U</i>	0.22 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.22 <i>U</i>	0.024 <i>UJ</i>	0.22 <i>U</i>	0.13 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.53 <i>U</i>	0.057 <i>UJ</i>	0.51 <i>U</i>	0.31 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						2.2 <i>U</i>	0.24 <i>UJ</i>	2.2 <i>U</i>	1.3 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.27 <i>U</i>	0.029 <i>UJ</i>	0.26 <i>U</i>	0.16 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.47 <i>U</i>	0.051 <i>U</i>	0.46 <i>U</i>	0.28 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.47 <i>U</i>	0.051 <i>UJ</i>	0.46 <i>U</i>	0.28 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.24 <i>U</i>	0.025 <i>UJ</i>	0.23 <i>U</i>	0.14 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.22 <i>U</i>	0.024 <i>U</i>	0.22 <i>U</i>	0.13 <i>U</i>
4-Nitroaniline	100-01-6						1 <i>U</i>	0.11 <i>UJ</i>	0.97 <i>U</i>	0.58 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			1.3 <i>U</i>	0.14 <i>U</i>	1.3 <i>U</i>	0.78 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1.9 <i>U</i>	0.2 <i>U</i>	1.8 <i>U</i>	1.1 <i>U</i>
Acetophenone	98-86-2						0.26 <i>U</i>	0.028 <i>UJ</i>	0.25 <i>U</i>	0.15 <i>UJ</i>
Atrazine	1912-24-9						0.66 <i>U</i>	0.071 <i>UJ</i>	0.64 <i>U</i>	0.39 <i>UJ</i>
Benzaldehyde	100-52-7						1.5 <i>UJ</i>	0.16 <i>UJ</i>	1.5 <i>UJ</i>	0.89 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.25 <i>U</i>	0.026 <i>UJ</i>	0.24 <i>U</i>	0.14 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.4 <i>U</i>	0.043 <i>UJ</i>	0.39 <i>U</i>	0.24 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.65 <i>U</i>	0.07 <i>UJ</i>	0.63 <i>U</i>	2.8 <i>J</i>
Butyl benzyl phthalate	85-68-7			122			0.31 <i>U</i>	0.034 <i>UJ</i>	0.3 <i>U</i>	2.4 <i>J</i>
Carbazole	86-74-8						0.22 <i>U</i>	0.024 <i>UJ</i>	0.22 <i>U</i>	0.13 <i>UJ</i>
Caprolactam	105-60-2						0.57 <i>U</i>	0.061 <i>UJ</i>	0.55 <i>U</i>	0.33 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.32 <i>U</i>	0.035 <i>UJ</i>	0.32 <i>U</i>	0.2 <i>J</i>
Di-n-octylphthalate	117-84-0			120			0.22 <i>U</i>	0.024 <i>UJ</i>	0.22 <i>U</i>	0.13 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	350		0.22 <i>U</i>	0.024 <i>UJ</i>	0.22 <i>U</i>	0.13 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1			0.25 <i>U</i>	0.026 <i>UJ</i>	0.24 <i>U</i>	0.14 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27			0.22 <i>U</i>	0.024 <i>UJ</i>	0.22 <i>U</i>	0.13 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.26 <i>U</i>	0.028 <i>UJ</i>	0.25 <i>U</i>	0.15 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.28 <i>U</i>	0.03 <i>UJ</i>	0.27 <i>U</i>	0.16 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.26 <i>U</i>	0.028 <i>UJ</i>	0.25 <i>U</i>	0.15 <i>UJ</i>
Hexachloroethane	67-72-1						0.25 <i>U</i>	0.026 <i>UJ</i>	0.24 <i>U</i>	0.14 <i>UJ</i>
Isophorone	78-59-1			4.4			0.4 <i>U</i>	0.043 <i>UJ</i>	0.39 <i>U</i>	0.24 <i>UJ</i>
N-Nitrosodi-n-propylamine	621-64-7						0.32 <i>U</i>	0.035 <i>UJ</i>	0.32 <i>U</i>	0.19 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				1.5 <i>U</i>	0.17 <i>UJ</i>	1.5 <i>U</i>	0.91 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	69		0.21 <i>U</i>	0.023 <i>UJ</i>	0.21 <i>U</i>	0.12 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0062 <i>U</i>	0.2 <i>U</i>	1.8 <i>U</i>	1.1 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.29 <i>U</i>	0.031 <i>U</i>	0.28 <i>U</i>	0.17 <i>U</i>

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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-7	SB-7	SB-8	SB-8
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SB-7-(2-9.2) 02/20/2024	SB-7-(9.2-12.6) 02/20/2024	SB-8-(0-2) 02/20/2024	SB-8-(2-17) 02/20/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00033	U		
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.00033	U		
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.0002	U		
1,1,1,2-Tetrachloroethane	630-20-6						0.00027	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.00062	U		
1,1,2-Trichloroethane	79-00-5						0.00035	U		
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.00044	U		
1,2-Dibromo-3-chloropropane	96-12-8						0.0014	U		
1,2-Dibromoethane	106-93-4						0.00035	U		
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.00021	U		
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00014	U		
1,2-Dichloropropane	78-87-5		700				0.0014	U		
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00017	U		
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.00052	U		
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.00014	U		
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.00017	U		
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.00038	U		
2-Butanone	78-93-3	0.12	100	0.3	500		0.00099	U		
2-Hexanone	591-78-6						0.0014	U		
4-Methyl-2-pentanone	108-10-1			1			0.00089	U		
Acetone	67-64-1	0.05	2.2	0.05	500		0.0062	J		
Benzene	71-43-2	0.06	70	0.06	44		0.00013	U		
Bromodichloromethane	75-27-4						0.00036	U		
Bromoform	75-25-2						0.0014	U		
Bromomethane	74-83-9						0.00024	U		
Carbon disulfide	75-15-0			2.7			0.0014	U		
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00026	U		
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.00036	U		
Chloroethane	75-00-3			1.9			0.00061	U		
Chloroform	67-66-3	0.37	12	0.37	350		0.00017	U		
Chloromethane	74-87-3						0.00016	U		
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.00035	U		
cis-1,3-Dichloropropene	10061-01-5						0.00039	U		
Cyclohexane	110-82-7						0.00038	U		
Dibromochloromethane	124-48-1		10				0.00035	U		
Dichlorodifluoromethane	75-71-8						0.00022	U		
Ethylbenzene	100-41-4	1		1	390		0.00019	U		
Isopropylbenzene	98-82-8			2.3			0.00041	U		
m,p-Xylene	179601-23-1						0.00046	U		
Methyl Acetate	79-20-9						0.0016	U		
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00027	U		
Methylcyclohexane	108-87-2						0.00041	U		
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.0012	U		
n-Butylbenzene	104-51-8	12		12	500		0.00024	U		
n-Propylbenzene	103-65-1	3.9		3.9	500		0.00022	U		
o-Xylene	95-47-6						0.00035	U		
sec-Butylbenzene	135-98-8	11		11	500		0.00024	U		
Styrene	100-42-5		300				0.00014	U		
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.00028	U		
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.00036	U		

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-7	SB-7	SB-8	SB-8
							SB-7-(2-9.2)	SB-7-(9.2-12.6)	SB-8-(0-2)	SB-8-(2-17)
							02/20/2024	02/20/2024	02/20/2024	02/20/2024
Toluene	108-88-3	0.7	36	0.7	500		0.00021	U		
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.00028	U		
trans-1,3-Dichloropropene	10061-02-6						0.0012	U		
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.0006	U		
Trichlorofluoromethane	75-69-4						0.00026	U		
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00033	U		
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.00046	U		

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-9	SB-9	SB-9	SHL-1
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SB-9-(0-5.7)	SB-9-(12-19.5)	SB-9-(5.7-12)	SHL-1-(0-6)
						Sample Date	02/14/2024	02/14/2024	02/14/2024	02/19/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.52 <i>U</i>	0.47 <i>U</i>	0.54 <i>U</i>	0.68 <i>U</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5				0.011 <i>U</i>	0.016 <i>J</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9				0.0057 <i>U</i>	0.0065 <i>U</i>	
Dichlorprop	120-36-5							0.009 <i>U</i>	0.016 <i>J</i>	
Picloram	1918-02-1							0.0077 <i>U</i>	0.0088 <i>U</i>	
Silvex	93-72-1	3.8		3.8	500			0.0065 <i>U</i>	0.0073 <i>U</i>	
Metals (mg/kg)										
Aluminum	7429-90-5		10000				9960 <i>J</i>	17000 <i>J</i>	12500 <i>J</i>	9270
Antimony	7440-36-0		12				0.48 <i>UJ</i>	0.46 <i>UJ</i>	2.2 <i>J</i>	6.9 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		9.4	14.2	15.8	13.6
Barium	7440-39-3	350	433	820	400		311 <i>J</i>	172 <i>J</i>	220 <i>J</i>	98.2
Beryllium	7440-41-7	7.2	10	47	590		0.48 <i>J</i>	1.1 <i>J</i>	0.57 <i>J</i>	0.54
Cadmium	7440-43-9	2.5	4	7.5	9.3		1.2	0.051 <i>J</i>	1.2	0.72
Calcium	7440-70-2		10000				15100 <i>J</i>	1350 <i>J</i>	8510 <i>J</i>	5970 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		13.1 <i>J</i>	23.2 <i>J</i>	15.7 <i>J</i>	17.3
Cobalt	7440-48-4		20				8.1	20.2	9.1	8.8
Copper	7440-50-8	50	50	1720	270		25.4 <i>J</i>	19.9 <i>J</i>	28.9 <i>J</i>	19.8
Iron	7439-89-6						21900 <i>J</i>	33200 <i>J</i>	24600 <i>J</i>	20900
Lead	7439-92-1	63	63	450	1000		214 <i>J</i>	108 <i>J</i>	240 <i>J</i>	169 <i>J</i>
Magnesium	7439-95-4						3420 <i>J</i>	5030 <i>J</i>	2980 <i>J</i>	3430
Manganese	7439-96-5	1600	1600	2000	10000		353 <i>J</i>	294 <i>J</i>	517 <i>J</i>	503 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.24 <i>J</i>	0.023 <i>J</i>	0.51 <i>J</i>	0.037
Nickel	7440-02-0	30	30	130	310		20.2	40.7	25	20.7
Potassium	7440-09-7						1170 <i>J</i>	2390 <i>J</i>	1220 <i>J</i>	1300
Selenium	7782-49-2	3.9	3.9	4	1500		0.55 <i>J</i>	0.62 <i>J</i>	0.85 <i>J</i>	1 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.24 <i>UJ</i>	0.23 <i>UJ</i>	0.24 <i>UJ</i>	0.3 <i>U</i>
Sodium	7440-23-5						106 <i>J</i>	177	194	78.8 <i>U</i>
Thallium	7440-28-0		5				0.36 <i>UJ</i>	0.34 <i>UJ</i>	0.37 <i>UJ</i>	0.44 <i>U</i>
Vanadium	7440-62-2		39				19 <i>J</i>	25.8 <i>J</i>	17.1 <i>J</i>	21.5
Zinc	7440-66-6	109	109	2480	10000		177 <i>J</i>	81.4 <i>J</i>	218 <i>J</i>	76.9
TCLP Metals (mg/L)										
Arsenic	7440-38-2							0.0056 <i>U</i>	0.026	
Barium	7440-39-3							1.3	1.7	
Cadmium	7440-43-9							0.00077 <i>J</i>	0.014	
Chromium	7440-47-3							0.01 <i>U</i>	0.01 <i>U</i>	
Lead	7439-92-1							0.018 <i>J</i>	0.34	
Mercury	7439-97-6							0.000043 <i>U</i>	0.000043 <i>U</i>	
Selenium	7782-49-2							0.0087 <i>U</i>	0.0087 <i>U</i>	
Silver	7440-22-4							0.0017 <i>U</i>	0.0017 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-9	SB-9	SB-9	SHL-1
							SB-9-(0-5.7) 02/14/2024	SB-9-(12-19.5) 02/14/2024	SB-9-(5.7-12) 02/14/2024	SHL-1-(0-6) 02/19/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00017 <i>U</i>	0.0002 <i>U</i>	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00044 <i>U</i>	0.0005 <i>U</i>	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000044 <i>U</i>	0.0000451 <i>J</i>	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.0011 <i>U</i>	0.0013 <i>U</i>	
3:3 perfluorohexanoic acid	356-02-5							0.00022 <i>U</i>	0.00025 <i>U</i>	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.00017 <i>U</i>	0.0002 <i>U</i>	
4:2 fluorotelomer sulfonate	757124-72-4							0.00017 <i>U</i>	0.0002 <i>U</i>	
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.00017 <i>U</i>	0.0002 <i>U</i>	
7:3 FTCA	812-70-4							0.0011 <i>U</i>	0.0013 <i>U</i>	
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00017 <i>U</i>	0.0002 <i>U</i>	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.00017 <i>U</i>	0.0002 <i>U</i>	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.00017 <i>U</i>	0.0002 <i>U</i>	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00044 <i>U</i>	0.0005 <i>U</i>	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000044 <i>U</i>	0.00005 <i>U</i>	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000044 <i>U</i>	0.000202 <i>J</i>	
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000044 <i>U</i>	0.00005 <i>U</i>	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.000087 <i>U</i>	0.0001 <i>U</i>	
Perfluoro-3-methoxypropanoic acid	377-73-1							0.000087 <i>U</i>	0.0001 <i>U</i>	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.000087 <i>U</i>	0.0001 <i>U</i>	
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.000087 <i>U</i>	0.0001 <i>U</i>	
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluorobutanoic acid	375-22-4							0.00017 <i>U</i>	0.0002 <i>U</i>	
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluorodecanoic acid	335-76-2							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluorododecanoic Acid	307-55-1							0.000044 <i>U</i>	0.0000387 <i>J</i>	
Perfluoroheptanesulfonic acid	375-92-8							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluoroheptanoic acid	375-85-9							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluorohexanoic acid	307-24-4							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluorononanesulfonic acid	68259-12-1							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluorononanoic acid	375-95-1							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44			0.000044 <i>U</i>	0.000389	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5			0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluoropentanesulfonic acid	2706-91-4							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluoropentanoic Acid	2706-90-3							0.000087 <i>U</i>	0.0001 <i>U</i>	
Perfluorotetradecanoic Acid	376-06-7							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluorotridecanoic Acid	72629-94-8							0.000044 <i>U</i>	0.00005 <i>U</i>	
Perfluoroundecanoic Acid	2058-94-8							0.000044 <i>U</i>	0.00005 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-9	SB-9	SB-9	SHL-1
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SB-9-(0-5.7)	SB-9-(12-19.5)	SB-9-(5.7-12)	SHL-1-(0-6)
						Sample Date	02/14/2024	02/14/2024	02/14/2024	02/19/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92			0.00035 <i>U</i>	0.0039 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	62			0.00038 <i>U</i>	0.0042 <i>U</i>	
4,4'-DDT	50-29-3	0.0033	0.0033	136	47			0.00057 <i>J</i>	0.009 <i>J</i>	
Aldrin	309-00-2	0.005	0.14	0.19	0.68			0.00044 <i>U</i>	0.005 <i>U</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4			0.00032 <i>U</i>	0.0036 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	3			0.00032 <i>U</i>	0.0036 <i>U</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24			0.00089 <i>U</i>	0.01 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	500			0.00033 <i>U</i>	0.0038 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	1.4			0.00043 <i>U</i>	0.0048 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	200			0.00034 <i>U</i>	0.0039 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	200			0.00032 <i>U</i>	0.0036 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	200			0.00033 <i>U</i>	0.0038 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	89			0.00035 <i>U</i>	0.004 <i>U</i>	
Endrin aldehyde	7421-93-4							0.00046 <i>U</i>	0.0052 <i>U</i>	
Endrin ketone	53494-70-5							0.00044 <i>U</i>	0.005 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2			0.00033 <i>U</i>	0.0037 <i>U</i>	
gamma-Chlordane	5566-34-7			14				0.00057 <i>U</i>	0.0064 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	15			0.00039 <i>U</i>	0.0044 <i>U</i>	
Heptachlor epoxide	1024-57-3			0.02				0.00046 <i>U</i>	0.0052 <i>U</i>	
Methoxychlor	72-43-5		1.2	900				0.00037 <i>U</i>	0.0041 <i>U</i>	
Toxaphene	8001-35-2							0.01 <i>U</i>	0.12 <i>U</i>	
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM							43.2 <i>U</i>	1190	
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1			0.044 <i>U</i>	0.052 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1			0.044 <i>U</i>	0.052 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1			0.044 <i>U</i>	0.052 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1			0.044 <i>U</i>	0.052 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1			0.044 <i>U</i>	0.052 <i>U</i>	
Aroclor 1254	11097-69-1	0.1	1	3.2	1			0.11 <i>U</i>	0.12 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1			0.11 <i>U</i>	0.12 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.77 <i>U</i>	0.037 <i>U</i>	0.21 <i>UJ</i>	0.048 <i>UJ</i>
Acenaphthene	83-32-9	20	20	98	500		0.56 <i>U</i>	0.027 <i>U</i>	0.15 <i>UJ</i>	0.035 <i>UJ</i>
Acenaphthylene	208-96-8	100		107	500		0.5 <i>U</i>	0.024 <i>U</i>	0.13 <i>UJ</i>	0.031 <i>UJ</i>
Anthracene	120-12-7	100		1000	500		0.95 <i>U</i>	0.045 <i>U</i>	0.26 <i>UJ</i>	0.059 <i>UJ</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.54 <i>J</i>	0.018 <i>U</i>	0.1 <i>UJ</i>	0.086 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.7 <i>J</i>	0.027 <i>U</i>	0.15 <i>UJ</i>	0.1 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.96 <i>J</i>	0.029 <i>U</i>	0.16 <i>UJ</i>	0.17 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.41 <i>U</i>	0.019 <i>U</i>	0.11 <i>UJ</i>	0.032 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.5 <i>U</i>	0.024 <i>U</i>	0.13 <i>UJ</i>	0.074 <i>J</i>
Chrysene	218-01-9	1		1	56		0.86 <i>U</i>	0.041 <i>U</i>	0.23 <i>UJ</i>	0.1 <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.68 <i>U</i>	0.032 <i>U</i>	0.18 <i>UJ</i>	0.042 <i>UJ</i>
Fluoranthene	206-44-0	100		1000	500		1.2 <i>J</i>	0.019 <i>U</i>	0.11 <i>UJ</i>	0.19 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.45 <i>U</i>	0.021 <i>U</i>	0.12 <i>UJ</i>	0.028 <i>UJ</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.47 <i>U</i>	0.023 <i>U</i>	0.13 <i>UJ</i>	0.037 <i>J</i>
Naphthalene	91-20-3	12		12	500		0.5 <i>U</i>	0.024 <i>U</i>	0.13 <i>UJ</i>	0.031 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	500		0.56 <i>U</i>	0.027 <i>U</i>	0.15 <i>UJ</i>	0.07 <i>J</i>
Pyrene	129-00-0	100		1000	500		0.73 <i>J</i>	0.021 <i>U</i>	0.12 <i>UJ</i>	0.13 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.56 <i>U</i>	0.027 <i>U</i>	0.15 <i>UJ</i>	0.035 <i>UJ</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SB-9	SB-9	SB-9	SHL-1
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SB-9-(0-5.7) 02/14/2024	SB-9-(12-19.5) 02/14/2024	SB-9-(5.7-12) 02/14/2024	SHL-1-(0-6) 02/19/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130			0.059 <i>UJ</i>	0.33 <i>UJ</i>	
2-Chloronaphthalene	91-58-7						0.63 <i>U</i>	0.03 <i>U</i>	0.17 <i>UJ</i>	0.04 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8				0.7 <i>U</i>	0.033 <i>U</i>	0.19 <i>U</i>	0.044 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.45 <i>U</i>	0.021 <i>U</i>	0.12 <i>U</i>	0.028 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.56 <i>U</i>	0.027 <i>U</i>	0.15 <i>UJ</i>	0.035 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			1.1 <i>U</i>	0.052 <i>U</i>	0.29 <i>U</i>	0.068 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.77 <i>U</i>	0.037 <i>U</i>	0.21 <i>UJ</i>	0.048 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.41 <i>U</i>	0.019 <i>U</i>	0.11 <i>U</i>	0.025 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.92 <i>U</i>	0.044 <i>U</i>	0.25 <i>U</i>	0.058 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			18 <i>U</i>	0.84 <i>U</i>	4.8 <i>U</i>	1.1 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.79 <i>U</i>	0.038 <i>U</i>	0.21 <i>UJ</i>	0.049 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			1 <i>U</i>	0.049 <i>U</i>	0.28 <i>U</i>	0.065 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.77 <i>U</i>	0.037 <i>U</i>	0.21 <i>U</i>	0.048 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.45 <i>U</i>	0.021 <i>U</i>	0.12 <i>UJ</i>	0.028 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			1.1 <i>U</i>	0.051 <i>U</i>	0.29 <i>UJ</i>	0.066 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						4.5 <i>U</i>	0.21 <i>U</i>	1.2 <i>UJ</i>	0.28 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.54 <i>U</i>	0.026 <i>U</i>	0.15 <i>UJ</i>	0.034 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.95 <i>U</i>	0.045 <i>U</i>	0.26 <i>U</i>	0.059 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.95 <i>U</i>	0.045 <i>U</i>	0.26 <i>UJ</i>	0.059 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.47 <i>U</i>	0.023 <i>U</i>	0.13 <i>UJ</i>	0.03 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.45 <i>U</i>	0.021 <i>U</i>	0.12 <i>U</i>	0.028 <i>U</i>
4-Nitroaniline	100-01-6						2 <i>U</i>	0.096 <i>U</i>	0.54 <i>UJ</i>	0.13 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			2.7 <i>U</i>	0.13 <i>U</i>	0.72 <i>U</i>	0.17 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						3.8 <i>U</i>	0.18 <i>U</i>	1 <i>U</i>	0.24 <i>U</i>
Acetophenone	98-86-2						0.52 <i>U</i>	0.025 <i>U</i>	0.14 <i>UJ</i>	0.033 <i>UJ</i>
Atrazine	1912-24-9						1.3 <i>U</i>	0.063 <i>U</i>	0.36 <i>UJ</i>	0.083 <i>UJ</i>
Benzaldehyde	100-52-7						3 <i>U</i>	0.15 <i>U</i>	0.82 <i>UJ</i>	0.19 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.5 <i>U</i>	0.024 <i>U</i>	0.13 <i>UJ</i>	0.031 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.81 <i>U</i>	0.039 <i>U</i>	0.22 <i>UJ</i>	0.051 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			1.3 <i>U</i>	0.062 <i>U</i>	0.35 <i>UJ</i>	0.082 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122			0.63 <i>U</i>	0.03 <i>U</i>	0.17 <i>UJ</i>	0.04 <i>UJ</i>
Carbazole	86-74-8						0.45 <i>U</i>	0.021 <i>U</i>	0.12 <i>UJ</i>	0.028 <i>UJ</i>
Caprolactam	105-60-2						1.1 <i>U</i>	0.055 <i>U</i>	0.31 <i>UJ</i>	0.072 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.65 <i>U</i>	0.031 <i>U</i>	0.18 <i>UJ</i>	0.041 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120			0.45 <i>U</i>	0.021 <i>U</i>	0.12 <i>UJ</i>	0.028 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	350		0.45 <i>U</i>	0.021 <i>U</i>	0.12 <i>UJ</i>	0.028 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1			0.5 <i>U</i>	0.024 <i>U</i>	0.13 <i>UJ</i>	0.031 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27			0.45 <i>U</i>	0.021 <i>U</i>	0.12 <i>UJ</i>	0.028 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.52 <i>U</i>	0.025 <i>U</i>	0.14 <i>UJ</i>	0.033 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.56 <i>U</i>	0.027 <i>U</i>	0.15 <i>UJ</i>	0.035 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.52 <i>U</i>	0.025 <i>U</i>	0.14 <i>UJ</i>	0.033 <i>UJ</i>
Hexachloroethane	67-72-1						0.5 <i>U</i>	0.024 <i>U</i>	0.13 <i>UJ</i>	0.031 <i>UJ</i>
Isophorone	78-59-1			4.4			0.81 <i>U</i>	0.039 <i>U</i>	0.22 <i>UJ</i>	0.051 <i>UJ</i>
N-Nitrosodi-n-propylamine	621-64-7						0.65 <i>U</i>	0.031 <i>U</i>	0.18 <i>UJ</i>	0.041 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				3.1 <i>U</i>	0.15 <i>U</i>	0.84 <i>UJ</i>	0.2 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	69		0.43 <i>U</i>	0.02 <i>U</i>	0.12 <i>UJ</i>	0.027 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		3.8 <i>U</i>	0.0059 <i>U</i>	0.014 <i>J</i>	0.24 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.59 <i>UJ</i>	0.028 <i>UJ</i>	0.16 <i>UJ</i>	0.037 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-9	SB-9	SB-9	SHL-1
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SB-9-(0-5.7)	SB-9-(12-19.5)	SB-9-(5.7-12)	SHL-1-(0-6)
						Sample Date	02/14/2024	02/14/2024	02/14/2024	02/19/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240			0.014 U	0.00032 U	
1,1-Dichloroethene	75-35-4	0.33		0.33	500			0.016 U	0.00032 U	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500			0.013 U	0.00019 U	
1,1,1,2-Tetrachloroethane	630-20-6							0.013 U	0.00026 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6				0.023 U	0.00059 U	
1,1,2-Trichloroethane	79-00-5							0.0096 U	0.00034 U	
1,1,2,2-Tetrachloroethane	79-34-5			0.6				0.0075 U	0.00042 U	
1,2-Dibromo-3-chloropropane	96-12-8							0.023 U	0.0013 U	
1,2-Dibromoethane	106-93-4							0.008 U	0.00033 U	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500			0.012 U	0.0002 U	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30			0.019 U	0.00013 U	
1,2-Dichloropropane	78-87-5		700					0.0074 U	0.0013 U	
1,2,4-Trichlorobenzene	120-82-1		20	3.4				0.017 U	0.00016 U	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190			0.013 U	0.0005 U	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280			0.012 U	0.00013 U	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190			0.014 U	0.00017 U	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130			0.0064 U	0.00036 U	
2-Butanone	78-93-3	0.12	100	0.3	500			0.14 U	0.0045 J	
2-Hexanone	591-78-6							0.094 U	0.0013 U	
4-Methyl-2-pentanone	108-10-1			1				0.015 U	0.00085 U	
Acetone	67-64-1	0.05	2.2	0.05	500			0.19 U	0.026	
Benzene	71-43-2	0.06	70	0.06	44			0.0087 U	0.00013 U	
Bromodichloromethane	75-27-4							0.0092 U	0.00035 U	
Bromoform	75-25-2							0.023 U	0.0013 U	
Bromomethane	74-83-9							0.01 U	0.00023 U	
Carbon disulfide	75-15-0			2.7				0.021 U	0.0013 U	
Carbon Tetrachloride	56-23-5	0.76		0.76	22			0.012 U	0.00025 U	
Chlorobenzene	108-90-7	1.1	40	1.1	500			0.0061 U	0.00034 U	
Chloroethane	75-00-3			1.9				0.0095 U	0.00059 U	
Chloroform	67-66-3	0.37	12	0.37	350			0.031 U	0.00016 U	
Chloromethane	74-87-3							0.011 U	0.00016 U	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500			0.013 U	0.00033 U	
cis-1,3-Dichloropropene	10061-01-5							0.011 U	0.00038 U	
Cyclohexane	110-82-7							0.01 U	0.00036 U	
Dibromochloromethane	124-48-1		10					0.022 U	0.00033 U	
Dichlorodifluoromethane	75-71-8							0.02 U	0.00022 U	
Ethylbenzene	100-41-4	1		1	390			0.013 U	0.00018 U	
Isopropylbenzene	98-82-8			2.3				0.0069 U	0.00039 U	
m,p-Xylene	179601-23-1							0.025 U	0.00044 U	
Methyl Acetate	79-20-9							0.022 U	0.0016 U	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500			0.017 U	0.00026 U	
Methylcyclohexane	108-87-2							0.021 U	0.0004 U	
Methylene Chloride	75-09-2	0.05	12	0.05	500			0.0091 U	0.0012 U	
n-Butylbenzene	104-51-8	12		12	500			0.013 U	0.00023 U	
n-Propylbenzene	103-65-1	3.9		3.9	500			0.012 U	0.00021 U	
o-Xylene	95-47-6							0.006 U	0.00034 U	
sec-Butylbenzene	135-98-8	11		11	500			0.017 U	0.00023 U	
Styrene	100-42-5		300					0.011 U	0.00013 U	
tert-Butylbenzene	98-06-6	5.9		5.9	500			0.013 U	0.00027 U	
Tetrachloroethene	127-18-4	1.3	2	1.3	150			0.0062 U	0.00035 U	

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SB-9	SB-9	SB-9	SHL-1
							SB-9-(0-5.7)	SB-9-(12-19.5)	SB-9-(5.7-12)	SHL-1-(0-6)
							02/14/2024	02/14/2024	02/14/2024	02/19/2024
Toluene	108-88-3	0.7	36	0.7	500			0.012 <i>U</i>	0.0002 <i>U</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500			0.011 <i>U</i>	0.00027 <i>U</i>	
trans-1,3-Dichloropropene	10061-02-6							0.0045 <i>U</i>	0.0011 <i>U</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	200			0.013 <i>U</i>	0.00057 <i>U</i>	
Trichlorofluoromethane	75-69-4							0.022 <i>UJ</i>	0.00025 <i>U</i>	
Vinyl Chloride	75-01-4	0.02		0.02	13			0.015 <i>U</i>	0.00032 <i>U</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	500			0.025 <i>U</i>	0.00044 <i>U</i>	

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-1	SHL-1	SHL-10	SHL-10
						Sample ID	SHL-1-(12-24)	SHL-1-(6-12)	SHL-10-(0-6)	SHL-10-(12-24)
						Sample Date	02/19/2024	02/19/2024	02/15/2024	02/15/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.53 <i>U</i>	0.54 <i>U</i>	0.46 <i>UJ</i>	0.5 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						
Dichlorprop	120-36-5									
Picloram	1918-02-1									
Silvex	93-72-1	3.8		3.8	500					
Metals (mg/kg)										
Aluminum	7429-90-5		10000				8850	9570	7160	14100
Antimony	7440-36-0		12				15.6 <i>J</i>	7.5 <i>J</i>	0.43 <i>UJ</i>	0.54 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		33.9	8.5	4.3	8
Barium	7440-39-3	350	433	820	400		244	104	50.8	135
Beryllium	7440-41-7	7.2	10	47	590		0.76	0.52	0.31	0.68
Cadmium	7440-43-9	2.5	4	7.5	9.3		1.6	0.43	0.061 <i>J</i>	0.078 <i>J</i>
Calcium	7440-70-2		10000				3140 <i>J</i>	3970 <i>J</i>	65900 <i>J</i>	3530 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		27.9	12.1	10.3	16.8
Cobalt	7440-48-4		20				12.2	8.1	6.3	11.4
Copper	7440-50-8	50	50	1720	270		170	14.8	21.8	21.6
Iron	7439-89-6						75100	19100	14600	23200
Lead	7439-92-1	63	63	450	1000		653 <i>J</i>	101 <i>J</i>	12.5	34.2
Magnesium	7439-95-4						1720	2900	9130 <i>J</i>	3260 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		553 <i>J</i>	652 <i>J</i>	367 <i>J</i>	489 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.34	0.042	0.0046 <i>U</i>	0.029
Nickel	7440-02-0	30	30	130	310		43.7	18.4	20.9	27.7
Potassium	7440-09-7						1110	1220	1160	1670
Selenium	7782-49-2	3.9	3.9	4	1500		1.2 <i>J</i>	0.48 <i>U</i>	0.43 <i>U</i>	0.68 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.25 <i>U</i>	0.24 <i>U</i>	0.21 <i>U</i>	0.23 <i>U</i>
Sodium	7440-23-5						123 <i>U</i>	51.7 <i>U</i>	113 <i>J</i>	72.4 <i>J</i>
Thallium	7440-28-0		5				0.37 <i>U</i>	0.36 <i>U</i>	0.41 <i>J</i>	0.53 <i>J</i>
Vanadium	7440-62-2		39				26.5	17.7	44.1	23.5
Zinc	7440-66-6	109	109	2480	10000		518	63.9	69 <i>J</i>	74.4 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-1	SHL-1	SHL-10	SHL-10
						Sample ID	SHL-1-(12-24)	SHL-1-(6-12)	SHL-10-(0-6)	SHL-10-(12-24)
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									
3:3 perfluorohexanoic acid	356-02-5									
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									
4:2 fluorotelomer sulfonate	757124-72-4									
6:2 Fluorotelomer sulfonic acid	27619-97-2									
7:3 FTCA	812-70-4									
8:2 Fluorotelomer sulfonic acid	39108-34-4									
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									
N-methylperfluoro-1-octanesulfonamide	31506-32-8									
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									
Perfluoro-3-methoxypropanoic acid	377-73-1									
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									
Perfluoro(4-methoxybutanoic) acid	863090-89-5									
Perfluorobutanesulfonic acid (PFBS)	375-73-5									
Perfluorobutanoic acid	375-22-4									
Perfluorodecanesulfonic acid (PFDS)	335-77-3									
Perfluorodecanoic acid	335-76-2									
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									
Perfluorododecanoic Acid	307-55-1									
Perfluoroheptanesulfonic acid	375-92-8									
Perfluoroheptanoic acid	375-85-9									
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									
Perfluorohexanoic acid	307-24-4									
Perfluorononanesulfonic acid	68259-12-1									
Perfluorononanoic acid	375-95-1									
Perfluorooctanesulfonamide (PFOSA)	754-91-6									
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					
Perfluoropentanesulfonic acid	2706-91-4									
Perfluoropentanoic Acid	2706-90-3									
Perfluorotetradecanoic Acid	376-06-7									
Perfluorotridecanoic Acid	72629-94-8									
Perfluoroundecanoic Acid	2058-94-8									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-1	SHL-1	SHL-10	SHL-10
							SHL-1-(12-24) 02/19/2024	SHL-1-(6-12) 02/19/2024	SHL-10-(0-6) 02/15/2024	SHL-10-(12-24) 02/15/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					
Aldrin	309-00-2	0.005		0.19	0.68					
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					
beta-BHC	319-85-7	0.036	0.6	0.09	3					
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					
delta-BHC	319-86-8	0.04	0.04	0.25	500					
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					
Endosulfan I	959-98-8	2.4		102	200					
Endosulfan II	33213-65-9	2.4		102	200					
Endosulfan sulfate	1031-07-8	2.4		1000	200					
Endrin	72-20-8	0.014	0.014	0.06	89					
Endrin aldehyde	7421-93-4									
Endrin ketone	53494-70-5									
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					
gamma-Chlordane	5566-34-7			14						
Heptachlor	76-44-8	0.042	0.14	0.38	15					
Heptachlor epoxide	1024-57-3			0.02						
Methoxychlor	72-43-5		1.2	900						
Toxaphene	8001-35-2									
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					
Aroclor 1221	11104-28-2	0.1	1	3.2	1					
Aroclor 1232	11141-16-5	0.1	1	3.2	1					
Aroclor 1242	53469-21-9	0.1	1	3.2	1					
Aroclor 1248	12672-29-6	0.1	1	3.2	1					
Aroclor 1254	11097-69-1	0.1	1	3.2	1					
Aroclor 1260	11096-82-5	0.1	1	3.2	1					
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.04 <i>UJ</i>	0.39 <i>U</i>	3.5 <i>U</i>	0.039 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.03 <i>UJ</i>	0.29 <i>U</i>	2.6 <i>U</i>	0.029 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.13 <i>J</i>	0.25 <i>U</i>	2.3 <i>U</i>	0.025 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.077 <i>J</i>	0.48 <i>U</i>	4.4 <i>U</i>	0.048 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.38 <i>J</i>	0.19 <i>U</i>	1.8 <i>U</i>	0.036 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.48 <i>J</i>	0.29 <i>U</i>	2.6 <i>U</i>	0.045 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.63 <i>J</i>	0.31 <i>U</i>	2.8 <i>U</i>	0.062 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.15 <i>J</i>	0.21 <i>UJ</i>	1.9 <i>U</i>	0.027 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.35 <i>J</i>	0.25 <i>U</i>	2.3 <i>U</i>	0.032 <i>J</i>
Chrysene	218-01-9	1		1	56		0.41 <i>J</i>	0.44 <i>U</i>	4 <i>U</i>	0.045 <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.056 <i>J</i>	0.34 <i>U</i>	3.1 <i>U</i>	0.034 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.71 <i>J</i>	0.21 <i>U</i>	1.9 <i>U</i>	0.065 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.03 <i>J</i>	0.23 <i>U</i>	2.1 <i>U</i>	0.023 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.16 <i>J</i>	0.24 <i>U</i>	2.2 <i>U</i>	0.024 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.026 <i>UJ</i>	0.25 <i>U</i>	2.3 <i>U</i>	0.025 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.37 <i>J</i>	0.29 <i>U</i>	2.6 <i>U</i>	0.029 <i>U</i>
Pyrene	129-00-0	100		1000	500		0.52 <i>J</i>	0.23 <i>U</i>	2.1 <i>U</i>	0.051 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.03 <i>UJ</i>	0.29 <i>U</i>	2.6 <i>U</i>	0.029 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-1	SHL-1	SHL-10	SHL-10
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-1-(12-24) 02/19/2024	SHL-1-(6-12) 02/19/2024	SHL-10-(0-6) 02/15/2024	SHL-10-(12-24) 02/15/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					
2-Chloronaphthalene	91-58-7						0.033 <i>UJ</i>	0.32 <i>U</i>	2.9 <i>U</i>	0.032 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.037 <i>U</i>	0.36 <i>U</i>	3.2 <i>U</i>	0.035 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.024 <i>U</i>	0.23 <i>U</i>	2.1 <i>U</i>	0.023 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.03 <i>UJ</i>	0.29 <i>U</i>	2.6 <i>U</i>	0.029 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.057 <i>U</i>	0.55 <i>U</i>	5 <i>U</i>	0.055 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.04 <i>UJ</i>	0.39 <i>U</i>	3.5 <i>U</i>	0.039 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.021 <i>U</i>	0.21 <i>U</i>	1.9 <i>U</i>	0.021 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.049 <i>U</i>	0.47 <i>U</i>	4.3 <i>U</i>	0.047 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			0.93 <i>U</i>	9 <i>U</i>	82 <i>U</i>	0.89 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.042 <i>UJ</i>	0.4 <i>U</i>	3.7 <i>U</i>	0.04 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.055 <i>U</i>	0.53 <i>U</i>	4.8 <i>U</i>	0.052 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.04 <i>U</i>	0.39 <i>U</i>	3.5 <i>U</i>	0.039 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.024 <i>UJ</i>	0.23 <i>U</i>	2.1 <i>U</i>	0.023 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.056 <i>UJ</i>	0.54 <i>U</i>	4.9 <i>U</i>	0.054 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						0.24 <i>UJ</i>	2.3 <i>U</i>	21 <i>U</i>	0.23 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.029 <i>UJ</i>	0.28 <i>U</i>	2.5 <i>U</i>	0.027 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.05 <i>U</i>	0.48 <i>U</i>	4.4 <i>U</i>	0.048 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.05 <i>UJ</i>	0.48 <i>U</i>	4.4 <i>U</i>	0.048 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.025 <i>UJ</i>	0.24 <i>U</i>	2.2 <i>U</i>	0.024 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.024 <i>U</i>	0.23 <i>U</i>	2.1 <i>U</i>	0.023 <i>U</i>
4-Nitroaniline	100-01-6						0.11 <i>UJ</i>	1 <i>U</i>	9.3 <i>U</i>	0.1 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.14 <i>U</i>	1.4 <i>U</i>	12 <i>U</i>	0.14 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.2 <i>U</i>	1.9 <i>U</i>	18 <i>U</i>	0.19 <i>U</i>
Acetophenone	98-86-2						0.027 <i>UJ</i>	0.26 <i>U</i>	2.4 <i>U</i>	0.026 <i>U</i>
Atrazine	1912-24-9						0.07 <i>UJ</i>	0.68 <i>U</i>	6.2 <i>U</i>	0.067 <i>U</i>
Benzaldehyde	100-52-7						0.16 <i>UJ</i>	1.5 <i>U</i>	14 <i>U</i>	0.15 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.026 <i>UJ</i>	0.25 <i>U</i>	2.3 <i>U</i>	0.025 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.043 <i>UJ</i>	0.41 <i>UJ</i>	3.8 <i>U</i>	0.041 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.069 <i>UJ</i>	0.66 <i>U</i>	6.1 <i>U</i>	0.066 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.033 <i>UJ</i>	0.32 <i>U</i>	2.9 <i>U</i>	0.032 <i>U</i>
Carbazole	86-74-8						0.039 <i>J</i>	0.23 <i>U</i>	2.1 <i>U</i>	0.023 <i>U</i>
Caprolactam	105-60-2						0.061 <i>UJ</i>	0.58 <i>U</i>	5.3 <i>U</i>	0.058 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.034 <i>UJ</i>	0.33 <i>U</i>	3 <i>U</i>	0.033 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.024 <i>UJ</i>	0.23 <i>U</i>	2.1 <i>U</i>	0.023 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.024 <i>UJ</i>	0.23 <i>U</i>	2.1 <i>U</i>	0.023 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.026 <i>UJ</i>	0.25 <i>U</i>	2.3 <i>U</i>	0.025 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.024 <i>UJ</i>	0.23 <i>U</i>	2.1 <i>U</i>	0.023 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.027 <i>UJ</i>	0.26 <i>U</i>	2.4 <i>U</i>	0.026 <i>U</i>
Hexachlorobutadiene	87-68-3						0.03 <i>UJ</i>	0.29 <i>U</i>	2.6 <i>U</i>	0.029 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.027 <i>UJ</i>	0.26 <i>U</i>	2.4 <i>U</i>	0.026 <i>U</i>
Hexachloroethane	67-72-1						0.026 <i>UJ</i>	0.25 <i>U</i>	2.3 <i>U</i>	0.025 <i>U</i>
Isophorone	78-59-1			4.4			0.043 <i>UJ</i>	0.41 <i>U</i>	3.8 <i>U</i>	0.041 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.034 <i>UJ</i>	0.33 <i>U</i>	3 <i>U</i>	0.033 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.16 <i>UJ</i>	1.6 <i>UJ</i>	14 <i>U</i>	0.16 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.023 <i>UJ</i>	0.22 <i>U</i>	2 <i>U</i>	0.022 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.2 <i>U</i>	1.9 <i>U</i>	18 <i>U</i>	0.19 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.031 <i>U</i>	0.3 <i>U</i>	2.7 <i>U</i>	0.03 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-1	SHL-1	SHL-10	SHL-10
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-1-(12-24)	SHL-1-(6-12)	SHL-10-(0-6)	SHL-10-(12-24)
02/19/202402/19/202402/15/202402/15/2024										
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					
1,1-Dichloroethene	75-35-4	0.33		0.33	500					
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					
1,1,1,2-Tetrachloroethane	630-20-6									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						
1,1,2-Trichloroethane	79-00-5									
1,1,2,2-Tetrachloroethane	79-34-5			0.6						
1,2-Dibromo-3-chloropropane	96-12-8									
1,2-Dibromoethane	106-93-4									
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					
1,2-Dichloropropane	78-87-5		700							
1,2,4-Trichlorobenzene	120-82-1		20	3.4						
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					
2-Butanone	78-93-3	0.12	100	0.3	500					
2-Hexanone	591-78-6									
4-Methyl-2-pentanone	108-10-1			1						
Acetone	67-64-1	0.05	2.2	0.05	500					
Benzene	71-43-2	0.06	70	0.06	44					
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon disulfide	75-15-0			2.7						
Carbon Tetrachloride	56-23-5	0.76		0.76	22					
Chlorobenzene	108-90-7	1.1	40	1.1	500					
Chloroethane	75-00-3			1.9						
Chloroform	67-66-3	0.37	12	0.37	350					
Chloromethane	74-87-3									
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1		10							
Dichlorodifluoromethane	75-71-8									
Ethylbenzene	100-41-4	1		1	390					
Isopropylbenzene	98-82-8			2.3						
m,p-Xylene	179601-23-1									
Methyl Acetate	79-20-9									
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					
Methylcyclohexane	108-87-2									
Methylene Chloride	75-09-2	0.05	12	0.05	500					
n-Butylbenzene	104-51-8	12		12	500					
n-Propylbenzene	103-65-1	3.9		3.9	500					
o-Xylene	95-47-6									
sec-Butylbenzene	135-98-8	11		11	500					
Styrene	100-42-5		300							
tert-Butylbenzene	98-06-6	5.9		5.9	500					
Tetrachloroethene	127-18-4	1.3	2	1.3	150					

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-1	SHL-1	SHL-10	SHL-10
							SHL-1-(12-24)	SHL-1-(6-12)	SHL-10-(0-6)	SHL-10-(12-24)
							02/19/2024	02/19/2024	02/15/2024	02/15/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-10	SHL-11	SHL-11	SHL-11
						Sample ID	SHL-10-(6-12)	SHL-11-(0-6)	SHL-11-(12-24)	SHL-11-(6-12)
						Sample Date	02/15/2024	02/15/2024	02/15/2024	02/15/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.53 <i>UJ</i>	0.46 <i>UJ</i>	0.46 <i>UJ</i>	0.54 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.012 <i>U</i>		0.011 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0059 <i>U</i>		0.0058 <i>U</i>	
Dichlorprop	120-36-5						0.0092 <i>U</i>		0.0091 <i>U</i>	
Picloram	1918-02-1						0.0079 <i>U</i>		0.0078 <i>U</i>	
Silvex	93-72-1	3.8		3.8	500		0.0066 <i>U</i>		0.0066 <i>U</i>	
Metals (mg/kg)										
Aluminum	7429-90-5		10000				12700	8660	9510	11100
Antimony	7440-36-0		12				0.44 <i>UJ</i>	0.4 <i>UJ</i>	6.4 <i>J</i>	0.47 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		10.3	7.5	12.7	9.5
Barium	7440-39-3	350	433	820	400		155	54	97.5	114
Beryllium	7440-41-7	7.2	10	47	590		0.7	0.4	0.53	0.64
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.1 <i>J</i>	0.053 <i>J</i>	0.41	0.15 <i>J</i>
Calcium	7440-70-2		10000				7240 <i>J</i>	42000	15700 J	9650
Chromium ^g	7440-47-3	1	1	19	400		15.8	11.6	11.8	13.4
Cobalt	7440-48-4		20				12.5	7.6	7.7	8.9
Copper	7440-50-8	50	50	1720	270		16	21.2	22.3	26.1
Iron	7439-89-6						24500	16500	17100	18300
Lead	7439-92-1	63	63	450	1000		29.6	26.4 <i>J</i>	98	128 J
Magnesium	7439-95-4						4520 <i>J</i>	6880 <i>J</i>	4080 <i>J</i>	3890 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		384 <i>J</i>	375	595 <i>J</i>	485
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.025	0.015 <i>J</i>	0.19	0.036
Nickel	7440-02-0	30	30	130	310		27	21.1	19.2	21.8
Potassium	7440-09-7						1870	1220	1560	1490
Selenium	7782-49-2	3.9	3.9	4	1500		0.69 <i>J</i>	0.43 <i>J</i>	0.65 <i>J</i>	0.72 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.22 <i>U</i>	0.2 <i>U</i>	0.22 <i>U</i>	0.24 <i>U</i>
Sodium	7440-23-5						66.2 <i>J</i>	92.2 <i>J</i>	104 <i>J</i>	114 <i>J</i>
Thallium	7440-28-0		5				0.36 <i>J</i>	0.43 <i>J</i>	0.64 <i>J</i>	0.6 <i>J</i>
Vanadium	7440-62-2		39				22.6	28.9	17.4	20.4
Zinc	7440-66-6	109	109	2480	10000		68 <i>J</i>	63.6	72.9 <i>J</i>	85.9
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.0056 <i>U</i>		0.0056 <i>U</i>	
Barium	7440-39-3						0.98 <i>J</i>		0.78 <i>J</i>	
Cadmium	7440-43-9						0.0015 <i>J</i>		0.0064	
Chromium	7440-47-3						0.01 <i>U</i>		0.01 <i>U</i>	
Lead	7439-92-1						0.013 <i>J</i>		0.21	
Mercury	7439-97-6						0.000043 <i>U</i>		0.000043 <i>U</i>	
Selenium	7782-49-2						0.0087 <i>U</i>		0.0087 <i>U</i>	
Silver	7440-22-4						0.0017 <i>U</i>		0.0017 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-10	SHL-11	SHL-11	SHL-11
							SHL-10-(6-12) 02/15/2024	SHL-11-(0-6) 02/15/2024	SHL-11-(12-24) 02/15/2024	SHL-11-(6-12) 02/15/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00019 <i>U</i>		0.00018 <i>U</i>	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00046 <i>U</i>		0.00044 <i>U</i>	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000046 <i>U</i>		0.000044 <i>U</i>	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.0012 <i>U</i>		0.0011 <i>U</i>	
3:3 perfluorohexanoic acid	356-02-5						0.00023 <i>U</i>		0.00022 <i>U</i>	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00019 <i>U</i>		0.00018 <i>U</i>	
4:2 fluorotelomer sulfonate	757124-72-4						0.00019 <i>U</i>		0.00018 <i>U</i>	
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00019 <i>U</i>		0.00018 <i>U</i>	
7:3 FTCA	812-70-4						0.0012 <i>U</i>		0.0011 <i>U</i>	
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00019 <i>U</i>		0.00018 <i>U</i>	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00019 <i>U</i>		0.00018 <i>U</i>	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00019 <i>U</i>		0.00018 <i>U</i>	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00046 <i>U</i>		0.00044 <i>U</i>	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000046 <i>U</i>		0.000044 <i>U</i>	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000046 <i>U</i>		0.000044 <i>U</i>	
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000046 <i>U</i>		0.000044 <i>U</i>	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000093 <i>U</i>		0.000088 <i>U</i>	
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000093 <i>U</i>		0.000088 <i>U</i>	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000093 <i>U</i>		0.000088 <i>U</i>	
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000093 <i>U</i>		0.000088 <i>U</i>	
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluorobutanoic acid	375-22-4						0.00019 <i>U</i>		0.00018 <i>U</i>	
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluorodecanoic acid	335-76-2						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluorododecanoic Acid	307-55-1						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluoroheptanesulfonic acid	375-92-8						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluoroheptanoic acid	375-85-9						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluorohexanoic acid	307-24-4						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluorononanesulfonic acid	68259-12-1						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluorononanoic acid	375-95-1						0.000063 <i>J</i>		0.000044 <i>U</i>	
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.00023		0.000044 <i>U</i>	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluoropentanesulfonic acid	2706-91-4						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluoropentanoic Acid	2706-90-3						0.000093 <i>U</i>		0.000088 <i>U</i>	
Perfluorotetradecanoic Acid	376-06-7						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluorotridecanoic Acid	72629-94-8						0.000046 <i>U</i>		0.000044 <i>U</i>	
Perfluoroundecanoic Acid	2058-94-8						0.00005 <i>J</i>		0.000044 <i>U</i>	

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-10	SHL-11	SHL-11	SHL-11
							SHL-10-(6-12) 02/15/2024	SHL-11-(0-6) 02/15/2024	SHL-11-(12-24) 02/15/2024	SHL-11-(6-12) 02/15/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.0073 <i>U</i>		0.0071 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.0079 <i>U</i>		0.0076 <i>U</i>	
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.011 <i>J</i>		0.0085 <i>U</i>	
Aldrin	309-00-2	0.005	0.14	0.19	0.68		0.0092 <i>U</i>		0.0089 <i>U</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.0067 <i>U</i>		0.0065 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.0067 <i>U</i>		0.0065 <i>U</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.019 <i>U</i>		0.018 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.007 <i>U</i>		0.0068 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.009 <i>U</i>		0.0087 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	200		0.0072 <i>U</i>		0.007 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	200		0.0067 <i>U</i>		0.0065 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.007 <i>U</i>		0.0068 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	89		0.0074 <i>U</i>		0.0072 <i>U</i>	
Endrin aldehyde	7421-93-4						0.0096 <i>U</i>		0.0093 <i>U</i>	
Endrin ketone	53494-70-5						0.0092 <i>U</i>		0.0089 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.0069 <i>U</i>		0.0067 <i>U</i>	
gamma-Chlordane	5566-34-7			14			0.012 <i>U</i>		0.012 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.0081 <i>U</i>		0.0079 <i>U</i>	
Heptachlor epoxide	1024-57-3			0.02			0.0097 <i>U</i>		0.0094 <i>U</i>	
Methoxychlor	72-43-5		1.2	900			0.0076 <i>U</i>		0.0074 <i>U</i>	
Toxaphene	8001-35-2						0.22 <i>U</i>		0.21 <i>U</i>	
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM						182		1120	
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.055 <i>U</i>		0.045 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.055 <i>U</i>		0.045 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.055 <i>U</i>		0.045 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.055 <i>U</i>		0.045 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.055 <i>U</i>		0.045 <i>U</i>	
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.13 <i>U</i>		0.11 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.13 <i>U</i>		0.11 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.038 <i>U</i>	3.6 <i>U</i>	0.036 <i>UJ</i>	0.38 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.028 <i>U</i>	2.6 <i>U</i>	0.027 <i>UJ</i>	0.28 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.025 <i>U</i>	2.3 <i>U</i>	0.086 <i>J</i>	0.24 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.047 <i>U</i>	4.4 <i>U</i>	0.076 <i>J</i>	0.46 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.092 <i>J</i>	1.8 <i>U</i>	0.37 <i>J</i>	0.19 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.13 <i>J</i>	2.6 <i>U</i>	0.43 <i>J</i>	0.28 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.19	2.8 <i>U</i>	0.6 <i>J</i>	0.3 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.074 <i>J</i>	1.9 <i>U</i>	0.21 <i>J</i>	0.2 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.067 <i>J</i>	2.3 <i>U</i>	0.35 <i>J</i>	0.24 <i>U</i>
Chrysene	218-01-9	1		1	56		0.13 <i>J</i>	4 <i>U</i>	0.36 <i>J</i>	0.42 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.034 <i>U</i>	3.1 <i>U</i>	0.032 <i>UJ</i>	0.33 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.18 <i>J</i>	1.9 <i>U</i>	0.64 <i>J</i>	0.26 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.022 <i>U</i>	2.1 <i>U</i>	0.021 <i>UJ</i>	0.22 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.056 <i>J</i>	2.2 <i>U</i>	0.18 <i>J</i>	0.23 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.025 <i>U</i>	2.3 <i>U</i>	0.024 <i>UJ</i>	0.24 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.058 <i>J</i>	2.6 <i>U</i>	0.27 <i>J</i>	0.28 <i>U</i>
Pyrene	129-00-0	100		1000	500		0.15 <i>J</i>	2.1 <i>U</i>	0.43 <i>J</i>	0.22 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.028 <i>U</i>	2.6 <i>U</i>	0.027 <i>UJ</i>	0.28 <i>U</i>

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-10	SHL-11	SHL-11	SHL-11
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-10-(6-12) 02/15/2024	SHL-11-(0-6) 02/15/2024	SHL-11-(12-24) 02/15/2024	SHL-11-(6-12) 02/15/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		0.061 <i>U</i>		0.059 <i>UJ</i>	
2-Chloronaphthalene	91-58-7						0.031 <i>U</i>	2.9 <i>U</i>	0.03 <i>UJ</i>	0.31 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.035 <i>U</i>	3.2 <i>U</i>	0.033 <i>U</i>	0.34 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.022 <i>U</i>	2.1 <i>U</i>	0.021 <i>U</i>	0.22 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.028 <i>U</i>	2.6 <i>U</i>	0.027 <i>UJ</i>	0.28 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.054 <i>U</i>	5 <i>U</i>	0.051 <i>U</i>	0.53 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.038 <i>U</i>	3.6 <i>U</i>	0.036 <i>UJ</i>	0.38 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.02 <i>U</i>	1.9 <i>U</i>	0.019 <i>U</i>	0.2 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.046 <i>U</i>	4.3 <i>U</i>	0.044 <i>U</i>	0.45 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			0.88 <i>U</i>	82 <i>U</i>	0.84 <i>U</i>	8.7 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.039 <i>U</i>	3.7 <i>U</i>	0.037 <i>UJ</i>	0.39 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.051 <i>U</i>	4.8 <i>U</i>	0.049 <i>U</i>	0.51 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.038 <i>U</i>	3.6 <i>U</i>	0.036 <i>U</i>	0.38 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.022 <i>U</i>	2.1 <i>U</i>	0.021 <i>UJ</i>	0.22 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.053 <i>U</i>	4.9 <i>U</i>	0.05 <i>UJ</i>	0.52 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						0.22 <i>U</i>	21 <i>U</i>	0.21 <i>UJ</i>	2.2 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.027 <i>U</i>	2.5 <i>U</i>	0.026 <i>UJ</i>	0.27 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.047 <i>U</i>	4.4 <i>U</i>	0.045 <i>U</i>	0.46 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.047 <i>U</i>	4.4 <i>U</i>	0.045 <i>UJ</i>	0.46 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.023 <i>U</i>	2.2 <i>U</i>	0.022 <i>UJ</i>	0.23 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.022 <i>U</i>	2.1 <i>U</i>	0.021 <i>U</i>	0.22 <i>U</i>
4-Nitroaniline	100-01-6						0.099 <i>U</i>	9.3 <i>U</i>	0.095 <i>UJ</i>	0.98 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.13 <i>U</i>	12 <i>U</i>	0.13 <i>U</i>	1.3 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.19 <i>U</i>	18 <i>U</i>	0.18 <i>U</i>	1.9 <i>U</i>
Acetophenone	98-86-2						0.026 <i>U</i>	2.4 <i>U</i>	0.025 <i>UJ</i>	0.25 <i>U</i>
Atrazine	1912-24-9						0.066 <i>U</i>	6.2 <i>U</i>	0.063 <i>UJ</i>	0.65 <i>U</i>
Benzaldehyde	100-52-7						0.15 <i>U</i>	14 <i>U</i>	0.14 <i>UJ</i>	1.5 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.025 <i>U</i>	2.3 <i>U</i>	0.024 <i>UJ</i>	0.24 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.04 <i>U</i>	3.8 <i>U</i>	0.039 <i>UJ</i>	0.4 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.065 <i>U</i>	6.1 <i>U</i>	0.062 <i>UJ</i>	0.64 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.031 <i>U</i>	2.9 <i>U</i>	0.03 <i>UJ</i>	0.31 <i>U</i>
Carbazole	86-74-8						0.022 <i>U</i>	2.1 <i>U</i>	0.034 <i>J</i>	0.22 <i>U</i>
Caprolactam	105-60-2						0.057 <i>U</i>	5.3 <i>U</i>	0.055 <i>UJ</i>	0.56 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.032 <i>U</i>	3 <i>U</i>	0.031 <i>UJ</i>	0.32 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.022 <i>U</i>	2.1 <i>U</i>	0.021 <i>UJ</i>	0.22 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.022 <i>U</i>	2.1 <i>U</i>	0.021 <i>UJ</i>	0.22 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.025 <i>U</i>	2.3 <i>U</i>	0.024 <i>UJ</i>	0.24 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.022 <i>U</i>	2.1 <i>U</i>	0.021 <i>UJ</i>	0.22 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.026 <i>U</i>	2.4 <i>U</i>	0.025 <i>UJ</i>	0.25 <i>U</i>
Hexachlorobutadiene	87-68-3						0.028 <i>U</i>	2.6 <i>U</i>	0.027 <i>UJ</i>	0.28 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.026 <i>U</i>	2.4 <i>U</i>	0.025 <i>UJ</i>	0.25 <i>U</i>
Hexachloroethane	67-72-1						0.025 <i>U</i>	2.3 <i>U</i>	0.024 <i>UJ</i>	0.24 <i>U</i>
Isophorone	78-59-1			4.4			0.04 <i>U</i>	3.8 <i>U</i>	0.039 <i>UJ</i>	0.4 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.032 <i>U</i>	3 <i>U</i>	0.031 <i>UJ</i>	0.32 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.15 <i>U</i>	14 <i>U</i>	0.15 <i>UJ</i>	1.5 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.021 <i>U</i>	2 <i>U</i>	0.02 <i>UJ</i>	0.21 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.006 <i>U</i>	18 <i>U</i>	0.0059 <i>U</i>	1.9 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.029 <i>U</i>	2.7 <i>U</i>	0.028 <i>U</i>	0.29 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-10	SHL-11	SHL-11	SHL-11
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SHL-10-(6-12) 02/15/2024	SHL-11-(0-6) 02/15/2024	SHL-11-(12-24) 02/15/2024	SHL-11-(6-12) 02/15/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00064 <i>U</i>		0.00044 <i>U</i>	
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.00065 <i>U</i>		0.00044 <i>U</i>	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.00038 <i>U</i>		0.00026 <i>U</i>	
1,1,1,2-Tetrachloroethane	630-20-6						0.00053 <i>U</i>		0.00036 <i>U</i>	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.0012 <i>U</i>		0.00082 <i>U</i>	
1,1,2-Trichloroethane	79-00-5						0.00069 <i>U</i>		0.00047 <i>U</i>	
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.00086 <i>U</i>		0.00059 <i>U</i>	
1,2-Dibromo-3-chloropropane	96-12-8						0.0026 <i>U</i>		0.0018 <i>U</i>	
1,2-Dibromoethane	106-93-4						0.00068 <i>U</i>		0.00046 <i>U</i>	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.00041 <i>U</i>		0.00028 <i>U</i>	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00027 <i>U</i>		0.00018 <i>U</i>	
1,2-Dichloropropane	78-87-5		700				0.0026 <i>U</i>		0.0018 <i>U</i>	
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00032 <i>U</i>		0.00022 <i>U</i>	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.001 <i>U</i>		0.00069 <i>U</i>	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.00027 <i>U</i>		0.00019 <i>U</i>	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.00034 <i>U</i>		0.00023 <i>U</i>	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.00074 <i>U</i>		0.00051 <i>U</i>	
2-Butanone	78-93-3	0.12	100	0.3	500		0.0019 <i>U</i>		0.0013 <i>U</i>	
2-Hexanone	591-78-6						0.0026 <i>U</i>		0.0018 <i>U</i>	
4-Methyl-2-pentanone	108-10-1			1			0.0017 <i>U</i>		0.0012 <i>U</i>	
Acetone	67-64-1	0.05	2.2	0.05	500		0.014 <i>J</i>		0.003 <i>U</i>	
Benzene	71-43-2	0.06	70	0.06	44		0.00026 <i>U</i>		0.00018 <i>U</i>	
Bromodichloromethane	75-27-4						0.00071 <i>U</i>		0.00048 <i>U</i>	
Bromoform	75-25-2						0.0026 <i>U</i>		0.0018 <i>U</i>	
Bromomethane	74-83-9						0.00048 <i>U</i>		0.00033 <i>U</i>	
Carbon disulfide	75-15-0			2.7			0.0026 <i>U</i>		0.0018 <i>U</i>	
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00051 <i>U</i>		0.00035 <i>U</i>	
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.0007 <i>U</i>		0.00048 <i>U</i>	
Chloroethane	75-00-3			1.9			0.0012 <i>U</i>		0.00082 <i>U</i>	
Chloroform	67-66-3	0.37	12	0.37	350		0.00033 <i>U</i>		0.00022 <i>U</i>	
Chloromethane	74-87-3						0.00032 <i>U</i>		0.00022 <i>U</i>	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.00068 <i>U</i>		0.00046 <i>U</i>	
cis-1,3-Dichloropropene	10061-01-5						0.00076 <i>U</i>		0.00052 <i>U</i>	
Cyclohexane	110-82-7						0.00074 <i>U</i>		0.00051 <i>U</i>	
Dibromochloromethane	124-48-1		10				0.00068 <i>U</i>		0.00046 <i>U</i>	
Dichlorodifluoromethane	75-71-8						0.00044 <i>U</i>		0.0003 <i>U</i>	
Ethylbenzene	100-41-4	1		1	390		0.00036 <i>U</i>		0.00025 <i>U</i>	
Isopropylbenzene	98-82-8			2.3			0.0008 <i>U</i>		0.00055 <i>U</i>	
m,p-Xylene	179601-23-1						0.00089 <i>U</i>		0.00061 <i>U</i>	
Methyl Acetate	79-20-9						0.0032 <i>U</i>		0.0022 <i>U</i>	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00052 <i>U</i>		0.00035 <i>U</i>	
Methylcyclohexane	108-87-2						0.0008 <i>U</i>		0.00055 <i>U</i>	
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.0024 <i>U</i>		0.0017 <i>U</i>	
n-Butylbenzene	104-51-8	12		12	500		0.00046 <i>U</i>		0.00031 <i>U</i>	
n-Propylbenzene	103-65-1	3.9		3.9	500		0.00042 <i>U</i>		0.00029 <i>U</i>	
o-Xylene	95-47-6						0.00069 <i>U</i>		0.00047 <i>U</i>	
sec-Butylbenzene	135-98-8	11		11	500		0.00046 <i>U</i>		0.00031 <i>U</i>	
Styrene	100-42-5		300				0.00026 <i>U</i>		0.00018 <i>U</i>	
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.00055 <i>U</i>		0.00038 <i>U</i>	
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.00071 <i>U</i>		0.00049 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-10	SHL-11	SHL-11	SHL-11
							SHL-10-(6-12)	SHL-11-(0-6)	SHL-11-(12-24)	SHL-11-(6-12)
							02/15/2024	02/15/2024	02/15/2024	02/15/2024
Toluene	108-88-3	0.7	36	0.7	500		0.0004 <i>U</i>		0.00027 <i>U</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.00055 <i>U</i>		0.00037 <i>U</i>	
trans-1,3-Dichloropropene	10061-02-6						0.0023 <i>U</i>		0.0016 <i>U</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.0012 <i>U</i>		0.0008 <i>U</i>	
Trichlorofluoromethane	75-69-4						0.0005 <i>U</i>		0.00034 <i>U</i>	
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00064 <i>U</i>		0.00044 <i>U</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.00089 <i>U</i>		0.00061 <i>U</i>	

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-12	SHL-12	SHL-12	SHL-13
						Sample ID	SHL-12-(0-6)	SHL-12-(12-24)	SHL-12-(6-12)	FDUP_021524
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.43 <i>UJ</i>	0.55 <i>UJ</i>	0.5 <i>UJ</i>	0.48 <i>U</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.011 <i>U</i>			
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0055 <i>U</i>			
Dichlorprop	120-36-5						0.0086 <i>U</i>			
Picloram	1918-02-1						0.0074 <i>U</i>			
Silvex	93-72-1	3.8		3.8	500		0.0062 <i>U</i>			
Metals (mg/kg)										
Aluminum	7429-90-5		10000				6920	9050	11400	9520
Antimony	7440-36-0		12				0.42 <i>UJ</i>	0.48 <i>UJ</i>	0.42 <i>UJ</i>	1.8 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		4.7	11.5	6.4	9.4
Barium	7440-39-3	350	433	820	400		40.7	146	108	69.9
Beryllium	7440-41-7	7.2	10	47	590		0.24	0.46	0.46	0.46
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.031 <i>U</i>	0.88	0.26	0.5
Calcium	7440-70-2		10000				67200	30800	48000	2250
Chromium ^g	7440-47-3	1	1	19	400		8.4	14.5	14	16.2
Cobalt	7440-48-4		20				5.3	8.4	9.2	8.8
Copper	7440-50-8	50	50	1720	270		16.7	27	26.5	27.2
Iron	7439-89-6						11800	18100	21100	23600
Lead	7439-92-1	63	63	450	1000		10.2 <i>J</i>	337 <i>J</i>	36 <i>J</i>	66.3
Magnesium	7439-95-4						10600 <i>J</i>	5750 <i>J</i>	6160 <i>J</i>	3020
Manganese	7439-96-5	1600	1600	2000	10000		394	482	424	422
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.005 <i>U</i>	0.16	0.03	0.033
Nickel	7440-02-0	30	30	130	310		22.4	22.1	25.7	22.9
Potassium	7440-09-7						884	1420	1460	1100
Selenium	7782-49-2	3.9	3.9	4	1500		0.42 <i>U</i>	0.48 <i>U</i>	0.73 <i>J</i>	0.63 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.21 <i>U</i>	0.24 <i>U</i>	0.21 <i>U</i>	0.21 <i>U</i>
Sodium	7440-23-5						121 <i>J</i>	129 <i>J</i>	234	342
Thallium	7440-28-0		5				0.33 <i>J</i>	0.63 <i>J</i>	0.44 <i>J</i>	0.32 <i>U</i>
Vanadium	7440-62-2		39				48.2	20.2	21	18.1
Zinc	7440-66-6	109	109	2480	10000		49.7	173	77.6	115
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.0056 <i>U</i>			
Barium	7440-39-3						0.34 <i>J</i>			
Cadmium	7440-43-9						0.0005 <i>U</i>			
Chromium	7440-47-3						0.01 <i>U</i>			
Lead	7439-92-1						0.003 <i>U</i>			
Mercury	7439-97-6						0.000043 <i>U</i>			
Selenium	7782-49-2						0.0087 <i>U</i>			
Silver	7440-22-4						0.0017 <i>U</i>			

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-12	SHL-12	SHL-12	SHL-13
						Sample ID	SHL-12-(0-6)	SHL-12-(12-24)	SHL-12-(6-12)	FDUP_021524
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00017	U		
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00043	U		
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000043	U		
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.0011	U		
3:3 perfluorohexanoic acid	356-02-5						0.00022	U		
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00017	U		
4:2 fluorotelomer sulfonate	757124-72-4						0.00017	U		
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00017	U		
7:3 FTCA	812-70-4						0.0011	U		
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00017	U		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00017	U		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00017	U		
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00043	U		
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000043	U		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000043	U		
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000043	U		
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000086	U		
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000086	U		
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000086	U		
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000086	U		
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000043	U		
Perfluorobutanoic acid	375-22-4						0.00017	U		
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000043	U		
Perfluorodecanoic acid	335-76-2						0.000043	U		
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000043	U		
Perfluorododecanoic Acid	307-55-1						0.000043	U		
Perfluoroheptanesulfonic acid	375-92-8						0.000043	U		
Perfluoroheptanoic acid	375-85-9						0.000043	U		
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000043	U		
Perfluorohexanoic acid	307-24-4						0.000043	U		
Perfluorononanesulfonic acid	68259-12-1						0.000043	U		
Perfluorononanoic acid	375-95-1						0.000043	U		
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000043	U		
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.000078	J		
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.000043	U		
Perfluoropentanesulfonic acid	2706-91-4						0.000043	U		
Perfluoropentanoic Acid	2706-90-3						0.000086	U		
Perfluorotetradecanoic Acid	376-06-7						0.000043	U		
Perfluorotridecanoic Acid	72629-94-8						0.000043	U		
Perfluoroundecanoic Acid	2058-94-8						0.000043	U		

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-12	SHL-12	SHL-12	SHL-13
							SHL-12-(0-6) 02/15/2024	SHL-12-(12-24) 02/15/2024	SHL-12-(6-12) 02/15/2024	FDUP_021524 02/15/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.017	U		
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.018	U		
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.02	U		
Aldrin	309-00-2	0.005		0.19	0.68		0.021	U		
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.016	U		
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.016	U		
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.043	U		
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.016	U		
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.021	U		
Endosulfan I	959-98-8	2.4		102	200		0.017	U		
Endosulfan II	33213-65-9	2.4		102	200		0.016	U		
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.016	U		
Endrin	72-20-8	0.014	0.014	0.06	89		0.017	U		
Endrin aldehyde	7421-93-4						0.022	U		
Endrin ketone	53494-70-5						0.021	U		
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.016	U		
gamma-Chlordane	5566-34-7			14			0.028	U		
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.019	U		
Heptachlor epoxide	1024-57-3			0.02			0.022	U		
Methoxychlor	72-43-5		1.2	900			0.018	U		
Toxaphene	8001-35-2						0.51	U		
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM						2530			
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.05	UJ		
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.05	UJ		
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.05	UJ		
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.05	UJ		
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.05	UJ		
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.12	UJ		
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.12	UJ		
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			3.5	U	0.39	U
Acenaphthene	83-32-9	20	20	98	500		2.6	U	0.29	U
Acenaphthylene	208-96-8	100		107	500		2.2	U	0.25	U
Anthracene	120-12-7	100		1000	500		4.3	U	0.49	U
Benzo[a]anthracene	56-55-3	1		1	5.6		1.7	U	0.34	J
Benzo[a]pyrene	50-32-8	1	2.6	22	1		2.6	U	0.36	J
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		2.8	U	0.44	J
Benzo[g,h,i]perylene	191-24-2	100		1000	500		1.8	U	0.33	J
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		2.2	U	0.25	U
Chrysene	218-01-9	1		1	56		3.9	U	0.44	U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		3.1	U	0.35	U
Fluoranthene	206-44-0	100		1000	500		1.8	U	0.52	J
Fluorene	86-73-7	30	30	386	500		2	U	0.23	U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		2.1	U	0.24	J
Naphthalene	91-20-3	12		12	500		2.2	U	0.25	U
Phenanthrene	85-01-8	100		1000	500		2.6	U	0.29	U
Pyrene	129-00-0	100		1000	500		2	U	0.48	J
1,1'-Biphenyl	92-52-4		60				2.6	U	0.29	U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-12	SHL-12	SHL-12	SHL-13
							SHL-12-(0-6) 02/15/2024	SHL-12-(12-24) 02/15/2024	SHL-12-(6-12) 02/15/2024	FDUP_021524 02/15/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		5.6 <i>U</i>			
2-Chloronaphthalene	91-58-7						2.9 <i>U</i>	0.32 <i>U</i>	0.3 <i>U</i>	0.3 <i>U</i>
2-Chlorophenol	95-57-8		0.8				3.2 <i>U</i>	0.36 <i>U</i>	0.33 <i>U</i>	0.34 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		2 <i>U</i>	0.23 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>
2-Nitroaniline	88-74-4			0.4			2.6 <i>U</i>	0.29 <i>U</i>	0.27 <i>U</i>	0.27 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			4.9 <i>U</i>	0.56 <i>U</i>	0.52 <i>U</i>	0.52 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						3.5 <i>U</i>	0.39 <i>U</i>	0.37 <i>U</i>	0.37 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			1.8 <i>U</i>	0.21 <i>U</i>	0.19 <i>U</i>	0.2 <i>U</i>
2,4-Dimethylphenol	105-67-9						4.2 <i>U</i>	0.48 <i>U</i>	0.44 <i>U</i>	0.45 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			80 <i>U</i>	9.1 <i>U</i>	8.4 <i>U</i>	8.5 <i>U</i>
2,4-Dinitrotoluene	121-14-2						3.6 <i>U</i>	0.41 <i>U</i>	0.38 <i>U</i>	0.38 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			4.7 <i>U</i>	0.53 <i>U</i>	0.49 <i>U</i>	0.5 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				3.5 <i>U</i>	0.39 <i>U</i>	0.37 <i>U</i>	0.37 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			2 <i>U</i>	0.23 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>
3-Nitroaniline	99-09-2			0.5			4.8 <i>U</i>	0.54 <i>U</i>	0.51 <i>U</i>	0.51 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						20 <i>U</i>	2.3 <i>U</i>	2.1 <i>U</i>	2.2 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						2.5 <i>U</i>	0.28 <i>U</i>	0.26 <i>U</i>	0.26 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						4.3 <i>U</i>	0.49 <i>U</i>	0.45 <i>U</i>	0.46 <i>U</i>
4-Chloroaniline	106-47-8			0.22			4.3 <i>U</i>	0.49 <i>U</i>	0.45 <i>U</i>	0.46 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						2.1 <i>U</i>	0.24 <i>U</i>	0.23 <i>U</i>	0.23 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		2 <i>U</i>	0.23 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>
4-Nitroaniline	100-01-6						9.1 <i>U</i>	1 <i>U</i>	0.96 <i>U</i>	0.97 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			12 <i>U</i>	1.4 <i>U</i>	1.3 <i>U</i>	1.3 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						17 <i>U</i>	2 <i>U</i>	1.8 <i>U</i>	1.9 <i>U</i>
Acetophenone	98-86-2						2.4 <i>U</i>	0.27 <i>U</i>	0.25 <i>U</i>	0.25 <i>U</i>
Atrazine	1912-24-9						6 <i>U</i>	0.68 <i>U</i>	0.63 <i>U</i>	0.64 <i>U</i>
Benzaldehyde	100-52-7						14 <i>U</i>	1.6 <i>U</i>	1.5 <i>U</i>	1.5 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						2.2 <i>U</i>	0.25 <i>U</i>	0.24 <i>U</i>	0.24 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						3.7 <i>U</i>	0.42 <i>U</i>	0.39 <i>U</i>	0.39 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			5.9 <i>U</i>	0.67 <i>U</i>	0.62 <i>U</i>	0.63 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			2.9 <i>U</i>	0.32 <i>U</i>	0.3 <i>U</i>	0.3 <i>U</i>
Carbazole	86-74-8						2 <i>U</i>	0.23 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>
Caprolactam	105-60-2						5.2 <i>U</i>	0.59 <i>U</i>	0.55 <i>U</i>	0.56 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			3 <i>U</i>	0.34 <i>U</i>	0.31 <i>U</i>	0.32 <i>U</i>
Di-n-octylphthalate	117-84-0			120			2 <i>U</i>	0.23 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		2 <i>U</i>	0.23 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			2.2 <i>U</i>	0.25 <i>U</i>	0.24 <i>U</i>	0.24 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			2 <i>U</i>	0.23 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		2.4 <i>U</i>	0.27 <i>U</i>	0.25 <i>U</i>	0.25 <i>U</i>
Hexachlorobutadiene	87-68-3						2.6 <i>U</i>	0.29 <i>U</i>	0.27 <i>U</i>	0.27 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				2.4 <i>U</i>	0.27 <i>U</i>	0.25 <i>U</i>	0.25 <i>U</i>
Hexachloroethane	67-72-1						2.2 <i>U</i>	0.25 <i>U</i>	0.24 <i>U</i>	0.24 <i>U</i>
Isophorone	78-59-1			4.4			3.7 <i>U</i>	0.42 <i>U</i>	0.39 <i>U</i>	0.39 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						3 <i>U</i>	0.34 <i>U</i>	0.31 <i>U</i>	0.32 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				14 <i>U</i>	1.6 <i>U</i>	1.5 <i>U</i>	1.5 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		1.9 <i>U</i>	0.22 <i>U</i>	0.2 <i>U</i>	0.21 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0056 <i>U</i>	2 <i>U</i>	1.8 <i>U</i>	1.9 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		2.7 <i>U</i>	0.3 <i>U</i>	0.28 <i>U</i>	0.28 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-12	SHL-12	SHL-12	SHL-13
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-12-(0-6)	SHL-12-(12-24)	SHL-12-(6-12)	FDUP_021524
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Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-12	SHL-12	SHL-12	SHL-13
							SHL-12-(0-6)	SHL-12-(12-24)	SHL-12-(6-12)	FDUP_021524
							02/15/2024	02/15/2024	02/15/2024	02/15/2024
Toluene	108-88-3	0.7	36	0.7	500		0.00051 <i>U</i>			
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.00069 <i>U</i>			
trans-1,3-Dichloropropene	10061-02-6						0.0029 <i>U</i>			
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.0015 <i>U</i>			
Trichlorofluoromethane	75-69-4						0.00063 <i>U</i>			
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00082 <i>U</i>			
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.0011 <i>U</i>			

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-13	SHL-13	SHL-13	SHL-13
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	FDUP2_021524	SHL-13-(0-6)	SHL-13-(12-24)	SHL-13-(6-12)
						Sample Date	02/15/2024	02/15/2024	02/15/2024	02/15/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.52 <i>U</i>	0.6 <i>U</i>	0.56 <i>U</i>	0.48 <i>U</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.012 <i>U</i>		0.012 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0061 <i>U</i>		0.0061 <i>U</i>	
Dichlorprop	120-36-5						0.0095 <i>U</i>		0.0096 <i>U</i>	
Picloram	1918-02-1						0.0082 <i>U</i>		0.0082 <i>U</i>	
Silvex	93-72-1	3.8		3.8	500		0.0069 <i>U</i>		0.0069 <i>U</i>	
Metals (mg/kg)										
Aluminum	7429-90-5		10000				7980	9960	8010	11100
Antimony	7440-36-0		12				0.91 <i>J</i>	1.2 <i>J</i>	1.3 <i>J</i>	2.8 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		8.8	8	9.2	12
Barium	7440-39-3	350	433	820	400		92.3	87.2	86.8	102
Beryllium	7440-41-7	7.2	10	47	590		0.45	0.48	0.43	0.5
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.57	0.51	0.52	0.54
Calcium	7440-70-2		10000				38600	19600	5840	2150
Chromium ^g	7440-47-3	1	1	19	400		11.1	30.7	11.9	21.1
Cobalt	7440-48-4		20				7.2	8.8	7.2	11
Copper	7440-50-8	50	50	1720	270		25.6	33.9	24.2	41.9
Iron	7439-89-6						15800	20700	17600	35600
Lead	7439-92-1	63	63	450	1000		164	70.1	186	134
Magnesium	7439-95-4						2790	6350	3490	3300
Manganese	7439-96-5	1600	1600	2000	10000		566	460	365	495
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.14	0.036	0.13	0.044
Nickel	7440-02-0	30	30	130	310		16.8	23.3	17.2	28.4
Potassium	7440-09-7						1240	1470	1160	1260
Selenium	7782-49-2	3.9	3.9	4	1500		0.56 <i>J</i>	0.5 <i>U</i>	0.45 <i>U</i>	0.84 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.24 <i>U</i>	0.25 <i>U</i>	0.26 <i>J</i>	0.24 <i>U</i>
Sodium	7440-23-5						323	351	319	363
Thallium	7440-28-0		5				0.36 <i>U</i>	0.37 <i>U</i>	0.34 <i>U</i>	0.35 <i>U</i>
Vanadium	7440-62-2		39				14.1	27.1	14.1	19.6
Zinc	7440-66-6	109	109	2480	10000		135	193	137	142
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.0059 <i>J</i>		0.0056 <i>U</i>	
Barium	7440-39-3						1.7		1.1	
Cadmium	7440-43-9						0.0064 <i>J</i>		0.0075 <i>J</i>	
Chromium	7440-47-3						0.01 <i>U</i>		0.01 <i>U</i>	
Lead	7439-92-1						0.1		0.13	
Mercury	7439-97-6						0.000043 <i>U</i>		0.000043 <i>U</i>	
Selenium	7782-49-2						0.0087 <i>U</i>		0.0087 <i>U</i>	
Silver	7440-22-4						0.0017 <i>UJ</i>		0.0017 <i>UJ</i>	

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-13	SHL-13	SHL-13	SHL-13	
						Sample ID	FDUP2_021524	SHL-13-(0-6)	SHL-13-(12-24)	SHL-13-(6-12)	
							Sample Date	02/15/2024	02/15/2024	02/15/2024	02/15/2024
Per- and Polyfluoroalkyl Substances (mg/kg)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00014 U		0.00019 U	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00036 U		0.00046 U	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000036 U		0.000046 U	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.0009 U		0.0012 U	
3:3 perfluorohexanoic acid	356-02-5							0.00018 U		0.00023 U	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.00014 U		0.00019 U	
4:2 fluorotelomer sulfonate	757124-72-4							0.00014 U		0.00019 U	
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.00014 U		0.00019 U	
7:3 FTCA	812-70-4							0.0009 U		0.0012 U	
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00014 U		0.00019 U	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.00014 U		0.00019 U	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.00014 U		0.00019 U	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00036 U		0.00046 U	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000036 U		0.000046 U	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000036 U		0.000046 U	
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000036 U		0.000046 U	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.000072 U		0.000093 U	
Perfluoro-3-methoxypropanoic acid	377-73-1							0.000072 U		0.000093 U	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.000072 U		0.000093 U	
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.000072 U		0.000093 U	
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000036 U		0.000046 U	
Perfluorobutanoic acid	375-22-4							0.00014 U		0.00019 U	
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000036 U		0.000046 U	
Perfluorodecanoic acid	335-76-2							0.000077 J		0.000077 J	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000036 U		0.000046 U	
Perfluorododecanoic Acid	307-55-1							0.000036 U		0.000046 U	
Perfluoroheptanesulfonic acid	375-92-8							0.000036 U		0.000046 U	
Perfluoroheptanoic acid	375-85-9							0.000036 U		0.000046 U	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000036 U		0.000046 U	
Perfluorohexanoic acid	307-24-4							0.000044 J		0.000046 U	
Perfluorononanesulfonic acid	68259-12-1							0.000036 U		0.000046 U	
Perfluorononanoic acid	375-95-1							0.000047 J		0.000046 U	
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.000036 U		0.000046 U	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44			0.0004		0.00035	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5			0.000046 J		0.000046 U	
Perfluoropentanesulfonic acid	2706-91-4							0.000036 U		0.000046 U	
Perfluoropentanoic Acid	2706-90-3							0.000072 U		0.000093 U	
Perfluorotetradecanoic Acid	376-06-7							0.000036 U		0.000046 U	
Perfluorotridecanoic Acid	72629-94-8							0.000036 U		0.000046 U	
Perfluoroundecanoic Acid	2058-94-8							0.000051 J		0.000064 J	

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-13	SHL-13	SHL-13	SHL-13
						Sample ID Sample Date	FDUP2_021524 02/15/2024	SHL-13-(0-6) 02/15/2024	SHL-13-(12-24) 02/15/2024	SHL-13-(6-12) 02/15/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.0074 <i>U</i>		0.0075 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.0079 <i>U</i>		0.008 <i>U</i>	
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.022 <i>J</i>		0.023 <i>J</i>	
Aldrin	309-00-2	0.005		0.19	0.68		0.0093 <i>U</i>		0.0094 <i>U</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.0068 <i>U</i>		0.0069 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.0068 <i>U</i>		0.0069 <i>U</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.019 <i>U</i>		0.019 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.007 <i>U</i>		0.0071 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.0091 <i>U</i>		0.0092 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	200		0.0073 <i>U</i>		0.0074 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	200		0.0068 <i>U</i>		0.0069 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.0071 <i>U</i>		0.0072 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	89		0.0075 <i>U</i>		0.0076 <i>U</i>	
Endrin aldehyde	7421-93-4						0.0097 <i>U</i>		0.0098 <i>U</i>	
Endrin ketone	53494-70-5						0.0093 <i>U</i>		0.0094 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.0069 <i>U</i>		0.007 <i>U</i>	
gamma-Chlordane	5566-34-7			14			0.012 <i>U</i>		0.012 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.0082 <i>U</i>		0.0083 <i>U</i>	
Heptachlor epoxide	1024-57-3			0.02			0.0098 <i>U</i>		0.0099 <i>U</i>	
Methoxychlor	72-43-5		1.2	900			0.0077 <i>U</i>		0.0078 <i>U</i>	
Toxaphene	8001-35-2						0.22 <i>U</i>		0.22 <i>U</i>	
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM						1500 <i>J</i>		45.9 <i>U</i>	
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.039 <i>U</i>		0.04 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.039 <i>U</i>		0.04 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.039 <i>U</i>		0.04 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.039 <i>U</i>		0.04 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.039 <i>U</i>		0.04 <i>U</i>	
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.094 <i>U</i>		0.095 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.094 <i>U</i>		0.095 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.39 <i>U</i>	4.3 <i>U</i>	0.39 <i>U</i>	0.38 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.29 <i>U</i>	3.1 <i>U</i>	0.28 <i>U</i>	0.28 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.25 <i>U</i>	2.8 <i>U</i>	0.25 <i>U</i>	0.24 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.48 <i>U</i>	5.3 <i>U</i>	0.48 <i>U</i>	0.47 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.4 <i>J</i>	5.6 <i>J</i>	0.25 <i>J</i>	0.5 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.41 <i>J</i>	11 <i>J</i>	0.29 <i>J</i>	0.93 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.54 <i>J</i>	16 <i>J</i>	0.39 <i>J</i>	1.4 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.35 <i>J</i>	7.3 <i>J</i>	0.2 <i>U</i>	0.59 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.28 <i>J</i>	5 <i>J</i>	0.25 <i>U</i>	0.46 <i>J</i>
Chrysene	218-01-9	1		1	56		0.45 <i>J</i>	9.5 <i>J</i>	0.43 <i>U</i>	0.86 <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.34 <i>U</i>	3.8 <i>U</i>	0.34 <i>U</i>	0.33 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.62 <i>J</i>	15 <i>J</i>	0.42 <i>J</i>	1.2 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.23 <i>U</i>	2.5 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.26 <i>J</i>	6.8 <i>J</i>	0.24 <i>U</i>	0.53 <i>J</i>
Naphthalene	91-20-3	12		12	500		0.25 <i>U</i>	2.8 <i>U</i>	0.25 <i>U</i>	0.24 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.29 <i>U</i>	4.6 <i>J</i>	0.28 <i>U</i>	0.35 <i>J</i>
Pyrene	129-00-0	100		1000	500		0.55 <i>J</i>	9.5 <i>J</i>	0.3 <i>J</i>	0.92 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.29 <i>U</i>	3.1 <i>U</i>	0.28 <i>U</i>	0.28 <i>U</i>

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-13	SHL-13	SHL-13	SHL-13
							FDUP2_021524 02/15/2024	SHL-13-(0-6) 02/15/2024	SHL-13-(12-24) 02/15/2024	SHL-13-(6-12) 02/15/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		0.63 <i>U</i>		0.63 <i>U</i>	
2-Chloronaphthalene	91-58-7						0.32 <i>U</i>			0.31 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.35 <i>U</i>	3.9 <i>U</i>	0.35 <i>U</i>	0.35 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.23 <i>U</i>	2.5 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.29 <i>U</i>	3.1 <i>U</i>	0.28 <i>U</i>	0.28 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.55 <i>U</i>	6 <i>U</i>	0.55 <i>U</i>	0.53 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.39 <i>U</i>	4.3 <i>U</i>	0.39 <i>U</i>	0.38 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.21 <i>U</i>	2.3 <i>U</i>	0.2 <i>U</i>	0.2 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.47 <i>U</i>	5.2 <i>U</i>	0.47 <i>U</i>	0.46 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			9 <i>U</i>	99 <i>U</i>	8.9 <i>U</i>	8.7 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.4 <i>U</i>	4.4 <i>U</i>	0.4 <i>U</i>	0.39 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.53 <i>U</i>	5.8 <i>U</i>	0.52 <i>U</i>	0.51 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.39 <i>U</i>	4.3 <i>U</i>	0.39 <i>U</i>	0.38 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.23 <i>U</i>	2.5 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.54 <i>U</i>	5.9 <i>U</i>	0.53 <i>U</i>	0.52 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						2.3 <i>U</i>	25 <i>U</i>	2.3 <i>U</i>	2.2 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.27 <i>U</i>	3 <i>U</i>	0.27 <i>U</i>	0.27 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.48 <i>U</i>	5.3 <i>U</i>	0.48 <i>U</i>	0.47 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.48 <i>U</i>	5.3 <i>U</i>	0.48 <i>U</i>	0.47 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.24 <i>U</i>	2.6 <i>U</i>	0.24 <i>U</i>	0.23 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.23 <i>U</i>	2.5 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
4-Nitroaniline	100-01-6						1 <i>U</i>	11 <i>U</i>	1 <i>U</i>	0.99 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			1.4 <i>U</i>	15 <i>U</i>	1.4 <i>U</i>	1.3 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1.9 <i>U</i>	21 <i>U</i>	1.9 <i>U</i>	1.9 <i>U</i>
Acetophenone	98-86-2						0.26 <i>U</i>	2.9 <i>U</i>	0.26 <i>U</i>	0.26 <i>U</i>
Atrazine	1912-24-9						0.67 <i>U</i>	7.4 <i>U</i>	0.67 <i>U</i>	0.66 <i>U</i>
Benzaldehyde	100-52-7						1.5 <i>U</i>	17 <i>U</i>	1.5 <i>U</i>	1.5 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.25 <i>U</i>	2.8 <i>U</i>	0.25 <i>U</i>	0.24 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.41 <i>U</i>	4.5 <i>U</i>	0.41 <i>U</i>	0.4 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.66 <i>U</i>	7.3 <i>U</i>	1.4 <i>J</i>	0.65 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.32 <i>U</i>	3.5 <i>U</i>	0.32 <i>U</i>	0.31 <i>U</i>
Carbazole	86-74-8						0.23 <i>U</i>	2.5 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
Caprolactam	105-60-2						0.58 <i>U</i>	6.4 <i>U</i>	0.58 <i>U</i>	0.57 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.33 <i>U</i>	3.7 <i>U</i>	0.33 <i>U</i>	0.32 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.23 <i>U</i>	2.5 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.23 <i>U</i>	2.5 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.25 <i>U</i>	2.8 <i>U</i>	0.25 <i>U</i>	0.24 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.23 <i>U</i>	2.5 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.26 <i>U</i>	2.9 <i>U</i>	0.26 <i>U</i>	0.26 <i>U</i>
Hexachlorobutadiene	87-68-3						0.29 <i>U</i>	3.1 <i>U</i>	0.28 <i>U</i>	0.28 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.26 <i>U</i>	2.9 <i>U</i>	0.26 <i>U</i>	0.26 <i>U</i>
Hexachloroethane	67-72-1						0.25 <i>U</i>	2.8 <i>U</i>	0.25 <i>U</i>	0.24 <i>U</i>
Isophorone	78-59-1			4.4			0.41 <i>U</i>	4.5 <i>U</i>	0.41 <i>U</i>	0.4 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.33 <i>U</i>	3.7 <i>U</i>	0.33 <i>U</i>	0.32 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				1.6 <i>U</i>	17 <i>U</i>	1.6 <i>U</i>	1.5 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.22 <i>U</i>	2.4 <i>U</i>	0.22 <i>U</i>	0.21 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0062 <i>U</i>	21 <i>U</i>	0.0062 <i>U</i>	1.9 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.3 <i>U</i>	3.3 <i>U</i>	0.3 <i>U</i>	0.29 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-13	SHL-13	SHL-13	SHL-13
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	FDUP2_021524 02/15/2024	SHL-13-(0-6) 02/15/2024	SHL-13-(12-24) 02/15/2024	SHL-13-(6-12) 02/15/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00042 U		0.00039 U	
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.00042 U		0.00039 U	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.00025 U		0.00023 U	
1,1,1,2-Tetrachloroethane	630-20-6						0.00034 U		0.00032 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.00078 U		0.00073 U	
1,1,2-Trichloroethane	79-00-5						0.00044 U		0.00041 U	
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.00056 U		0.00052 U	
1,2-Dibromo-3-chloropropane	96-12-8						0.0017 U		0.0016 U	
1,2-Dibromoethane	106-93-4						0.00044 U		0.00041 U	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.00027 U		0.00025 U	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00017 U		0.00016 U	
1,2-Dichloropropane	78-87-5		700				0.0017 U		0.0016 U	
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00021 U		0.00019 U	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.00066 U		0.00061 U	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.00018 U		0.00016 U	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.00022 U		0.0002 U	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.00048 U		0.00045 U	
2-Butanone	78-93-3	0.12	100	0.3	500		0.0013 U		0.0012 U	
2-Hexanone	591-78-6						0.0017 U		0.0016 U	
4-Methyl-2-pentanone	108-10-1			1			0.0011 U		0.001 U	
Acetone	67-64-1	0.05	2.2	0.05	500		0.0029 U		0.0027 U	
Benzene	71-43-2	0.06	70	0.06	44		0.00017 U		0.00016 U	
Bromodichloromethane	75-27-4						0.00046 U		0.00043 U	
Bromoform	75-25-2						0.0017 U		0.0016 U	
Bromomethane	74-83-9						0.00031 U		0.00029 U	
Carbon disulfide	75-15-0			2.7			0.0017 U		0.0016 U	
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00033 U		0.00031 U	
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.00045 U		0.00042 U	
Chloroethane	75-00-3			1.9			0.00077 U		0.00072 U	
Chloroform	67-66-3	0.37	12	0.37	350		0.00021 U		0.0002 U	
Chloromethane	74-87-3						0.00021 U		0.00019 U	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.00044 U		0.00041 U	
cis-1,3-Dichloropropene	10061-01-5						0.00049 U		0.00046 U	
Cyclohexane	110-82-7						0.00048 U		0.00045 U	
Dibromochloromethane	124-48-1		10				0.00044 U		0.00041 U	
Dichlorodifluoromethane	75-71-8						0.00028 U		0.00026 U	
Ethylbenzene	100-41-4	1		1	390		0.00024 U		0.00022 U	
Isopropylbenzene	98-82-8			2.3			0.00052 U		0.00048 U	
m,p-Xylene	179601-23-1						0.00058 U		0.00053 U	
Methyl Acetate	79-20-9						0.0021 U		0.0019 U	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00034 U		0.00031 U	
Methylcyclohexane	108-87-2						0.00052 U		0.00048 U	
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.0016 U		0.0015 U	
n-Butylbenzene	104-51-8	12		12	500		0.0003 U		0.00028 U	
n-Propylbenzene	103-65-1	3.9		3.9	500		0.00027 U		0.00025 U	
o-Xylene	95-47-6						0.00045 U		0.00042 U	
sec-Butylbenzene	135-98-8	11		11	500		0.0003 U		0.00028 U	
Styrene	100-42-5		300				0.00017 U		0.00016 U	
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.00036 U		0.00033 U	
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.00046 U		0.00043 U	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-13	SHL-13	SHL-13	SHL-13
							FDUP2_021524	SHL-13-(0-6)	SHL-13-(12-24)	SHL-13-(6-12)
							02/15/2024	02/15/2024	02/15/2024	02/15/2024
Toluene	108-88-3	0.7	36	0.7	500		0.00026 <i>U</i>		0.00024 <i>U</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.00035 <i>U</i>		0.00033 <i>U</i>	
trans-1,3-Dichloropropene	10061-02-6						0.0015 <i>U</i>		0.0014 <i>U</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.00075 <i>U</i>		0.0007 <i>U</i>	
Trichlorofluoromethane	75-69-4						0.00032 <i>U</i>		0.0003 <i>U</i>	
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00042 <i>U</i>		0.00039 <i>U</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.00058 <i>U</i>		0.00053 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-14	SHL-14	SHL-14	SHL-15
							SHL-14-(0-6) 02/15/2024	SHL-14-(12-24) 02/15/2024	SHL-14-(6-12) 02/15/2024	SHL-15-(0-6) 02/15/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.46 <i>U</i>	0.51 <i>U</i>	0.49 <i>U</i>	0.67 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.011 <i>U</i>	0.011 <i>U</i>		0.016 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0055 <i>U</i>	0.0057 <i>U</i>		0.0081 <i>U</i>
Dichlorprop	120-36-5						0.0087 <i>U</i>	0.0088 <i>U</i>		0.013 <i>U</i>
Picloram	1918-02-1						0.0075 <i>U</i>	0.0076 <i>U</i>		0.011 <i>U</i>
Silvex	93-72-1	3.8		3.8	500		0.0062 <i>U</i>	0.0064 <i>U</i>		0.0091 <i>U</i>
Metals (mg/kg)										
Aluminum	7429-90-5		10000				5600	11200	11000	13000
Antimony	7440-36-0		12				0.42 <i>UJ</i>	0.41 <i>UJ</i>	0.45 <i>UJ</i>	0.63 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		4.6	14.9	11.1	10.1
Barium	7440-39-3	350	433	820	400		37.6	200	112	142
Beryllium	7440-41-7	7.2	10	47	590		0.26	0.52	0.54	0.6
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.032 <i>U</i>	0.56	0.22 <i>J</i>	2.2
Calcium	7440-70-2		10000				112000 <i>J</i>	9000 <i>J</i>	45400 <i>J</i>	46400 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		7.8	15	15.6	20.3
Cobalt	7440-48-4		20				5.1	9.3	9.9	12.4
Copper	7440-50-8	50	50	1720	270		16	24.4	28.2	31.6
Iron	7439-89-6						12100	20400	25800	22600
Lead	7439-92-1	63	63	450	1000		12.3	243	46.7	179
Magnesium	7439-95-4						9460 <i>J</i>	4330 <i>J</i>	5360 <i>J</i>	5910 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		294 <i>J</i>	435 <i>J</i>	415 <i>J</i>	619 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.0049 <i>U</i>	0.25	0.021 <i>J</i>	0.087
Nickel	7440-02-0	30	30	130	310		17.1	23.2	26.5	28.5
Potassium	7440-09-7						1020	1480	1650	1620
Selenium	7782-49-2	3.9	3.9	4	1500		0.42 <i>U</i>	0.71 <i>J</i>	0.45 <i>U</i>	0.79 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.21 <i>U</i>	0.21 <i>U</i>	0.23 <i>U</i>	0.31 <i>U</i>
Sodium	7440-23-5						130 <i>J</i>	105 <i>J</i>	101 <i>J</i>	93.1 <i>J</i>
Thallium	7440-28-0		5				0.32 <i>U</i>	0.43 <i>J</i>	0.41 <i>J</i>	0.47 <i>U</i>
Vanadium	7440-62-2		39				43.8	19.9	25.3	23.7
Zinc	7440-66-6	109	109	2480	10000		48.5 <i>J</i>	164 <i>J</i>	76.8 <i>J</i>	351 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.0059 <i>J</i>	0.016 <i>J</i>		0.0059 <i>J</i>
Barium	7440-39-3						0.32 <i>J</i>	1.4		0.71 <i>J</i>
Cadmium	7440-43-9						0.0005 <i>U</i>	0.01 <i>J</i>		0.012 <i>J</i>
Chromium	7440-47-3						0.01 <i>U</i>	0.01 <i>U</i>		0.01 <i>U</i>
Lead	7439-92-1						0.003 <i>U</i>	0.72		0.016 <i>J</i>
Mercury	7439-97-6						0.000043 <i>U</i>	0.000043 <i>U</i>		0.000043 <i>U</i>
Selenium	7782-49-2						0.0087 <i>U</i>	0.0087 <i>U</i>		0.0087 <i>U</i>
Silver	7440-22-4						0.0017 <i>UJ</i>	0.0017 <i>UJ</i>		0.0017 <i>UJ</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-14	SHL-14	SHL-14	SHL-15
							SHL-14-(0-6) 02/15/2024	SHL-14-(12-24) 02/15/2024	SHL-14-(6-12) 02/15/2024	SHL-15-(0-6) 02/15/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00017 <i>U</i>	0.00018 <i>U</i>		0.00025 <i>U</i>
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00042 <i>U</i>	0.00044 <i>U</i>		0.00063 <i>U</i>
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.0011 <i>U</i>	0.0011 <i>U</i>		0.0016 <i>U</i>
3:3 perfluorohexanoic acid	356-02-5						0.00021 <i>U</i>	0.00022 <i>U</i>		0.00031 <i>U</i>
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00017 <i>U</i>	0.00018 <i>U</i>		0.00025 <i>U</i>
4:2 fluorotelomer sulfonate	757124-72-4						0.00017 <i>U</i>	0.00018 <i>U</i>		0.00025 <i>U</i>
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00017 <i>U</i>	0.00018 <i>U</i>		0.00025 <i>U</i>
7:3 FTCA	812-70-4						0.0011 <i>U</i>	0.0011 <i>U</i>		0.0016 <i>U</i>
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00017 <i>U</i>	0.00018 <i>U</i>		0.00025 <i>U</i>
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00017 <i>U</i>	0.00018 <i>U</i>		0.00025 <i>U</i>
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00017 <i>U</i>	0.00018 <i>U</i>		0.00025 <i>U</i>
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00042 <i>U</i>	0.00044 <i>U</i>		0.00063 <i>U</i>
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000085 <i>U</i>	0.000088 <i>U</i>		0.00013 <i>U</i>
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000085 <i>U</i>	0.000088 <i>U</i>		0.00013 <i>U</i>
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000085 <i>U</i>	0.000088 <i>U</i>		0.00013 <i>U</i>
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000085 <i>U</i>	0.000088 <i>U</i>		0.00013 <i>U</i>
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
Perfluorobutanoic acid	375-22-4						0.00017 <i>U</i>	0.00018 <i>U</i>		0.00025 <i>U</i>
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
Perfluorodecanoic acid	335-76-2						0.000042 <i>U</i>	0.000044 <i>U</i>		0.00016 <i>J</i>
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
Perfluorododecanoic Acid	307-55-1						0.000042 <i>U</i>	0.000044 <i>U</i>		0.00012 <i>J</i>
Perfluoroheptanesulfonic acid	375-92-8						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
Perfluoroheptanoic acid	375-85-9						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000065 <i>J</i>
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
Perfluorohexanoic acid	307-24-4						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
Perfluorononanesulfonic acid	68259-12-1						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
Perfluorononanoic acid	375-95-1						0.000042 <i>U</i>	0.000044 <i>U</i>		0.00012 <i>J</i>
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000081 <i>J</i>
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.000042 <i>U</i>	0.00031		0.0006
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.000042 <i>U</i>	0.00008 <i>J</i>		0.000089 <i>J</i>
Perfluoropentanesulfonic acid	2706-91-4						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
Perfluoropentanoic Acid	2706-90-3						0.000085 <i>U</i>	0.000088 <i>U</i>		0.00013 <i>U</i>
Perfluorotetradecanoic Acid	376-06-7						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000063 <i>U</i>
Perfluorotridecanoic Acid	72629-94-8						0.000042 <i>U</i>	0.000044 <i>U</i>		0.000073 <i>J</i>
Perfluoroundecanoic Acid	2058-94-8						0.000042 <i>U</i>	0.000044 <i>U</i>		0.00014 <i>J</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-14	SHL-14	SHL-14	SHL-15
							SHL-14-(0-6) 02/15/2024	SHL-14-(12-24) 02/15/2024	SHL-14-(6-12) 02/15/2024	SHL-15-(0-6) 02/15/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.017 <i>U</i>	0.0069 <i>U</i>		0.0098 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.018 <i>U</i>	0.0075 <i>U</i>		0.011 <i>U</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.02 <i>U</i>	0.0084 <i>U</i>		0.013 <i>J</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.68		0.021 <i>U</i>	0.0088 <i>U</i>		0.012 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.016 <i>U</i>	0.0064 <i>U</i>		0.0091 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.016 <i>U</i>	0.0064 <i>U</i>		0.0091 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.043 <i>U</i>	0.018 <i>U</i>		0.025 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.016 <i>U</i>	0.0066 <i>U</i>		0.0094 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.021 <i>U</i>	0.0086 <i>U</i>		0.012 <i>U</i>
Endosulfan I	959-98-8	2.4		102	200		0.017 <i>U</i>	0.0069 <i>U</i>		0.0097 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	200		0.016 <i>U</i>	0.0064 <i>U</i>		0.0091 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.016 <i>U</i>	0.0067 <i>U</i>		0.0094 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	89		0.017 <i>U</i>	0.0071 <i>U</i>		0.01 <i>U</i>
Endrin aldehyde	7421-93-4						0.022 <i>U</i>	0.0091 <i>U</i>		0.013 <i>U</i>
Endrin ketone	53494-70-5						0.021 <i>U</i>	0.0088 <i>U</i>		0.012 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.016 <i>U</i>	0.0066 <i>U</i>		0.0093 <i>U</i>
gamma-Chlordane	5566-34-7			14			0.028 <i>U</i>	0.011 <i>U</i>		0.016 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.019 <i>U</i>	0.0077 <i>U</i>		0.011 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02			0.022 <i>U</i>	0.0092 <i>U</i>		0.013 <i>U</i>
Methoxychlor	72-43-5		1.2	900			0.018 <i>U</i>	0.0073 <i>U</i>		0.01 <i>U</i>
Toxaphene	8001-35-2						0.5 <i>U</i>	0.21 <i>U</i>		0.29 <i>U</i>
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM						505	2170		61.1 <i>U</i>
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.042 <i>U</i>	0.039 <i>U</i>		0.07 <i>UJ</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.042 <i>U</i>	0.039 <i>U</i>		0.07 <i>UJ</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.042 <i>U</i>	0.039 <i>U</i>		0.07 <i>UJ</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.042 <i>U</i>	0.039 <i>U</i>		0.07 <i>UJ</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.042 <i>U</i>	0.039 <i>U</i>		0.07 <i>UJ</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.1 <i>U</i>	0.11 <i>J</i>		0.17 <i>UJ</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.1 <i>U</i>	0.093 <i>U</i>		0.17 <i>UJ</i>
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			3.5 <i>U</i>	0.37 <i>U</i>	0.72 <i>U</i>	1 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		2.6 <i>U</i>	0.27 <i>U</i>	0.53 <i>U</i>	0.75 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		2.3 <i>U</i>	0.24 <i>U</i>	0.46 <i>U</i>	0.66 <i>U</i>
Anthracene	120-12-7	100		1000	500		4.3 <i>U</i>	0.45 <i>U</i>	0.88 <i>U</i>	1.3 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		1.8 <i>U</i>	0.18 <i>U</i>	0.36 <i>U</i>	0.51 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		2.6 <i>U</i>	0.27 <i>U</i>	0.53 <i>U</i>	0.75 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		2.8 <i>U</i>	0.29 <i>U</i>	0.57 <i>U</i>	0.81 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		1.9 <i>U</i>	0.19 <i>U</i>	0.38 <i>U</i>	0.54 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		2.3 <i>U</i>	0.24 <i>U</i>	0.46 <i>U</i>	0.66 <i>U</i>
Chrysene	218-01-9	1		1	56		3.9 <i>U</i>	0.41 <i>U</i>	0.8 <i>U</i>	1.1 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		3.1 <i>U</i>	0.32 <i>U</i>	0.63 <i>U</i>	0.9 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		1.9 <i>U</i>	0.24 <i>J</i>	0.38 <i>U</i>	0.54 <i>U</i>
Fluorene	86-73-7	30	30	386	500		2.1 <i>U</i>	0.22 <i>U</i>	0.42 <i>U</i>	0.6 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		2.2 <i>U</i>	0.23 <i>U</i>	0.44 <i>U</i>	0.63 <i>U</i>
Naphthalene	91-20-3	12		12	500		2.3 <i>U</i>	0.24 <i>U</i>	0.46 <i>U</i>	0.66 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		2.6 <i>U</i>	0.27 <i>U</i>	0.53 <i>U</i>	0.75 <i>U</i>
Pyrene	129-00-0	100		1000	500		2.1 <i>U</i>	0.22 <i>U</i>	0.42 <i>U</i>	0.6 <i>U</i>
1,1'-Biphenyl	92-52-4		60				2.6 <i>U</i>	0.27 <i>U</i>	0.53 <i>U</i>	0.75 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-14	SHL-14	SHL-14	SHL-15
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-14-(0-6) 02/15/2024	SHL-14-(12-24) 02/15/2024	SHL-14-(6-12) 02/15/2024	SHL-15-(0-6) 02/15/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		5.7 <i>U</i>	0.59 <i>U</i>		1.7 <i>U</i>
2-Chloronaphthalene	91-58-7						2.9 <i>U</i>	0.3 <i>U</i>	0.59 <i>U</i>	0.84 <i>U</i>
2-Chlorophenol	95-57-8		0.8				3.2 <i>U</i>	0.33 <i>U</i>	0.65 <i>U</i>	0.93 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		2.1 <i>U</i>	0.22 <i>U</i>	0.42 <i>U</i>	0.6 <i>U</i>
2-Nitroaniline	88-74-4			0.4			2.6 <i>U</i>	0.27 <i>U</i>	0.53 <i>U</i>	0.75 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			5 <i>U</i>	0.52 <i>U</i>	1 <i>U</i>	1.4 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						3.5 <i>U</i>	0.37 <i>U</i>	0.72 <i>U</i>	1 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			1.9 <i>U</i>	0.19 <i>U</i>	0.38 <i>U</i>	0.54 <i>U</i>
2,4-Dimethylphenol	105-67-9						4.2 <i>U</i>	0.44 <i>U</i>	0.86 <i>U</i>	1.2 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			81 <i>U</i>	8.5 <i>U</i>	17 <i>U</i>	24 <i>U</i>
2,4-Dinitrotoluene	121-14-2						3.6 <i>U</i>	0.38 <i>U</i>	0.74 <i>U</i>	1.1 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			4.7 <i>U</i>	0.5 <i>U</i>	0.97 <i>U</i>	1.4 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				3.5 <i>U</i>	0.37 <i>U</i>	0.72 <i>U</i>	1 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			2.1 <i>U</i>	0.22 <i>U</i>	0.42 <i>U</i>	0.6 <i>U</i>
3-Nitroaniline	99-09-2			0.5			4.9 <i>U</i>	0.51 <i>U</i>	0.99 <i>U</i>	1.4 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						21 <i>U</i>	2.2 <i>U</i>	4.2 <i>U</i>	6 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						2.5 <i>U</i>	0.26 <i>U</i>	0.51 <i>U</i>	0.72 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						4.3 <i>U</i>	0.45 <i>U</i>	0.88 <i>U</i>	1.3 <i>U</i>
4-Chloroaniline	106-47-8			0.22			4.3 <i>U</i>	0.45 <i>U</i>	0.88 <i>U</i>	1.3 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						2.2 <i>U</i>	0.23 <i>U</i>	0.44 <i>U</i>	0.63 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		2.1 <i>U</i>	0.22 <i>U</i>	0.42 <i>U</i>	0.6 <i>U</i>
4-Nitroaniline	100-01-6						9.2 <i>U</i>	0.96 <i>U</i>	1.9 <i>U</i>	2.7 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			12 <i>U</i>	1.3 <i>U</i>	2.5 <i>U</i>	3.6 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						18 <i>U</i>	1.8 <i>U</i>	3.6 <i>U</i>	5.1 <i>U</i>
Acetophenone	98-86-2						2.4 <i>U</i>	0.25 <i>U</i>	0.48 <i>U</i>	0.69 <i>U</i>
Atrazine	1912-24-9						6.1 <i>U</i>	0.64 <i>U</i>	1.2 <i>U</i>	1.8 <i>U</i>
Benzaldehyde	100-52-7						14 <i>U</i>	1.5 <i>U</i>	2.8 <i>U</i>	4.1 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						2.3 <i>U</i>	0.24 <i>U</i>	0.46 <i>U</i>	0.66 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						3.7 <i>U</i>	0.39 <i>U</i>	0.76 <i>U</i>	1.1 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			6 <i>U</i>	0.63 <i>U</i>	1.2 <i>U</i>	1.7 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			2.9 <i>U</i>	0.3 <i>U</i>	0.59 <i>U</i>	0.84 <i>U</i>
Carbazole	86-74-8						2.1 <i>U</i>	0.22 <i>U</i>	0.42 <i>U</i>	0.6 <i>U</i>
Caprolactam	105-60-2						5.3 <i>U</i>	0.55 <i>U</i>	1.1 <i>U</i>	1.5 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			3 <i>U</i>	0.31 <i>U</i>	0.61 <i>U</i>	0.87 <i>U</i>
Di-n-octylphthalate	117-84-0			120			2.1 <i>U</i>	0.22 <i>U</i>	0.42 <i>U</i>	0.6 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		2.1 <i>U</i>	0.22 <i>U</i>	0.42 <i>U</i>	0.6 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			2.3 <i>U</i>	0.24 <i>U</i>	0.46 <i>U</i>	0.66 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			2.1 <i>U</i>	0.22 <i>U</i>	0.42 <i>U</i>	0.6 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		2.4 <i>U</i>	0.25 <i>U</i>	0.48 <i>U</i>	0.69 <i>U</i>
Hexachlorobutadiene	87-68-3						2.6 <i>U</i>	0.27 <i>U</i>	0.53 <i>U</i>	0.75 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				2.4 <i>U</i>	0.25 <i>U</i>	0.48 <i>U</i>	0.69 <i>U</i>
Hexachloroethane	67-72-1						2.3 <i>U</i>	0.24 <i>U</i>	0.46 <i>U</i>	0.66 <i>U</i>
Isophorone	78-59-1			4.4			3.7 <i>U</i>	0.39 <i>U</i>	0.76 <i>U</i>	1.1 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						3 <i>U</i>	0.31 <i>U</i>	0.61 <i>U</i>	0.87 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				14 <i>U</i>	1.5 <i>U</i>	2.9 <i>U</i>	4.2 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		2 <i>U</i>	0.2 <i>U</i>	0.4 <i>U</i>	0.57 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0057 <i>U</i>	0.0061 <i>J</i>	3.6 <i>U</i>	0.0083 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		2.7 <i>U</i>	0.28 <i>U</i>	0.55 <i>U</i>	0.78 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-14	SHL-14	SHL-14	SHL-15
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SHL-14-(0-6) 02/15/2024	SHL-14-(12-24) 02/15/2024	SHL-14-(6-12) 02/15/2024	SHL-15-(0-6) 02/15/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00054 <i>U</i>	0.00066 <i>U</i>		0.00079 <i>U</i>
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.00054 <i>U</i>	0.00066 <i>U</i>		0.00079 <i>U</i>
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.00032 <i>U</i>	0.00039 <i>U</i>		0.00047 <i>U</i>
1,1,1,2-Tetrachloroethane	630-20-6						0.00044 <i>U</i>	0.00054 <i>U</i>		0.00065 <i>U</i>
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.001 <i>U</i>	0.0012 <i>U</i>		0.0015 <i>U</i>
1,1,2-Trichloroethane	79-00-5						0.00057 <i>U</i>	0.0007 <i>U</i>		0.00084 <i>U</i>
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.00072 <i>U</i>	0.00088 <i>U</i>		0.001 <i>U</i>
1,2-Dibromo-3-chloropropane	96-12-8						0.0022 <i>U</i>	0.0027 <i>U</i>		0.0032 <i>U</i>
1,2-Dibromoethane	106-93-4						0.00057 <i>U</i>	0.00069 <i>U</i>		0.00083 <i>U</i>
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.00035 <i>U</i>	0.00042 <i>U</i>		0.00051 <i>U</i>
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00022 <i>U</i>	0.00027 <i>U</i>		0.00032 <i>U</i>
1,2-Dichloropropane	78-87-5		700				0.0022 <i>U</i>	0.0027 <i>U</i>		0.0032 <i>U</i>
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00027 <i>U</i>	0.00033 <i>U</i>		0.00039 <i>U</i>
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.00085 <i>U</i>	0.001 <i>U</i>		0.0012 <i>U</i>
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.00023 <i>U</i>	0.00028 <i>U</i>		0.00033 <i>U</i>
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.00028 <i>U</i>	0.00035 <i>U</i>		0.00042 <i>U</i>
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.00062 <i>U</i>	0.00076 <i>U</i>		0.00091 <i>U</i>
2-Butanone	78-93-3	0.12	100	0.3	500		0.0016 <i>U</i>	0.011 <i>J</i>		0.0024 <i>U</i>
2-Hexanone	591-78-6						0.0022 <i>U</i>	0.0027 <i>U</i>		0.0032 <i>U</i>
4-Methyl-2-pentanone	108-10-1			1			0.0014 <i>U</i>	0.0018 <i>U</i>		0.0021 <i>U</i>
Acetone	67-64-1	0.05	2.2	0.05	500		0.0037 <i>U</i>	0.077		0.0054 <i>U</i>
Benzene	71-43-2	0.06	70	0.06	44		0.00022 <i>U</i>	0.00026 <i>U</i>		0.00032 <i>U</i>
Bromodichloromethane	75-27-4						0.00059 <i>U</i>	0.00072 <i>U</i>		0.00087 <i>U</i>
Bromoform	75-25-2						0.0022 <i>U</i>	0.0027 <i>U</i>		0.0032 <i>U</i>
Bromomethane	74-83-9						0.0004 <i>U</i>	0.00049 <i>U</i>		0.00058 <i>U</i>
Carbon disulfide	75-15-0			2.7			0.0022 <i>U</i>	0.0027 <i>U</i>		0.0032 <i>U</i>
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00043 <i>U</i>	0.00052 <i>U</i>		0.00063 <i>U</i>
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.00058 <i>U</i>	0.00071 <i>U</i>		0.00085 <i>U</i>
Chloroethane	75-00-3			1.9			0.001 <i>U</i>	0.0012 <i>U</i>		0.0015 <i>U</i>
Chloroform	67-66-3	0.37	12	0.37	350		0.00027 <i>U</i>	0.00033 <i>U</i>		0.0004 <i>U</i>
Chloromethane	74-87-3						0.00027 <i>U</i>	0.00033 <i>U</i>		0.00039 <i>U</i>
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.00056 <i>U</i>	0.00069 <i>U</i>		0.00083 <i>U</i>
cis-1,3-Dichloropropene	10061-01-5						0.00064 <i>U</i>	0.00078 <i>U</i>		0.00093 <i>U</i>
Cyclohexane	110-82-7						0.00062 <i>U</i>	0.00076 <i>U</i>		0.00091 <i>U</i>
Dibromochloromethane	124-48-1		10				0.00056 <i>U</i>	0.00069 <i>U</i>		0.00083 <i>U</i>
Dichlorodifluoromethane	75-71-8						0.00036 <i>U</i>	0.00045 <i>U</i>		0.00053 <i>U</i>
Ethylbenzene	100-41-4	1		1	390		0.0003 <i>U</i>	0.0059		0.00045 <i>U</i>
Isopropylbenzene	98-82-8			2.3			0.00067 <i>U</i>	0.003 <i>J</i>		0.00098 <i>U</i>
m,p-Xylene	179601-23-1						0.00074 <i>U</i>	0.00091 <i>U</i>		0.0011 <i>U</i>
Methyl Acetate	79-20-9						0.0027 <i>U</i>	0.0033 <i>U</i>		0.0039 <i>U</i>
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00043 <i>U</i>	0.00053 <i>U</i>		0.00064 <i>U</i>
Methylcyclohexane	108-87-2						0.00067 <i>U</i>	0.00082 <i>U</i>		0.00098 <i>U</i>
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.002 <i>U</i>	0.0025 <i>U</i>		0.003 <i>U</i>
n-Butylbenzene	104-51-8	12		12	500		0.00038 <i>U</i>	0.00047 <i>U</i>		0.00056 <i>U</i>
n-Propylbenzene	103-65-1	3.9		3.9	500		0.00035 <i>U</i>	0.00058 <i>J</i>		0.00052 <i>U</i>
o-Xylene	95-47-6						0.00058 <i>U</i>	0.0007 <i>U</i>		0.00084 <i>U</i>
sec-Butylbenzene	135-98-8	11		11	500		0.00038 <i>U</i>	0.00047 <i>U</i>		0.00056 <i>U</i>
Styrene	100-42-5		300				0.00022 <i>U</i>	0.0081		0.00032 <i>U</i>
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.00046 <i>U</i>	0.00056 <i>U</i>		0.00067 <i>U</i>
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.00059 <i>U</i>	0.00072 <i>U</i>		0.00087 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-14	SHL-14	SHL-14	SHL-15
							SHL-14-(0-6) 02/15/2024	SHL-14-(12-24) 02/15/2024	SHL-14-(6-12) 02/15/2024	SHL-15-(0-6) 02/15/2024
Toluene	108-88-3	0.7	36	0.7	500		0.00033 <i>U</i>	0.00041 <i>U</i>		0.00049 <i>U</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.00046 <i>U</i>	0.00056 <i>U</i>		0.00067 <i>U</i>
trans-1,3-Dichloropropene	10061-02-6						0.0019 <i>U</i>	0.0024 <i>U</i>		0.0028 <i>U</i>
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.00097 <i>U</i>	0.0012 <i>U</i>		0.0014 <i>U</i>
Trichlorofluoromethane	75-69-4						0.00042 <i>U</i>	0.00051 <i>U</i>		0.00061 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00054 <i>U</i>	0.00066 <i>U</i>		0.00079 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.00074 <i>U</i>	0.00091 <i>U</i>		0.0011 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-15	SHL-15	SHL-16	SHL-16
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-15-(12-24)	SHL-15-(6-12)	SHL-16-(0-6)	SHL-16-(12-24)
						Sample Date	02/15/2024	02/15/2024	02/15/2024	02/15/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.52 <i>U</i>	0.59 <i>J</i>	0.46 <i>UJ</i>	0.46 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.012 <i>U</i>			
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.006 <i>U</i>			
Dichlorprop	120-36-5						0.0094 <i>U</i>			
Picloram	1918-02-1						0.0081 <i>U</i>			
Silvex	93-72-1	3.8		3.8	500		0.0068 <i>U</i>			
Metals (mg/kg)										
Aluminum	7429-90-5		10000				13800	11400	6910	10400
Antimony	7440-36-0		12				2.3 <i>J</i>	0.59 <i>J</i>	0.42 <i>UJ</i>	0.44 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		12.9	9	4.1	8
Barium	7440-39-3	350	433	820	400		182	157	50.7	112
Beryllium	7440-41-7	7.2	10	47	590		0.6	0.52	0.28	0.56
Cadmium	7440-43-9	2.5	4	7.5	9.3		2.5	2.7	0.15 <i>J</i>	0.39
Calcium	7440-70-2		10000				5180 <i>J</i>	12400 <i>J</i>	42500 <i>J</i>	7910 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		20.3	17.6	9.6	13.8
Cobalt	7440-48-4		20				11.1	8.9	5.7	8.7
Copper	7440-50-8	50	50	1720	270		25.3	17.4	14.3	28.8
Iron	7439-89-6						24800	17800	13700	17200
Lead	7439-92-1	63	63	450	1000		568	189	23.9	99.2
Magnesium	7439-95-4						3060 <i>J</i>	3160 <i>J</i>	6910 <i>J</i>	2920 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		580 <i>J</i>	559 <i>J</i>	1320 <i>J</i>	510 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.2	0.12	0.0048 <i>J</i>	0.055
Nickel	7440-02-0	30	30	130	310		26.3	21.1	23.6	26.2
Potassium	7440-09-7						1790	1470	987	1370
Selenium	7782-49-2	3.9	3.9	4	1500		1.2 <i>J</i>	0.7 <i>J</i>	0.86 <i>J</i>	0.98 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.24 <i>U</i>	0.24 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>
Sodium	7440-23-5						71 <i>J</i>	97.4 <i>J</i>	94.4 <i>J</i>	83.2 <i>J</i>
Thallium	7440-28-0		5				0.41 <i>J</i>	0.48 <i>J</i>	1.1 <i>J</i>	0.36 <i>J</i>
Vanadium	7440-62-2		39				23.2	17.8	49.2	19.3
Zinc	7440-66-6	109	109	2480	10000		216 <i>J</i>	171 <i>J</i>	55.7 <i>J</i>	111 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.0085 <i>J</i>			
Barium	7440-39-3						0.78 <i>J</i>			
Cadmium	7440-43-9						0.022 <i>J</i>			
Chromium	7440-47-3						0.01 <i>U</i>			
Lead	7439-92-1						0.088			
Mercury	7439-97-6						0.000043 <i>U</i>			
Selenium	7782-49-2						0.0087 <i>U</i>			
Silver	7440-22-4						0.0017 <i>UJ</i>			

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-15	SHL-15	SHL-16	SHL-16
							SHL-15-(12-24) 02/15/2024	SHL-15-(6-12) 02/15/2024	SHL-16-(0-6) 02/15/2024	SHL-16-(12-24) 02/15/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00019	U		
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00047	U		
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000047	U		
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.0012	U		
3:3 perfluorohexanoic acid	356-02-5						0.00024	U		
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00019	U		
4:2 fluorotelomer sulfonate	757124-72-4						0.00019	U		
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00019	U		
7:3 FTCA	812-70-4						0.0012	U		
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00019	U		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00019	U		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00019	U		
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00047	U		
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000047	U		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000047	U		
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000047	U		
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000095	U		
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000095	U		
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000095	U		
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000095	U		
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000047	U		
Perfluorobutanoic acid	375-22-4						0.00019	U		
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000047	U		
Perfluorodecanoic acid	335-76-2						0.000047	U		
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000047	U		
Perfluorododecanoic Acid	307-55-1						0.000047	U		
Perfluoroheptanesulfonic acid	375-92-8						0.000047	U		
Perfluoroheptanoic acid	375-85-9						0.000047	U		
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000047	U		
Perfluorohexanoic acid	307-24-4						0.000047	U		
Perfluorononanesulfonic acid	68259-12-1						0.000047	U		
Perfluorononanoic acid	375-95-1						0.000057	J		
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000047	U		
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.001			
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.00011	J		
Perfluoropentanesulfonic acid	2706-91-4						0.000047	U		
Perfluoropentanoic Acid	2706-90-3						0.000095	U		
Perfluorotetradecanoic Acid	376-06-7						0.000047	U		
Perfluorotridecanoic Acid	72629-94-8						0.000047	U		
Perfluoroundecanoic Acid	2058-94-8						0.000047	U		

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-15	SHL-15	SHL-16	SHL-16
							SHL-15-(12-24) 02/15/2024	SHL-15-(6-12) 02/15/2024	SHL-16-(0-6) 02/15/2024	SHL-16-(12-24) 02/15/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.0075	U		
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.072			
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.054			
Aldrin	309-00-2	0.005		0.14	0.68		0.0095	U		
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.0069	U		
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.0069	U		
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.12			
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.0071	U		
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.0092	U		
Endosulfan I	959-98-8	2.4		102	200		0.0074	U		
Endosulfan II	33213-65-9	2.4		102	200		0.0069	U		
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.0072	U		
Endrin	72-20-8	0.014	0.014	0.06	89		0.0076	U		
Endrin aldehyde	7421-93-4						0.0098	U		
Endrin ketone	53494-70-5						0.0095	U		
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.0071	U		
gamma-Chlordane	5566-34-7			14			0.08			
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.0083	U		
Heptachlor epoxide	1024-57-3			0.02			0.028	J		
Methoxychlor	72-43-5		1.2	900			0.0078	U		
Toxaphene	8001-35-2						0.22	U		
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM						46.7	U		
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.045	UJ		
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.045	UJ		
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.045	UJ		
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.045	UJ		
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.045	UJ		
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.11	UJ		
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.11	UJ		
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.39	U		
Acenaphthene	83-32-9	20	20	98	500		0.29	U		
Acenaphthylene	208-96-8	100		107	500		0.25	U		
Anthracene	120-12-7	100		1000	500		0.49	U		
Benzo[a]anthracene	56-55-3	1		1	5.6		0.2	U		
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.29	U		
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.31	U		
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.21	U		
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.25	U		
Chrysene	218-01-9	1		1	56		0.44	U		
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.35	U		
Fluoranthene	206-44-0	100		1000	500		0.21	U		
Fluorene	86-73-7	30	30	386	500		0.23	U		
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.24	U		
Naphthalene	91-20-3	12		12	500		0.25	U		
Phenanthrene	85-01-8	100		1000	500		0.29	U		
Pyrene	129-00-0	100		1000	500		0.23	U		
1,1'-Biphenyl	92-52-4		60				0.29	U		

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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-15	SHL-15	SHL-16	SHL-16
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-15-(12-24) 02/15/2024	SHL-15-(6-12) 02/15/2024	SHL-16-(0-6) 02/15/2024	SHL-16-(12-24) 02/15/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		0.64 <i>U</i>			
2-Chloronaphthalene	91-58-7						0.32 <i>U</i>	0.32 <i>U</i>	2.8 <i>U</i>	0.15 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.36 <i>U</i>	0.35 <i>U</i>	3.2 <i>U</i>	0.17 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.23 <i>U</i>	0.23 <i>U</i>	2 <i>U</i>	0.11 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.29 <i>U</i>	0.29 <i>U</i>	2.5 <i>U</i>	0.14 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.56 <i>U</i>	0.55 <i>U</i>	4.9 <i>U</i>	0.27 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.39 <i>U</i>	0.39 <i>U</i>	3.5 <i>U</i>	0.19 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.21 <i>U</i>	0.21 <i>U</i>	1.8 <i>U</i>	0.1 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.47 <i>U</i>	0.47 <i>U</i>	4.2 <i>U</i>	0.23 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			9.1 <i>U</i>	8.9 <i>U</i>	80 <i>U</i>	4.3 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.41 <i>U</i>	0.4 <i>U</i>	3.6 <i>U</i>	0.19 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.53 <i>U</i>	0.53 <i>U</i>	4.7 <i>U</i>	0.25 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.39 <i>U</i>	0.39 <i>U</i>	3.5 <i>U</i>	0.19 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.23 <i>U</i>	0.23 <i>U</i>	2 <i>U</i>	0.11 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.54 <i>U</i>	0.54 <i>U</i>	4.8 <i>U</i>	0.26 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						2.3 <i>U</i>	2.3 <i>U</i>	20 <i>U</i>	1.1 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.28 <i>U</i>	0.27 <i>U</i>	2.4 <i>U</i>	0.13 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.49 <i>U</i>	0.48 <i>U</i>	4.3 <i>U</i>	0.23 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.49 <i>U</i>	0.48 <i>U</i>	4.3 <i>U</i>	0.23 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.24 <i>U</i>	0.24 <i>U</i>	2.1 <i>U</i>	0.12 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.23 <i>U</i>	0.23 <i>U</i>	2 <i>U</i>	0.11 <i>U</i>
4-Nitroaniline	100-01-6						1 <i>U</i>	1 <i>U</i>	9 <i>U</i>	0.49 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			1.4 <i>U</i>	1.4 <i>U</i>	12 <i>U</i>	0.66 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2 <i>U</i>	1.9 <i>U</i>	17 <i>U</i>	0.94 <i>U</i>
Acetophenone	98-86-2						0.27 <i>U</i>	0.26 <i>U</i>	2.3 <i>U</i>	0.13 <i>U</i>
Atrazine	1912-24-9						0.68 <i>U</i>	0.67 <i>U</i>	6 <i>U</i>	0.33 <i>U</i>
Benzaldehyde	100-52-7						1.6 <i>U</i>	1.5 <i>U</i>	14 <i>U</i>	0.75 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.25 <i>U</i>	0.25 <i>U</i>	2.2 <i>U</i>	0.12 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.42 <i>U</i>	0.41 <i>U</i>	3.7 <i>U</i>	0.2 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.67 <i>U</i>	0.66 <i>U</i>	5.9 <i>U</i>	0.32 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.32 <i>U</i>	0.32 <i>U</i>	2.8 <i>U</i>	0.15 <i>U</i>
Carbazole	86-74-8						0.23 <i>U</i>	0.23 <i>U</i>	2 <i>U</i>	0.11 <i>U</i>
Caprolactam	105-60-2						0.59 <i>U</i>	0.58 <i>U</i>	5.2 <i>U</i>	0.28 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.34 <i>U</i>	0.33 <i>U</i>	2.9 <i>U</i>	0.16 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.23 <i>U</i>	0.23 <i>U</i>	2 <i>U</i>	0.11 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.23 <i>U</i>	0.23 <i>U</i>	2 <i>U</i>	0.11 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.25 <i>U</i>	0.25 <i>U</i>	2.2 <i>U</i>	0.12 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.23 <i>U</i>	0.23 <i>U</i>	2 <i>U</i>	0.11 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.27 <i>U</i>	0.26 <i>U</i>	2.3 <i>U</i>	0.13 <i>U</i>
Hexachlorobutadiene	87-68-3						0.29 <i>U</i>	0.29 <i>U</i>	2.5 <i>U</i>	0.14 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.27 <i>U</i>	0.26 <i>U</i>	2.3 <i>U</i>	0.13 <i>U</i>
Hexachloroethane	67-72-1						0.25 <i>U</i>	0.25 <i>U</i>	2.2 <i>U</i>	0.12 <i>U</i>
Isophorone	78-59-1			4.4			0.42 <i>U</i>	0.41 <i>U</i>	3.7 <i>U</i>	0.2 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.34 <i>U</i>	0.33 <i>U</i>	2.9 <i>U</i>	0.16 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				1.6 <i>U</i>	1.6 <i>U</i>	14 <i>U</i>	0.76 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.22 <i>U</i>	0.22 <i>U</i>	1.9 <i>U</i>	0.11 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0061 <i>U</i>	1.9 <i>U</i>	17 <i>U</i>	0.94 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.3 <i>U</i>	0.3 <i>U</i>	2.6 <i>U</i>	0.14 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-15	SHL-15	SHL-16	SHL-16
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SHL-15-(12-24) 02/15/2024	SHL-15-(6-12) 02/15/2024	SHL-16-(0-6) 02/15/2024	SHL-16-(12-24) 02/15/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00065	U		
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.00065	U		
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.00039	U		
1,1,1,2-Tetrachloroethane	630-20-6						0.00053	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.0012	U		
1,1,2-Trichloroethane	79-00-5						0.00069	U		
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.00086	U		
1,2-Dibromo-3-chloropropane	96-12-8						0.0027	U		
1,2-Dibromoethane	106-93-4						0.00068	U		
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.00041	U		
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00027	U		
1,2-Dichloropropane	78-87-5		700				0.0027	U		
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00032	U		
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.001	U		
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.00027	U		
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.00034	U		
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.00074	U		
2-Butanone	78-93-3	0.12	100	0.3	500		0.0019	U		
2-Hexanone	591-78-6						0.0027	U		
4-Methyl-2-pentanone	108-10-1			1			0.0017	U		
Acetone	67-64-1	0.05	2.2	0.05	500		0.03			
Benzene	71-43-2	0.06	70	0.06	44		0.00026	U		
Bromodichloromethane	75-27-4						0.00071	U		
Bromoform	75-25-2						0.0027	U		
Bromomethane	74-83-9						0.00048	U		
Carbon disulfide	75-15-0			2.7			0.0027	U		
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00051	U		
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.0007	U		
Chloroethane	75-00-3			1.9			0.0012	U		
Chloroform	67-66-3	0.37	12	0.37	350		0.00033	U		
Chloromethane	74-87-3						0.00032	U		
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.00068	U		
cis-1,3-Dichloropropene	10061-01-5						0.00076	U		
Cyclohexane	110-82-7						0.00074	U		
Dibromochloromethane	124-48-1		10				0.00068	U		
Dichlorodifluoromethane	75-71-8						0.00044	U		
Ethylbenzene	100-41-4	1		1	390		0.00037	U		
Isopropylbenzene	98-82-8			2.3			0.0008	U		
m,p-Xylene	179601-23-1						0.00089	U		
Methyl Acetate	79-20-9						0.0032	U		
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00052	U		
Methylcyclohexane	108-87-2						0.00081	U		
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.0024	U		
n-Butylbenzene	104-51-8	12		12	500		0.00046	U		
n-Propylbenzene	103-65-1	3.9		3.9	500		0.00042	U		
o-Xylene	95-47-6						0.00069	U		
sec-Butylbenzene	135-98-8	11		11	500		0.00046	U		
Styrene	100-42-5		300				0.00027	U		
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.00055	U		
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.00071	U		

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-15	SHL-15	SHL-16	SHL-16
							SHL-15-(12-24) 02/15/2024	SHL-15-(6-12) 02/15/2024	SHL-16-(0-6) 02/15/2024	SHL-16-(12-24) 02/15/2024
Toluene	108-88-3	0.7	36	0.7	500		0.0004	U		
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.00055	U		
trans-1,3-Dichloropropene	10061-02-6						0.0023	U		
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.0012	U		
Trichlorofluoromethane	75-69-4						0.0005	U		
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00065	U		
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.00089	U		

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-16	SHL-17	SHL-17	SHL-17
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-16-(6-12)	SHL-17-(0-6)	SHL-17-(12-24)	SHL-17-(6-12)
						Sample Date	02/15/2024	02/15/2024	02/15/2024	02/15/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.45 <i>UJ</i>	0.48 <i>UJ</i>	0.46 <i>UJ</i>	0.48 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.011 <i>U</i>			
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0055 <i>U</i>			
Dichlorprop	120-36-5						0.0086 <i>U</i>			
Picloram	1918-02-1						0.0074 <i>U</i>			
Silvex	93-72-1	3.8		3.8	500		0.0062 <i>U</i>			
Metals (mg/kg)										
Aluminum	7429-90-5		10000				7810	7550	10500	12000
Antimony	7440-36-0		12				0.41 <i>UJ</i>	0.42 <i>UJ</i>	2.4 <i>J</i>	0.43 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		5.2	6.2	17.8	9.3
Barium	7440-39-3	350	433	820	400		89.4	59.4	149	127
Beryllium	7440-41-7	7.2	10	47	590		0.39	0.35	0.47	0.53
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.31	0.12 <i>J</i>	4.1	0.26
Calcium	7440-70-2		10000				66700 <i>J</i>	45900 <i>J</i>	9130 <i>J</i>	21500 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		18.3	11.5	18.5	17.4
Cobalt	7440-48-4		20				7.8	6.4	9.4	11.5
Copper	7440-50-8	50	50	1720	270		17.2	16.3	28.5	22.1
Iron	7439-89-6						15100	14500	21800	22900
Lead	7439-92-1	63	63	450	1000		118	18.8	495	58.3
Magnesium	7439-95-4						5830 <i>J</i>	7510 <i>J</i>	3200 <i>J</i>	5130 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		305 <i>J</i>	467 <i>J</i>	427 <i>J</i>	524 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.016 <i>J</i>	0.0087 <i>J</i>	0.16	0.031
Nickel	7440-02-0	30	30	130	310		18.2	19.3	25.2	26.3
Potassium	7440-09-7						1470	1260	1180	1420
Selenium	7782-49-2	3.9	3.9	4	1500		0.58 <i>J</i>	0.42 <i>U</i>	0.73 <i>J</i>	0.52 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.2 <i>U</i>	0.21 <i>U</i>	0.51 <i>J</i>	0.21 <i>U</i>
Sodium	7440-23-5						102 <i>J</i>	127 <i>J</i>	590	121 <i>J</i>
Thallium	7440-28-0		5				0.39 <i>J</i>	0.31 <i>J</i>	0.43 <i>J</i>	0.44 <i>J</i>
Vanadium	7440-62-2		39				18.4	22.9	18.1	29
Zinc	7440-66-6	109	109	2480	10000		55.5 <i>J</i>	54.1 <i>J</i>	266 <i>J</i>	81.6 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.0095 <i>J</i>			
Barium	7440-39-3						0.77 <i>J</i>			
Cadmium	7440-43-9						0.0024 <i>J</i>			
Chromium	7440-47-3						0.01 <i>U</i>			
Lead	7439-92-1						0.035			
Mercury	7439-97-6						0.000043 <i>U</i>			
Selenium	7782-49-2						0.0087 <i>U</i>			
Silver	7440-22-4						0.0017 <i>UJ</i>			

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-16	SHL-17	SHL-17	SHL-17
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-16-(6-12)	SHL-17-(0-6)	SHL-17-(12-24)	SHL-17-(6-12)
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00017 U			
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00043 U			
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000043 U			
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.0011 U			
3:3 perfluorohexanoic acid	356-02-5						0.00022 U			
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00017 U			
4:2 fluorotelomer sulfonate	757124-72-4						0.00017 U			
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00017 U			
7:3 FTCA	812-70-4						0.0011 U			
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00017 U			
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00017 U			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00017 U			
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00043 U			
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000043 U			
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000043 U			
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000043 U			
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000086 U			
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000086 U			
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000086 U			
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000086 U			
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000043 U			
Perfluorobutanoic acid	375-22-4						0.00017 U			
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000043 U			
Perfluorodecanoic acid	335-76-2						0.000043 U			
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000043 U			
Perfluorododecanoic Acid	307-55-1						0.000043 U			
Perfluoroheptanesulfonic acid	375-92-8						0.000043 U			
Perfluoroheptanoic acid	375-85-9						0.000043 U			
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000043 U			
Perfluorohexanoic acid	307-24-4						0.000043 U			
Perfluorononanesulfonic acid	68259-12-1						0.000043 U			
Perfluorononanoic acid	375-95-1						0.000043 U			
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000043 U			
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.00013 J			
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.000081 J			
Perfluoropentanesulfonic acid	2706-91-4						0.000043 U			
Perfluoropentanoic Acid	2706-90-3						0.000086 U			
Perfluorotetradecanoic Acid	376-06-7						0.000043 U			
Perfluorotridecanoic Acid	72629-94-8						0.000043 U			
Perfluoroundecanoic Acid	2058-94-8						0.000043 U			

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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-16	SHL-17	SHL-17	SHL-17
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-16-(6-12)	SHL-17-(0-6)	SHL-17-(12-24)	SHL-17-(6-12)
						Sample Date	02/15/2024	02/15/2024	02/15/2024	02/15/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.0066 <i>U</i>			
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.0071 <i>U</i>			
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.0081 <i>J</i>			
Aldrin	309-00-2	0.005	0.14	0.19	0.68		0.0084 <i>U</i>			
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.0061 <i>U</i>			
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.0061 <i>U</i>			
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.017 <i>U</i>			
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.0063 <i>U</i>			
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.0082 <i>U</i>			
Endosulfan I	959-98-8	2.4		102	200		0.0065 <i>U</i>			
Endosulfan II	33213-65-9	2.4		102	200		0.0061 <i>U</i>			
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.0063 <i>U</i>			
Endrin	72-20-8	0.014	0.014	0.06	89		0.0067 <i>U</i>			
Endrin aldehyde	7421-93-4						0.0087 <i>U</i>			
Endrin ketone	53494-70-5						0.0084 <i>U</i>			
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.0062 <i>U</i>			
gamma-Chlordane	5566-34-7			14			0.011 <i>U</i>			
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.0074 <i>U</i>			
Heptachlor epoxide	1024-57-3			0.02			0.0088 <i>U</i>			
Methoxychlor	72-43-5		1.2	900			0.0069 <i>U</i>			
Toxaphene	8001-35-2						0.2 <i>U</i>			
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM						2720			
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.046 <i>U</i>			
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.046 <i>U</i>			
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.046 <i>U</i>			
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.046 <i>U</i>			
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.046 <i>U</i>			
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.11 <i>U</i>			
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.11 <i>U</i>			
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.34 <i>U</i>	3.5 <i>U</i>	0.19 <i>UJ</i>	0.36 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.25 <i>U</i>	2.6 <i>U</i>	0.14 <i>UJ</i>	0.26 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.22 <i>U</i>	2.3 <i>U</i>	0.12 <i>UJ</i>	0.23 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.42 <i>U</i>	4.4 <i>U</i>	0.23 <i>UJ</i>	0.44 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.43 <i>J</i>	1.8 <i>U</i>	0.093 <i>UJ</i>	0.18 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.68 <i>J</i>	2.6 <i>U</i>	0.14 <i>UJ</i>	0.26 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.87 <i>J</i>	2.8 <i>U</i>	0.15 <i>UJ</i>	0.28 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.43 <i>J</i>	1.9 <i>U</i>	0.098 <i>UJ</i>	0.19 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.43 <i>J</i>	2.3 <i>U</i>	0.12 <i>UJ</i>	0.23 <i>U</i>
Chrysene	218-01-9	1		1	56		0.49 <i>J</i>	3.9 <i>U</i>	0.21 <i>UJ</i>	0.4 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.3 <i>U</i>	3.1 <i>U</i>	0.16 <i>UJ</i>	0.31 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.57 <i>J</i>	1.9 <i>U</i>	0.17 <i>J</i>	0.19 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.2 <i>U</i>	2.1 <i>U</i>	0.11 <i>UJ</i>	0.21 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.32 <i>J</i>	2.2 <i>U</i>	0.11 <i>UJ</i>	0.22 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.22 <i>U</i>	2.3 <i>U</i>	0.12 <i>UJ</i>	0.23 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.25 <i>U</i>	2.6 <i>U</i>	0.14 <i>UJ</i>	0.26 <i>U</i>
Pyrene	129-00-0	100		1000	500		0.54 <i>J</i>	2.1 <i>U</i>	0.13 <i>J</i>	0.21 <i>U</i>
1,1'-Biphenyl	92-52-4		60				0.25 <i>U</i>	2.6 <i>U</i>	0.14 <i>UJ</i>	0.26 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-16	SHL-17	SHL-17	SHL-17
							SHL-16-(6-12) 02/15/2024	SHL-17-(0-6) 02/15/2024	SHL-17-(12-24) 02/15/2024	SHL-17-(6-12) 02/15/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		0.56 <i>U</i>			
2-Chloronaphthalene	91-58-7						0.28 <i>U</i>	2.9 <i>U</i>	0.15 <i>UJ</i>	0.29 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.31 <i>U</i>	3.2 <i>U</i>	0.17 <i>U</i>	0.33 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.2 <i>U</i>	2.1 <i>U</i>	0.11 <i>U</i>	0.21 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.25 <i>U</i>	2.6 <i>U</i>	0.14 <i>UJ</i>	0.26 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.48 <i>U</i>	5 <i>U</i>	0.26 <i>U</i>	0.5 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.34 <i>U</i>	3.5 <i>U</i>	0.19 <i>UJ</i>	0.36 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.18 <i>U</i>	1.9 <i>U</i>	0.098 <i>U</i>	0.19 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.41 <i>U</i>	4.3 <i>U</i>	0.22 <i>U</i>	0.43 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			7.9 <i>U</i>	81 <i>U</i>	4.3 <i>U</i>	8.2 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.35 <i>U</i>	3.6 <i>U</i>	0.19 <i>UJ</i>	0.37 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.46 <i>U</i>	4.8 <i>U</i>	0.25 <i>U</i>	0.48 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.34 <i>U</i>	3.5 <i>U</i>	0.19 <i>U</i>	0.36 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.2 <i>U</i>	2.1 <i>U</i>	0.11 <i>UJ</i>	0.21 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.47 <i>U</i>	4.9 <i>U</i>	0.26 <i>UJ</i>	0.49 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						2 <i>U</i>	21 <i>U</i>	1.1 <i>UJ</i>	2.1 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.24 <i>U</i>	2.5 <i>U</i>	0.13 <i>UJ</i>	0.25 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.42 <i>U</i>	4.4 <i>U</i>	0.23 <i>U</i>	0.44 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.42 <i>U</i>	4.4 <i>U</i>	0.23 <i>UJ</i>	0.44 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.21 <i>U</i>	2.2 <i>U</i>	0.11 <i>UJ</i>	0.22 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.2 <i>U</i>	2.1 <i>U</i>	0.11 <i>U</i>	0.21 <i>U</i>
4-Nitroaniline	100-01-6						0.9 <i>U</i>	9.2 <i>U</i>	0.49 <i>UJ</i>	0.93 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			1.2 <i>U</i>	12 <i>U</i>	0.65 <i>U</i>	1.2 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1.7 <i>U</i>	18 <i>U</i>	0.93 <i>U</i>	1.8 <i>U</i>
Acetophenone	98-86-2						0.23 <i>U</i>	2.4 <i>U</i>	0.13 <i>UJ</i>	0.24 <i>U</i>
Atrazine	1912-24-9						0.6 <i>U</i>	6.1 <i>U</i>	0.32 <i>UJ</i>	0.62 <i>U</i>
Benzaldehyde	100-52-7						1.4 <i>U</i>	14 <i>U</i>	0.74 <i>UJ</i>	1.4 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.22 <i>U</i>	2.3 <i>U</i>	0.12 <i>UJ</i>	0.23 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.36 <i>U</i>	3.7 <i>U</i>	0.2 <i>UJ</i>	0.38 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.59 <i>U</i>	6 <i>U</i>	0.32 <i>UJ</i>	0.61 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.28 <i>U</i>	2.9 <i>U</i>	0.15 <i>UJ</i>	0.29 <i>U</i>
Carbazole	86-74-8						0.2 <i>U</i>	2.1 <i>U</i>	0.11 <i>UJ</i>	0.21 <i>U</i>
Caprolactam	105-60-2						0.52 <i>U</i>	5.3 <i>U</i>	0.28 <i>UJ</i>	0.54 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.29 <i>U</i>	3 <i>U</i>	0.16 <i>UJ</i>	0.3 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.2 <i>U</i>	2.1 <i>U</i>	0.11 <i>UJ</i>	0.21 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.2 <i>U</i>	2.1 <i>U</i>	0.11 <i>UJ</i>	0.21 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.22 <i>U</i>	2.3 <i>U</i>	0.12 <i>UJ</i>	0.23 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.2 <i>U</i>	2.1 <i>U</i>	0.11 <i>UJ</i>	0.21 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.23 <i>U</i>	2.4 <i>U</i>	0.13 <i>UJ</i>	0.24 <i>U</i>
Hexachlorobutadiene	87-68-3						0.25 <i>U</i>	2.6 <i>U</i>	0.14 <i>UJ</i>	0.26 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.23 <i>U</i>	2.4 <i>U</i>	0.13 <i>UJ</i>	0.24 <i>U</i>
Hexachloroethane	67-72-1						0.22 <i>U</i>	2.3 <i>U</i>	0.12 <i>UJ</i>	0.23 <i>U</i>
Isophorone	78-59-1			4.4			0.36 <i>U</i>	3.7 <i>U</i>	0.2 <i>UJ</i>	0.38 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.29 <i>U</i>	3 <i>U</i>	0.16 <i>UJ</i>	0.3 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				1.4 <i>U</i>	14 <i>U</i>	0.75 <i>UJ</i>	1.4 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.19 <i>U</i>	2 <i>U</i>	0.1 <i>UJ</i>	0.2 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0056 <i>U</i>	18 <i>U</i>	0.93 <i>U</i>	1.8 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.26 <i>U</i>	2.7 <i>U</i>	0.14 <i>U</i>	0.27 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-16	SHL-17	SHL-17	SHL-17
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-16-(6-12)	SHL-17-(0-6)	SHL-17-(12-24)	SHL-17-(6-12)
02/15/202402/15/202402/15/202402/15/2024										
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00061 U			
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.00061 U			
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.00036 U			
1,1,1,2-Tetrachloroethane	630-20-6						0.0005 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.0011 U			
1,1,2-Trichloroethane	79-00-5						0.00065 U			
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.00081 U			
1,2-Dibromo-3-chloropropane	96-12-8						0.0025 U			
1,2-Dibromoethane	106-93-4						0.00064 U			
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.00039 U			
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00025 U			
1,2-Dichloropropane	78-87-5		700				0.0025 U			
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.0003 U			
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.00096 U			
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.00026 U			
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.00032 U			
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.0007 U			
2-Butanone	78-93-3	0.12	100	0.3	500		0.0018 U			
2-Hexanone	591-78-6						0.0025 U			
4-Methyl-2-pentanone	108-10-1			1			0.0016 U			
Acetone	67-64-1	0.05	2.2	0.05	500		0.0076 J			
Benzene	71-43-2	0.06	70	0.06	44		0.00025 U			
Bromodichloromethane	75-27-4						0.00067 U			
Bromoform	75-25-2						0.0025 U			
Bromomethane	74-83-9						0.00045 U			
Carbon disulfide	75-15-0			2.7			0.0025 U			
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00048 U			
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.00066 U			
Chloroethane	75-00-3			1.9			0.0011 U			
Chloroform	67-66-3	0.37	12	0.37	350		0.00031 U			
Chloromethane	74-87-3						0.0003 U			
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.00064 U			
cis-1,3-Dichloropropene	10061-01-5						0.00072 U			
Cyclohexane	110-82-7						0.0007 U			
Dibromochloromethane	124-48-1		10				0.00064 U			
Dichlorodifluoromethane	75-71-8						0.00041 U			
Ethylbenzene	100-41-4	1		1	390		0.00035 U			
Isopropylbenzene	98-82-8			2.3			0.00075 U			
m,p-Xylene	179601-23-1						0.00084 U			
Methyl Acetate	79-20-9						0.003 U			
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00049 U			
Methylcyclohexane	108-87-2						0.00076 U			
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.0023 U			
n-Butylbenzene	104-51-8	12		12	500		0.00044 U			
n-Propylbenzene	103-65-1	3.9		3.9	500		0.0004 U			
o-Xylene	95-47-6						0.00065 U			
sec-Butylbenzene	135-98-8	11		11	500		0.00044 U			
Styrene	100-42-5		300				0.00025 U			
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.00052 U			
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.00067 U			

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-16	SHL-17	SHL-17	SHL-17
							SHL-16-(6-12)	SHL-17-(0-6)	SHL-17-(12-24)	SHL-17-(6-12)
							02/15/2024	02/15/2024	02/15/2024	02/15/2024
Toluene	108-88-3	0.7	36	0.7	500		0.00038 <i>U</i>			
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.00052 <i>U</i>			
trans-1,3-Dichloropropene	10061-02-6						0.0022 <i>U</i>			
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.0011 <i>U</i>			
Trichlorofluoromethane	75-69-4						0.00047 <i>U</i>			
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00061 <i>U</i>			
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.00084 <i>U</i>			

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-18	SHL-18	SHL-18	SHL-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-18-(0-6)	SHL-18-(12-24)	SHL-18-(6-12)	SHL-19-(0-6)
						Sample Date	02/14/2024	02/14/2024	02/15/2024	02/14/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.45 <i>U</i>	0.55 <i>U</i>	0.53 <i>U</i>	0.5 <i>U</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						
Dichlorprop	120-36-5									
Picloram	1918-02-1									
Silvex	93-72-1	3.8		3.8	500					
Metals (mg/kg)										
Aluminum	7429-90-5		10000				8980 <i>J</i>	10700 <i>J</i>	9600 <i>J</i>	9550 <i>J</i>
Antimony	7440-36-0		12				0.43 <i>UJ</i>	0.46 <i>UJ</i>	0.43 <i>UJ</i>	0.4 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		5.1	8.3	8.6	4.9
Barium	7440-39-3	350	433	820	400		112 <i>J</i>	96.4 <i>J</i>	175 <i>J</i>	97.1 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	590		0.41 <i>J</i>	0.54 <i>J</i>	0.52 <i>J</i>	0.37 <i>J</i>
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.12 <i>J</i>	2.6	0.76	0.11 <i>J</i>
Calcium	7440-70-2		10000				48400 <i>J</i>	22600 <i>J</i>	79200 <i>J</i>	26000 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		15.7 <i>J</i>	13.4 <i>J</i>	11.8 <i>J</i>	11.9 <i>J</i>
Cobalt	7440-48-4		20				7.7	8.6	8.4	8.2
Copper	7440-50-8	50	50	1720	270		16.6 <i>J</i>	21.3 <i>J</i>	82 <i>J</i>	29.1 <i>J</i>
Iron	7439-89-6						18800 <i>J</i>	21200 <i>J</i>	15600 <i>J</i>	20700 <i>J</i>
Lead	7439-92-1	63	63	450	1000		54.6 <i>J</i>	146 <i>J</i>	198 <i>J</i>	61.4 <i>J</i>
Magnesium	7439-95-4						7070 <i>J</i>	2910 <i>J</i>	5240 <i>J</i>	8440 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		305 <i>J</i>	377 <i>J</i>	376 <i>J</i>	350 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.0046 <i>J</i>	0.1 <i>J</i>	0.061 <i>J</i>	0.019 <i>J</i>
Nickel	7440-02-0	30	30	130	310		20.4	21.9	19.7	23.5
Potassium	7440-09-7						1470 <i>J</i>	1420 <i>J</i>	1710 <i>J</i>	1220 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	1500		0.43 <i>UJ</i>	0.47 <i>J</i>	0.43 <i>UJ</i>	0.4 <i>UJ</i>
Silver	7440-22-4	2	2	8.3	1500		0.22 <i>UJ</i>	0.23 <i>UJ</i>	0.21 <i>UJ</i>	0.2 <i>UJ</i>
Sodium	7440-23-5						109 <i>J</i>	112 <i>J</i>	135 <i>J</i>	83.2 <i>J</i>
Thallium	7440-28-0		5				0.32 <i>UJ</i>	0.34 <i>UJ</i>	0.32 <i>UJ</i>	0.3 <i>UJ</i>
Vanadium	7440-62-2		39				21.1 <i>J</i>	17 <i>J</i>	15.8 <i>J</i>	20.8 <i>J</i>
Zinc	7440-66-6	109	109	2480	10000		57.4 <i>J</i>	85.9 <i>J</i>	113 <i>J</i>	66.5 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-18	SHL-18	SHL-18	SHL-19
							SHL-18-(0-6) 02/14/2024	SHL-18-(12-24) 02/14/2024	SHL-18-(6-12) 02/15/2024	SHL-19-(0-6) 02/14/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									
3:3 perfluorohexanoic acid	356-02-5									
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									
4:2 fluorotelomer sulfonate	757124-72-4									
6:2 Fluorotelomer sulfonic acid	27619-97-2									
7:3 FTCA	812-70-4									
8:2 Fluorotelomer sulfonic acid	39108-34-4									
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									
N-methylperfluoro-1-octanesulfonamide	31506-32-8									
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									
Perfluoro-3-methoxypropanoic acid	377-73-1									
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									
Perfluoro(4-methoxybutanoic) acid	863090-89-5									
Perfluorobutanesulfonic acid (PFBS)	375-73-5									
Perfluorobutanoic acid	375-22-4									
Perfluorodecanesulfonic acid (PFDS)	335-77-3									
Perfluorodecanoic acid	335-76-2									
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									
Perfluorododecanoic Acid	307-55-1									
Perfluoroheptanesulfonic acid	375-92-8									
Perfluoroheptanoic acid	375-85-9									
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									
Perfluorohexanoic acid	307-24-4									
Perfluorononanesulfonic acid	68259-12-1									
Perfluorononanoic acid	375-95-1									
Perfluorooctanesulfonamide (PFOSA)	754-91-6									
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					
Perfluoropentanesulfonic acid	2706-91-4									
Perfluoropentanoic Acid	2706-90-3									
Perfluorotetradecanoic Acid	376-06-7									
Perfluorotridecanoic Acid	72629-94-8									
Perfluoroundecanoic Acid	2058-94-8									

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-18	SHL-18	SHL-18	SHL-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SHL-18-(0-6) 02/14/2024	SHL-18-(12-24) 02/14/2024	SHL-18-(6-12) 02/15/2024	SHL-19-(0-6) 02/14/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					
Aldrin	309-00-2	0.005	0.14	0.19	0.68					
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					
beta-BHC	319-85-7	0.036	0.6	0.09	3					
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					
delta-BHC	319-86-8	0.04	0.04	0.25	500					
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					
Endosulfan I	959-98-8	2.4		102	200					
Endosulfan II	33213-65-9	2.4		102	200					
Endosulfan sulfate	1031-07-8	2.4		1000	200					
Endrin	72-20-8	0.014	0.014	0.06	89					
Endrin aldehyde	7421-93-4									
Endrin ketone	53494-70-5									
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					
gamma-Chlordane	5566-34-7			14						
Heptachlor	76-44-8	0.042	0.14	0.38	15					
Heptachlor epoxide	1024-57-3			0.02						
Methoxychlor	72-43-5		1.2	900						
Toxaphene	8001-35-2									
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					
Aroclor 1221	11104-28-2	0.1	1	3.2	1					
Aroclor 1232	11141-16-5	0.1	1	3.2	1					
Aroclor 1242	53469-21-9	0.1	1	3.2	1					
Aroclor 1248	12672-29-6	0.1	1	3.2	1					
Aroclor 1254	11097-69-1	0.1	1	3.2	1					
Aroclor 1260	11096-82-5	0.1	1	3.2	1					
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			3.5 <i>U</i>	0.39 <i>U</i>	0.37 <i>U</i>	3.5 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		2.6 <i>U</i>	0.29 <i>U</i>	0.27 <i>U</i>	2.6 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		2.3 <i>U</i>	0.25 <i>U</i>	0.24 <i>U</i>	2.3 <i>U</i>
Anthracene	120-12-7	100		1000	500		4.3 <i>U</i>	0.48 <i>U</i>	0.46 <i>U</i>	4.4 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		1.7 <i>U</i>	0.66 <i>J</i>	0.34 <i>J</i>	1.8 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		2.6 <i>U</i>	0.77 <i>J</i>	0.42 <i>J</i>	2.6 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		2.8 <i>U</i>	0.92 <i>J</i>	0.6 <i>J</i>	2.8 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		1.8 <i>U</i>	0.76 <i>J</i>	0.27 <i>J</i>	1.9 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		2.3 <i>U</i>	0.44 <i>J</i>	0.28 <i>J</i>	2.3 <i>U</i>
Chrysene	218-01-9	1		1	56		3.9 <i>U</i>	0.66 <i>J</i>	0.41 <i>U</i>	3.9 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		3.1 <i>U</i>	0.34 <i>U</i>	0.33 <i>U</i>	3.1 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		1.8 <i>U</i>	1.5 <i>J</i>	0.48 <i>J</i>	1.9 <i>U</i>
Fluorene	86-73-7	30	30	386	500		2.1 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>	2.1 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		2.2 <i>U</i>	0.31 <i>J</i>	0.24 <i>J</i>	2.2 <i>U</i>
Naphthalene	91-20-3	12		12	500		2.3 <i>U</i>	0.25 <i>U</i>	0.24 <i>U</i>	2.3 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		2.6 <i>U</i>	1 <i>J</i>	0.27 <i>U</i>	2.6 <i>U</i>
Pyrene	129-00-0	100		1000	500		2.1 <i>U</i>	1.1 <i>J</i>	0.43 <i>J</i>	2.1 <i>U</i>
1,1'-Biphenyl	92-52-4		60				2.6 <i>U</i>	0.29 <i>U</i>	0.27 <i>U</i>	2.6 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-18	SHL-18	SHL-18	SHL-19
							SHL-18-(0-6) 02/14/2024	SHL-18-(12-24) 02/14/2024	SHL-18-(6-12) 02/15/2024	SHL-19-(0-6) 02/14/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					
2-Chloronaphthalene	91-58-7						2.9 U	0.32 U	0.3 U	2.9 U
2-Chlorophenol	95-57-8		0.8				3.2 U	0.35 U	0.34 U	3.2 U
2-Methylphenol	95-48-7	0.33		0.33	500		2.1 U	0.23 U	0.22 U	2.1 U
2-Nitroaniline	88-74-4			0.4			2.6 U	0.29 U	0.27 U	2.6 U
2-Nitrophenol	88-75-5		7	0.3			4.9 U	0.55 U	0.52 U	5 U
2,2'-oxybis(1-Chloropropane)	108-60-1						3.5 U	0.39 U	0.37 U	3.5 U
2,4-Dichlorophenol	120-83-2		20	0.4			1.8 U	0.21 U	0.2 U	1.9 U
2,4-Dimethylphenol	105-67-9						4.2 U	0.47 U	0.45 U	4.3 U
2,4-Dinitrophenol	51-28-5		20	0.2			81 U	9 U	8.5 U	81 U
2,4-Dinitrotoluene	121-14-2						3.6 U	0.4 U	0.38 U	3.6 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			4.7 U	0.53 U	0.5 U	4.8 U
2,4,6-Trichlorophenol	88-06-2		10				3.5 U	0.39 U	0.37 U	3.5 U
2,6-Dinitrotoluene	606-20-2			1			2.1 U	0.23 U	0.22 U	2.1 U
3-Nitroaniline	99-09-2			0.5			4.8 U	0.54 U	0.51 U	4.9 U
3,3'-Dichlorobenzidine	91-94-1						21 U	2.3 U	2.2 U	21 U
4-Bromophenyl-phenylether	101-55-3						2.5 U	0.27 U	0.26 U	2.5 U
4-Chloro-3-methylphenol	59-50-7						4.3 U	0.48 U	0.46 U	4.4 U
4-Chloroaniline	106-47-8			0.22			4.3 U	0.48 U	0.46 U	4.4 U
4-Chlorophenyl-phenyl ether	7005-72-3						2.2 U	0.24 U	0.23 U	2.2 U
4-Methylphenol	106-44-5	0.33		0.33	500		2.1 U	0.23 U	0.22 U	2.1 U
4-Nitroaniline	100-01-6						9.1 U	1 U	0.97 U	9.2 U
4-Nitrophenol	100-02-7		7	0.1			12 U	1.4 U	1.3 U	12 U
4,6-Dinitro-O-cresol	534-52-1						17 U	1.9 U	1.8 U	18 U
Acetophenone	98-86-2						2.4 U	0.26 U	0.25 U	2.4 U
Atrazine	1912-24-9						6.1 U	0.67 U	0.64 U	6.1 U
Benzaldehyde	100-52-7						14 U	1.5 U	1.5 U	14 U
Bis(2-chloroethyl)ether	111-44-4						2.3 U	0.25 U	0.24 U	2.3 U
bis(2-Chloroethoxy)methane	111-91-1						3.7 U	0.41 U	0.39 U	3.7 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			6 U	0.66 U	0.63 U	6 U
Butyl benzyl phthalate	85-68-7			122			2.9 U	0.32 U	0.3 U	2.9 U
Carbazole	86-74-8						2.1 U	0.23 U	0.22 U	2.1 U
Caprolactam	105-60-2						5.2 U	0.58 U	0.55 U	5.3 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			3 U	0.33 U	0.32 U	3 U
Di-n-octylphthalate	117-84-0			120			2.1 U	0.23 U	0.22 U	2.1 U
Dibenzofuran	132-64-9	7		6.2	350		2.1 U	0.23 U	0.22 U	2.1 U
Diethyl phthalate	84-66-2		100	7.1			2.3 U	0.25 U	0.24 U	2.3 U
Dimethyl phthalate	131-11-3		200	27			2.1 U	0.23 U	0.22 U	2.1 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		2.4 U	0.26 U	0.25 U	2.4 U
Hexachlorobutadiene	87-68-3						2.6 U	0.29 U	0.27 U	2.6 U
Hexachlorocyclopentadiene	77-47-4		10				2.4 U	0.26 U	0.25 U	2.4 U
Hexachloroethane	67-72-1						2.3 U	0.25 U	0.24 U	2.3 U
Isophorone	78-59-1			4.4			3.7 U	0.41 U	0.39 U	3.7 U
N-Nitrosodi-n-propylamine	621-64-7						3 U	0.33 U	0.32 U	3 U
N-Nitrosodiphenylamine	86-30-6		20				14 U	1.6 U	1.5 U	14 U
Nitrobenzene	98-95-3		40	0.17	69		2 U	0.22 U	0.21 U	2 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		17 U	1.9 U	1.8 U	18 U
Phenol	108-95-2	0.33	30	0.33	500		2.7 U	0.3 U	0.28 U	2.7 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-18	SHL-18	SHL-18	SHL-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-18-(0-6)	SHL-18-(12-24)	SHL-18-(6-12)	SHL-19-(0-6)
						Sample Date	02/14/2024	02/14/2024	02/15/2024	02/14/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					
1,1-Dichloroethene	75-35-4	0.33		0.33	500					
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					
1,1,1,2-Tetrachloroethane	630-20-6									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						
1,1,2-Trichloroethane	79-00-5									
1,1,2,2-Tetrachloroethane	79-34-5			0.6						
1,2-Dibromo-3-chloropropane	96-12-8									
1,2-Dibromoethane	106-93-4									
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					
1,2-Dichloropropane	78-87-5		700							
1,2,4-Trichlorobenzene	120-82-1		20	3.4						
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					
2-Butanone	78-93-3	0.12	100	0.3	500					
2-Hexanone	591-78-6									
4-Methyl-2-pentanone	108-10-1			1						
Acetone	67-64-1	0.05	2.2	0.05	500					
Benzene	71-43-2	0.06	70	0.06	44					
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon disulfide	75-15-0			2.7						
Carbon Tetrachloride	56-23-5	0.76		0.76	22					
Chlorobenzene	108-90-7	1.1	40	1.1	500					
Chloroethane	75-00-3			1.9						
Chloroform	67-66-3	0.37	12	0.37	350					
Chloromethane	74-87-3									
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1		10							
Dichlorodifluoromethane	75-71-8									
Ethylbenzene	100-41-4	1		1	390					
Isopropylbenzene	98-82-8			2.3						
m,p-Xylene	179601-23-1									
Methyl Acetate	79-20-9									
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					
Methylcyclohexane	108-87-2									
Methylene Chloride	75-09-2	0.05	12	0.05	500					
n-Butylbenzene	104-51-8	12		12	500					
n-Propylbenzene	103-65-1	3.9		3.9	500					
o-Xylene	95-47-6									
sec-Butylbenzene	135-98-8	11		11	500					
Styrene	100-42-5		300							
tert-Butylbenzene	98-06-6	5.9		5.9	500					
Tetrachloroethene	127-18-4	1.3	2	1.3	150					

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-18	SHL-18	SHL-18	SHL-19
							SHL-18-(0-6)	SHL-18-(12-24)	SHL-18-(6-12)	SHL-19-(0-6)
							02/14/2024	02/14/2024	02/15/2024	02/14/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-19	SHL-19	SHL-2	SHL-2
							SHL-19-(12-24) 02/14/2024	SHL-19-(6-12) 02/14/2024	SHL-2-(0-6) 02/21/2024	SHL-2-(12-24) 02/19/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.51 <i>U</i>	0.49 <i>U</i>	0.68 <i>U</i>	0.57 <i>U</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						0.012 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						0.0062 <i>U</i>
Dichlorprop	120-36-5									0.0096 <i>U</i>
Picloram	1918-02-1									0.0083 <i>U</i>
Silvex	93-72-1	3.8		3.8	500					0.0069 <i>U</i>
Metals (mg/kg)										
Aluminum	7429-90-5		10000				6770 <i>J</i>	10400 <i>J</i>	7630	11500
Antimony	7440-36-0		12				0.5 <i>UJ</i>	0.45 <i>UJ</i>	1.2 <i>J</i>	3.9 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		6.3	6.8	6.3	12.8
Barium	7440-39-3	350	433	820	400		96 <i>J</i>	129 <i>J</i>	105 <i>J</i>	124
Beryllium	7440-41-7	7.2	10	47	590		0.66 <i>J</i>	0.51 <i>J</i>	0.61	0.67
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.14 <i>J</i>	0.11 <i>J</i>	0.28 <i>J</i>	2.2
Calcium	7440-70-2		10000				6380 <i>J</i>	48200 <i>J</i>	1830 <i>J</i>	6110 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		9.1 <i>J</i>	11.8 <i>J</i>	10.2	15.7
Cobalt	7440-48-4		20				5.9	9.8	6.7	9.4
Copper	7440-50-8	50	50	1720	270		23.1 <i>J</i>	18.9 <i>J</i>	18.7	31.8
Iron	7439-89-6						13600 <i>J</i>	21600 <i>J</i>	12400	20700
Lead	7439-92-1	63	63	450	1000		61.3 <i>J</i>	64 <i>J</i>	38.3 <i>J</i>	230 <i>J</i>
Magnesium	7439-95-4						2170 <i>J</i>	5820 <i>J</i>	1490 <i>J</i>	3510
Manganese	7439-96-5	1600	1600	2000	10000		216 <i>J</i>	367 <i>J</i>	303 <i>J</i>	476 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.04 <i>J</i>	0.013 <i>J</i>	0.04	0.23
Nickel	7440-02-0	30	30	130	310		14.5	21.8	15.2	22
Potassium	7440-09-7						696 <i>J</i>	1570 <i>J</i>	1060	1400
Selenium	7782-49-2	3.9	3.9	4	1500		0.5 <i>UJ</i>	0.45 <i>UJ</i>	0.63 <i>J</i>	0.49 <i>U</i>
Silver	7440-22-4	2	2	8.3	1500		0.25 <i>UJ</i>	0.22 <i>UJ</i>	0.29 <i>U</i>	0.25 <i>U</i>
Sodium	7440-23-5						112 <i>J</i>	79 <i>J</i>	57.2 <i>J</i>	85.5 <i>U</i>
Thallium	7440-28-0		5				0.38 <i>UJ</i>	0.33 <i>UJ</i>	0.44 <i>U</i>	0.37 <i>U</i>
Vanadium	7440-62-2		39				15.3 <i>J</i>	16.2 <i>J</i>	15.9	23.7
Zinc	7440-66-6	109	109	2480	10000		48.5 <i>J</i>	58.2 <i>J</i>	52.6 <i>J</i>	91.5
TCLP Metals (mg/L)										
Arsenic	7440-38-2									0.0056 <i>U</i>
Barium	7440-39-3									0.66 <i>J</i>
Cadmium	7440-43-9									0.024 <i>J</i>
Chromium	7440-47-3									0.01 <i>U</i>
Lead	7439-92-1									0.14 <i>J</i>
Mercury	7439-97-6									0.000043 <i>U</i>
Selenium	7782-49-2									0.0087 <i>U</i>
Silver	7440-22-4									0.0017 <i>U</i>

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							SHL-19-(12-24) 02/14/2024	SHL-19-(6-12) 02/14/2024	SHL-2-(0-6) 02/21/2024	SHL-2-(12-24) 02/19/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									0.00014 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									0.00036 U
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									0.000036 U
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									0.00089 U
3:3 perfluorohexanoic acid	356-02-5									0.00018 U
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									0.00014 U
4:2 fluorotelomer sulfonate	757124-72-4									0.00014 U
6:2 Fluorotelomer sulfonic acid	27619-97-2									0.00014 U
7:3 FTCA	812-70-4									0.00089 U
8:2 Fluorotelomer sulfonic acid	39108-34-4									0.00014 U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									0.00014 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									0.00014 U
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									0.00036 U
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									0.000036 U
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									0.000036 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8									0.000036 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									0.000071 U
Perfluoro-3-methoxypropanoic acid	377-73-1									0.000071 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									0.000071 U
Perfluoro(4-methoxybutanoic) acid	863090-89-5									0.000071 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5									0.000036 U
Perfluorobutanoic acid	375-22-4									0.00014 U
Perfluorodecanesulfonic acid (PFDS)	335-77-3									0.000036 U
Perfluorodecanoic acid	335-76-2									0.000043 J
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									0.000036 U
Perfluorododecanoic Acid	307-55-1									0.000036 U
Perfluoroheptanesulfonic acid	375-92-8									0.000036 U
Perfluoroheptanoic acid	375-85-9									0.000036 U
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									0.000036 U
Perfluorohexanoic acid	307-24-4									0.000036 U
Perfluorononanesulfonic acid	68259-12-1									0.000036 U
Perfluorononanoic acid	375-95-1									0.000036 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6									0.000036 U
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					0.00012 J
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					0.000036 U
Perfluoropentanesulfonic acid	2706-91-4									0.000036 U
Perfluoropentanoic Acid	2706-90-3									0.000071 U
Perfluorotetradecanoic Acid	376-06-7									0.000036 U
Perfluorotridecanoic Acid	72629-94-8									0.000036 U
Perfluoroundecanoic Acid	2058-94-8									0.000056 J

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							SHL-19-(12-24) 02/14/2024	SHL-19-(6-12) 02/14/2024	SHL-2-(0-6) 02/21/2024	SHL-2-(12-24) 02/19/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					0.0074 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					0.044
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					0.0089 <i>U</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.68					0.0094 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					0.0069 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	3					0.0069 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					0.019 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	500					0.0071 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					0.26
Endosulfan I	959-98-8	2.4		102	200					0.0073 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	200					0.0069 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	200					0.015 <i>J</i>
Endrin	72-20-8	0.014	0.014	0.06	89					0.066
Endrin aldehyde	7421-93-4									0.078 <i>J</i>
Endrin ketone	53494-70-5									0.012 <i>J</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					0.007 <i>U</i>
gamma-Chlordane	5566-34-7			14						0.012 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	15					0.0083 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02						0.011 <i>J</i>
Methoxychlor	72-43-5		1.2	900						0.0078 <i>U</i>
Toxaphene	8001-35-2									0.22 <i>U</i>
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									47.1 <i>U</i>
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					0.24 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1					0.24 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1					0.24 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1					0.24 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1					0.24 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1					0.57 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1					11
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.04 <i>U</i>	0.18 <i>U</i>	0.24 <i>U</i>	0.04 <i>UJ</i>
Acenaphthene	83-32-9	20	20	98	500		0.029 <i>U</i>	0.13 <i>U</i>	0.17 <i>U</i>	0.029 <i>UJ</i>
Acenaphthylene	208-96-8	100		107	500		0.026 <i>U</i>	0.12 <i>U</i>	0.15 <i>U</i>	0.12 <i>J</i>
Anthracene	120-12-7	100		1000	500		0.049 <i>U</i>	0.22 <i>U</i>	0.29 <i>U</i>	0.097 <i>J</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.055 <i>J</i>	0.3 <i>J</i>	0.12 <i>U</i>	0.48 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.05 <i>J</i>	0.36 <i>J</i>	0.17 <i>U</i>	0.61 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.064 <i>J</i>	0.46 <i>J</i>	0.19 <i>U</i>	0.99 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.041 <i>J</i>	0.29 <i>J</i>	0.13 <i>U</i>	0.18 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.041 <i>J</i>	0.2 <i>J</i>	0.15 <i>U</i>	0.38 <i>J</i>
Chrysene	218-01-9	1		1	56		0.085 <i>J</i>	0.3 <i>J</i>	0.27 <i>U</i>	0.53 <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.035 <i>U</i>	0.16 <i>U</i>	0.21 <i>U</i>	0.062 <i>J</i>
Fluoranthene	206-44-0	100		1000	500		0.088 <i>J</i>	0.48 <i>J</i>	0.13 <i>U</i>	1 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.024 <i>U</i>	0.1 <i>U</i>	0.14 <i>U</i>	0.03 <i>J</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.033 <i>J</i>	0.23 <i>J</i>	0.15 <i>U</i>	0.21 <i>J</i>
Naphthalene	91-20-3	12		12	500		0.026 <i>U</i>	0.12 <i>U</i>	0.15 <i>U</i>	0.026 <i>J</i>
Phenanthrene	85-01-8	100		1000	500		0.084 <i>J</i>	0.15 <i>J</i>	0.17 <i>U</i>	0.42 <i>J</i>
Pyrene	129-00-0	100		1000	500		0.077 <i>J</i>	0.45 <i>J</i>	0.14 <i>U</i>	0.66 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.029 <i>U</i>	0.13 <i>U</i>	0.17 <i>U</i>	0.029 <i>UJ</i>

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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-19	SHL-19	SHL-2	SHL-2
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-19-(12-24) 02/14/2024	SHL-19-(6-12) 02/14/2024	SHL-2-(0-6) 02/21/2024	SHL-2-(12-24) 02/19/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					0.064 <i>UJ</i>
2-Chloronaphthalene	91-58-7						0.033 <i>U</i>	0.15 <i>U</i>	0.2 <i>U</i>	0.033 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8				0.037 <i>U</i>	0.16 <i>U</i>	0.22 <i>U</i>	0.036 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.024 <i>U</i>	0.1 <i>U</i>	0.14 <i>U</i>	0.023 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.029 <i>U</i>	0.13 <i>U</i>	0.17 <i>U</i>	0.029 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.057 <i>U</i>	0.25 <i>U</i>	0.34 <i>U</i>	0.056 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.04 <i>U</i>	0.18 <i>U</i>	0.24 <i>U</i>	0.04 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.021 <i>U</i>	0.094 <i>U</i>	0.13 <i>U</i>	0.021 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.048 <i>U</i>	0.22 <i>U</i>	0.29 <i>U</i>	0.048 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			0.92 <i>U</i>	4.1 <i>U</i>	5.5 <i>U</i>	0.91 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.041 <i>U</i>	0.18 <i>U</i>	0.24 <i>U</i>	0.041 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.054 <i>U</i>	0.24 <i>U</i>	0.32 <i>U</i>	0.054 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.04 <i>U</i>	0.18 <i>U</i>	0.24 <i>U</i>	0.04 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.024 <i>U</i>	0.1 <i>U</i>	0.14 <i>U</i>	0.023 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.055 <i>U</i>	0.25 <i>U</i>	0.33 <i>U</i>	0.055 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						0.24 <i>U</i>	1 <i>U</i>	1.4 <i>U</i>	0.23 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.028 <i>U</i>	0.13 <i>U</i>	0.17 <i>U</i>	0.028 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.049 <i>U</i>	0.22 <i>U</i>	0.29 <i>U</i>	0.049 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.049 <i>U</i>	0.22 <i>U</i>	0.29 <i>U</i>	0.049 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.025 <i>U</i>	0.11 <i>U</i>	0.15 <i>U</i>	0.024 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.024 <i>U</i>	0.1 <i>U</i>	0.14 <i>U</i>	0.023 <i>U</i>
4-Nitroaniline	100-01-6						0.1 <i>U</i>	0.47 <i>U</i>	0.62 <i>U</i>	0.1 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			0.14 <i>U</i>	0.62 <i>U</i>	0.83 <i>U</i>	0.14 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.2 <i>U</i>	0.89 <i>U</i>	1.2 <i>U</i>	0.2 <i>U</i>
Acetophenone	98-86-2						0.027 <i>U</i>	0.12 <i>U</i>	0.16 <i>U</i>	0.027 <i>UJ</i>
Atrazine	1912-24-9						0.069 <i>U</i>	0.31 <i>U</i>	0.41 <i>U</i>	0.069 <i>UJ</i>
Benzaldehyde	100-52-7						0.16 <i>U</i>	0.71 <i>U</i>	0.94 <i>U</i>	0.16 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.026 <i>U</i>	0.12 <i>U</i>	0.15 <i>U</i>	0.026 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.042 <i>U</i>	0.19 <i>U</i>	0.25 <i>U</i>	0.042 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.068 <i>U</i>	0.3 <i>U</i>	0.41 <i>U</i>	0.068 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122			0.033 <i>U</i>	0.15 <i>U</i>	0.2 <i>U</i>	0.033 <i>UJ</i>
Carbazole	86-74-8						0.024 <i>U</i>	0.1 <i>U</i>	0.14 <i>U</i>	0.06 <i>J</i>
Caprolactam	105-60-2						0.06 <i>U</i>	0.27 <i>U</i>	0.36 <i>U</i>	0.059 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.034 <i>U</i>	0.15 <i>U</i>	0.2 <i>U</i>	0.034 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120			0.024 <i>U</i>	0.1 <i>U</i>	0.14 <i>U</i>	0.023 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	350		0.024 <i>U</i>	0.1 <i>U</i>	0.14 <i>U</i>	0.034 <i>J</i>
Diethyl phthalate	84-66-2		100	7.1			0.026 <i>U</i>	0.12 <i>U</i>	0.15 <i>U</i>	0.026 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27			0.024 <i>U</i>	0.1 <i>U</i>	0.14 <i>U</i>	0.023 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.027 <i>U</i>	0.12 <i>U</i>	0.16 <i>U</i>	0.027 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.029 <i>U</i>	0.13 <i>U</i>	0.17 <i>U</i>	0.029 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.027 <i>U</i>	0.12 <i>U</i>	0.16 <i>U</i>	0.027 <i>UJ</i>
Hexachloroethane	67-72-1						0.026 <i>U</i>	0.12 <i>U</i>	0.15 <i>U</i>	0.026 <i>UJ</i>
Isophorone	78-59-1			4.4			0.042 <i>U</i>	0.19 <i>U</i>	0.25 <i>U</i>	0.042 <i>UJ</i>
N-Nitrosodi-n-propylamine	621-64-7						0.034 <i>U</i>	0.15 <i>U</i>	0.2 <i>U</i>	0.034 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				0.16 <i>U</i>	0.72 <i>U</i>	0.97 <i>U</i>	0.16 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	69		0.022 <i>U</i>	0.1 <i>U</i>	0.13 <i>U</i>	0.022 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.2 <i>U</i>	0.89 <i>U</i>	1.2 <i>U</i>	0.0063 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.031 <i>U</i>	0.14 <i>U</i>	0.18 <i>U</i>	0.03 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-19	SHL-19	SHL-2	SHL-2
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-19-(12-24)	SHL-19-(6-12)	SHL-2-(0-6)	SHL-2-(12-24)
02/14/202402/14/202402/21/202402/19/2024										
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					0.00037 U
1,1-Dichloroethene	75-35-4	0.33		0.33	500					0.00037 U
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					0.00022 U
1,1,1,2-Tetrachloroethane	630-20-6									0.0003 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						0.00069 U
1,1,2-Trichloroethane	79-00-5									0.00039 U
1,1,2,2-Tetrachloroethane	79-34-5			0.6						0.00049 U
1,2-Dibromo-3-chloropropane	96-12-8									0.0015 U
1,2-Dibromoethane	106-93-4									0.00039 U
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					0.00024 U
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					0.00015 U
1,2-Dichloropropane	78-87-5		700							0.0015 U
1,2,4-Trichlorobenzene	120-82-1		20	3.4						0.00018 U
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					0.00058 U
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					0.00016 U
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					0.00019 U
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					0.00042 U
2-Butanone	78-93-3	0.12	100	0.3	500					0.0011 U
2-Hexanone	591-78-6									0.0015 U
4-Methyl-2-pentanone	108-10-1			1						0.00099 U
Acetone	67-64-1	0.05	2.2	0.05	500					0.0025 U
Benzene	71-43-2	0.06	70	0.06	44					0.00015 U
Bromodichloromethane	75-27-4									0.0004 U
Bromoform	75-25-2									0.0015 U
Bromomethane	74-83-9									0.00027 U
Carbon disulfide	75-15-0			2.7						0.0015 U
Carbon Tetrachloride	56-23-5	0.76		0.76	22					0.00029 U
Chlorobenzene	108-90-7	1.1	40	1.1	500					0.0004 U
Chloroethane	75-00-3			1.9						0.00068 U
Chloroform	67-66-3	0.37	12	0.37	350					0.00019 U
Chloromethane	74-87-3									0.00018 U
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					0.00039 U
cis-1,3-Dichloropropene	10061-01-5									0.00043 U
Cyclohexane	110-82-7									0.00042 U
Dibromochloromethane	124-48-1		10							0.00039 U
Dichlorodifluoromethane	75-71-8									0.00025 U
Ethylbenzene	100-41-4	1		1	390					0.00021 U
Isopropylbenzene	98-82-8			2.3						0.00046 U
m,p-Xylene	179601-23-1									0.00051 U
Methyl Acetate	79-20-9									0.0018 U
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					0.0003 U
Methylcyclohexane	108-87-2									0.00046 U
Methylene Chloride	75-09-2	0.05	12	0.05	500					0.0014 U
n-Butylbenzene	104-51-8	12		12	500					0.00026 U
n-Propylbenzene	103-65-1	3.9		3.9	500					0.00024 U
o-Xylene	95-47-6									0.00039 U
sec-Butylbenzene	135-98-8	11		11	500					0.00026 U
Styrene	100-42-5		300							0.00015 U
tert-Butylbenzene	98-06-6	5.9		5.9	500					0.00031 U
Tetrachloroethene	127-18-4	1.3	2	1.3	150					0.00041 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-19	SHL-19	SHL-2	SHL-2
							SHL-19-(12-24)	SHL-19-(6-12)	SHL-2-(0-6)	SHL-2-(12-24)
							02/14/2024	02/14/2024	02/21/2024	02/19/2024
Toluene	108-88-3	0.7	36	0.7	500					0.00023 <i>U</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					0.00031 <i>U</i>
trans-1,3-Dichloropropene	10061-02-6									0.0013 <i>U</i>
Trichloroethylene	79-01-6	0.47	2	0.47	200					0.00066 <i>U</i>
Trichlorofluoromethane	75-69-4									0.00029 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	13					0.00037 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	500					0.00051 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-2	SHL-20	SHL-20	SHL-20
						Sample ID	SHL-2-(6-12)	SHL-20-(0-6)	SHL-20-(12-24)	SHL-20-(6-12)
						Sample Date	02/21/2024	02/13/2024	02/13/2024	02/13/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.58 <i>UJ</i>	0.47 <i>UJ</i>	0.56 <i>UJ</i>	0.5 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.013 <i>U</i>			
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0064 <i>U</i>			
Dichlorprop	120-36-5						0.0099 <i>U</i>			
Picloram	1918-02-1						0.0086 <i>U</i>			
Silvex	93-72-1	3.8		3.8	500		0.0071 <i>U</i>			
Metals (mg/kg)										
Aluminum	7429-90-5		10000				10100 <i>J</i>	7720	6390	11300
Antimony	7440-36-0		12				1.5 <i>J</i>	0.4 <i>UJ</i>	395 <i>J</i>	1.3 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		10.2	3.3	65	7
Barium	7440-39-3	350	433	820	400		121 <i>J</i>	47.3	83.9	116
Beryllium	7440-41-7	7.2	10	47	590		0.7	0.29	0.4	0.83
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.67	0.087 <i>J</i>	0.64	0.12 <i>J</i>
Calcium	7440-70-2		10000				2550 <i>J</i>	61600	30900	16200
Chromium ^g	7440-47-3	1	1	19	400		12.9	11.8	227	13.9
Cobalt	7440-48-4		20				8	5.9	26.8	8.8
Copper	7440-50-8	50	50	1720	270		24.2 <i>J</i>	18.3	237	20.6
Iron	7439-89-6						16800 <i>J</i>	15200	15100	19000
Lead	7439-92-1	63	63	450	1000		133	10.3 <i>J</i>	3030 <i>J</i>	29.4 <i>J</i>
Magnesium	7439-95-4						2170 <i>J</i>	16900	8830	3140
Manganese	7439-96-5	1600	1600	2000	10000		372 <i>J</i>	494	510	263
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.058	0.0049 <i>UJ</i>	0.03 <i>J</i>	0.016 <i>J</i>
Nickel	7440-02-0	30	30	130	310		19.3	20.6	53.8	21.6
Potassium	7440-09-7						1300 <i>J</i>	1080 <i>J</i>	1100 <i>J</i>	1460 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	1500		0.88 <i>J</i>	0.4 <i>U</i>	3.2 <i>J</i>	0.44 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.25 <i>U</i>	0.2 <i>U</i>	1.2	0.22 <i>U</i>
Sodium	7440-23-5						81.3 <i>J</i>	151	312	165
Thallium	7440-28-0		5				0.38 <i>U</i>	0.3 <i>U</i>	0.35 <i>U</i>	0.33 <i>U</i>
Vanadium	7440-62-2		39				21.9 <i>J</i>	51.3	19.7	25
Zinc	7440-66-6	109	109	2480	10000		70.7 <i>J</i>	55.5 <i>J</i>	266 <i>J</i>	43.8 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.0056 <i>U</i>			
Barium	7440-39-3						0.64 <i>J</i>			
Cadmium	7440-43-9						0.0039 <i>J</i>			
Chromium	7440-47-3						0.01 <i>U</i>			
Lead	7439-92-1						0.036 <i>J</i>			
Mercury	7439-97-6						0.000043 <i>U</i>			
Selenium	7782-49-2						0.0087 <i>U</i>			
Silver	7440-22-4						0.0017 <i>U</i>			

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-2	SHL-20	SHL-20	SHL-20
						Sample ID	SHL-2-(6-12)	SHL-20-(0-6)	SHL-20-(12-24)	SHL-20-(6-12)
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00015	U		
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00038	U		
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000038	U		
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00094	U		
3:3 perfluorohexanoic acid	356-02-5						0.00019	U		
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00015	U		
4:2 fluorotelomer sulfonate	757124-72-4						0.00015	U		
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00015	U		
7:3 FTCA	812-70-4						0.00094	U		
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00015	U		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00015	U		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00015	U		
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00038	U		
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000038	U		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000038	U		
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000038	U		
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000075	U		
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000075	U		
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000075	U		
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000075	U		
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000038	U		
Perfluorobutanoic acid	375-22-4						0.00015	U		
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000038	U		
Perfluorodecanoic acid	335-76-2						0.000038	U		
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000038	U		
Perfluorododecanoic Acid	307-55-1						0.000038	U		
Perfluoroheptanesulfonic acid	375-92-8						0.000038	U		
Perfluoroheptanoic acid	375-85-9						0.000048	J		
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000038	U		
Perfluorohexanoic acid	307-24-4						0.000053	J		
Perfluorononanesulfonic acid	68259-12-1						0.000038	U		
Perfluorononanoic acid	375-95-1						0.000038	U		
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000038	U		
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.00019			
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.00014	J		
Perfluoropentanesulfonic acid	2706-91-4						0.000038	U		
Perfluoropentanoic Acid	2706-90-3						0.000075	U		
Perfluorotetradecanoic Acid	376-06-7						0.000038	U		
Perfluorotridecanoic Acid	72629-94-8						0.000038	U		
Perfluoroundecanoic Acid	2058-94-8						0.000038	U		

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-2	SHL-20	SHL-20	SHL-20
							SHL-2-(6-12) 02/21/2024	SHL-20-(0-6) 02/13/2024	SHL-20-(12-24) 02/13/2024	SHL-20-(6-12) 02/13/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.0077 <i>U</i>			
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.024 <i>J</i>			
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.12			
Aldrin	309-00-2	0.005	0.14	0.19	0.68		0.0098 <i>U</i>			
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.0072 <i>U</i>			
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.0072 <i>U</i>			
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.02 <i>U</i>			
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.0074 <i>U</i>			
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.014 <i>J</i>			
Endosulfan I	959-98-8	2.4		102	200		0.0076 <i>U</i>			
Endosulfan II	33213-65-9	2.4		102	200		0.0072 <i>U</i>			
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.0074 <i>U</i>			
Endrin	72-20-8	0.014	0.014	0.06	89		0.0079 <i>U</i>			
Endrin aldehyde	7421-93-4						0.016 <i>J</i>			
Endrin ketone	53494-70-5						0.0098 <i>U</i>			
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.0073 <i>U</i>			
gamma-Chlordane	5566-34-7			14			0.013 <i>U</i>			
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.0086 <i>U</i>			
Heptachlor epoxide	1024-57-3			0.02			0.01 <i>U</i>			
Methoxychlor	72-43-5		1.2	900			0.0081 <i>U</i>			
Toxaphene	8001-35-2						0.23 <i>U</i>			
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM						49 <i>U</i>			
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.043 <i>U</i>			
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.043 <i>U</i>			
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.043 <i>U</i>			
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.043 <i>U</i>			
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.043 <i>U</i>			
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.1 <i>U</i>			
Aroclor 1260	11096-82-5	0.1	1	3.2	1		1.8			
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.41 <i>U</i>	7 <i>U</i>	0.04 <i>U</i>	0.36 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.3 <i>U</i>	5.1 <i>U</i>	0.029 <i>U</i>	0.26 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.27 <i>U</i>	4.5 <i>U</i>	0.065 <i>J</i>	0.23 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.51 <i>U</i>	8.6 <i>U</i>	0.049 <i>U</i>	0.44 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.7 <i>J</i>	3.5 <i>U</i>	0.41	0.18 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.71 <i>J</i>	5.1 <i>U</i>	0.32	0.26 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.84 <i>J</i>	5.5 <i>U</i>	0.55	0.28 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.28 <i>J</i>	3.7 <i>U</i>	0.13 <i>J</i>	0.19 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.51 <i>J</i>	4.5 <i>U</i>	0.22	0.23 <i>U</i>
Chrysene	218-01-9	1		1	56		0.74 <i>J</i>	7.8 <i>U</i>	0.47	0.4 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.36 <i>U</i>	6.2 <i>U</i>	0.035 <i>U</i>	0.32 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		2 <i>J</i>	3.7 <i>U</i>	0.63	0.25 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.24 <i>U</i>	4.1 <i>U</i>	0.024 <i>U</i>	0.21 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.29 <i>J</i>	4.3 <i>U</i>	0.12 <i>J</i>	0.22 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.27 <i>U</i>	4.5 <i>U</i>	0.028 <i>J</i>	0.23 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		2.1	5.1 <i>U</i>	0.08 <i>J</i>	0.26 <i>U</i>
Pyrene	129-00-0	100		1000	500		1.5 <i>J</i>	4.1 <i>U</i>	0.67	0.21 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.3 <i>U</i>	5.1 <i>U</i>	0.029 <i>U</i>	0.26 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-2	SHL-20	SHL-20	SHL-20
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-2-(6-12) 02/21/2024	SHL-20-(0-6) 02/13/2024	SHL-20-(12-24) 02/13/2024	SHL-20-(6-12) 02/13/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		0.66 <i>U</i>			
2-Chloronaphthalene	91-58-7						0.34 <i>U</i>	5.8 <i>U</i>	0.033 <i>U</i>	0.29 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.37 <i>U</i>	6.4 <i>U</i>	0.037 <i>U</i>	0.33 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.24 <i>U</i>	4.1 <i>U</i>	0.024 <i>U</i>	0.21 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.3 <i>U</i>	5.1 <i>U</i>	0.029 <i>U</i>	0.26 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.58 <i>U</i>	9.9 <i>U</i>	0.057 <i>U</i>	0.51 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.41 <i>U</i>	7 <i>U</i>	0.04 <i>U</i>	0.36 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.22 <i>U</i>	3.7 <i>U</i>	0.021 <i>U</i>	0.19 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.5 <i>U</i>	8.4 <i>U</i>	0.048 <i>U</i>	0.43 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			9.5 <i>U</i>	160 <i>U</i>	0.92 <i>U</i>	8.3 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.42 <i>U</i>	7.2 <i>U</i>	0.041 <i>U</i>	0.37 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.56 <i>U</i>	9.5 <i>U</i>	0.054 <i>U</i>	0.48 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.41 <i>U</i>	7 <i>U</i>	0.04 <i>U</i>	0.36 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.24 <i>U</i>	4.1 <i>U</i>	0.024 <i>U</i>	0.21 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.57 <i>U</i>	9.7 <i>U</i>	0.055 <i>U</i>	0.49 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						2.4 <i>U</i>	41 <i>U</i>	0.24 <i>U</i>	2.1 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.29 <i>U</i>	4.9 <i>U</i>	0.028 <i>U</i>	0.25 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.51 <i>U</i>	8.6 <i>U</i>	0.049 <i>U</i>	0.44 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.51 <i>U</i>	8.6 <i>U</i>	0.049 <i>U</i>	0.44 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.25 <i>U</i>	4.3 <i>U</i>	0.025 <i>U</i>	0.22 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.24 <i>U</i>	4.1 <i>U</i>	0.024 <i>U</i>	0.21 <i>U</i>
4-Nitroaniline	100-01-6						1.1 <i>U</i>	18 <i>U</i>	0.1 <i>U</i>	0.94 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			1.4 <i>U</i>	24 <i>U</i>	0.14 <i>U</i>	1.3 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2.1 <i>U</i>	35 <i>U</i>	0.2 <i>U</i>	1.8 <i>U</i>
Acetophenone	98-86-2						0.28 <i>U</i>	4.7 <i>U</i>	0.027 <i>U</i>	0.24 <i>U</i>
Atrazine	1912-24-9						0.71 <i>U</i>	12 <i>U</i>	0.069 <i>U</i>	0.62 <i>U</i>
Benzaldehyde	100-52-7						1.6 <i>U</i>	28 <i>U</i>	0.16 <i>U</i>	1.4 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.27 <i>U</i>	4.5 <i>U</i>	0.026 <i>U</i>	0.23 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.43 <i>U</i>	7.4 <i>U</i>	0.042 <i>U</i>	0.38 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.7 <i>U</i>	12 <i>U</i>	0.068 <i>U</i>	0.61 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.34 <i>U</i>	5.8 <i>U</i>	0.033 <i>U</i>	0.29 <i>U</i>
Carbazole	86-74-8						0.24 <i>U</i>	4.1 <i>U</i>	0.025 <i>J</i>	0.21 <i>U</i>
Caprolactam	105-60-2						0.62 <i>U</i>	10 <i>U</i>	0.06 <i>U</i>	0.54 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.35 <i>U</i>	6 <i>U</i>	0.034 <i>U</i>	0.31 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.24 <i>U</i>	4.1 <i>U</i>	0.024 <i>U</i>	0.21 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.24 <i>U</i>	4.1 <i>U</i>	0.024 <i>U</i>	0.21 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.27 <i>U</i>	4.5 <i>U</i>	0.026 <i>U</i>	0.23 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.24 <i>U</i>	4.1 <i>U</i>	0.024 <i>U</i>	0.21 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.28 <i>U</i>	4.7 <i>U</i>	0.027 <i>U</i>	0.24 <i>U</i>
Hexachlorobutadiene	87-68-3						0.3 <i>U</i>	5.1 <i>U</i>	0.029 <i>U</i>	0.26 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.28 <i>U</i>	4.7 <i>U</i>	0.027 <i>U</i>	0.24 <i>U</i>
Hexachloroethane	67-72-1						0.27 <i>U</i>	4.5 <i>U</i>	0.026 <i>U</i>	0.23 <i>U</i>
Isophorone	78-59-1			4.4			0.43 <i>U</i>	7.4 <i>U</i>	0.042 <i>U</i>	0.38 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.35 <i>U</i>	6 <i>U</i>	0.034 <i>U</i>	0.31 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				1.7 <i>U</i>	28 <i>U</i>	0.16 <i>U</i>	1.5 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.23 <i>U</i>	3.9 <i>U</i>	0.022 <i>U</i>	0.2 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0065 <i>U</i>	35 <i>U</i>	0.2 <i>U</i>	1.8 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.31 <i>U</i>	5.3 <i>U</i>	0.031 <i>U</i>	0.27 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-2	SHL-20	SHL-20	SHL-20
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Sample ID	SHL-2-(6-12)	SHL-20-(0-6)	SHL-20-(12-24)	SHL-20-(6-12)
Sample Date									
02/21/202402/13/202402/13/202402/13/2024									
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	240				
1,1-Dichloroethene	75-35-4	0.33		0.33	500				
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500				
1,1,1,2-Tetrachloroethane	630-20-6								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6					
1,1,2-Trichloroethane	79-00-5								
1,1,2,2-Tetrachloroethane	79-34-5			0.6					
1,2-Dibromo-3-chloropropane	96-12-8								
1,2-Dibromoethane	106-93-4								
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500				
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30				
1,2-Dichloropropane	78-87-5		700						
1,2,4-Trichlorobenzene	120-82-1		20	3.4					
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190				
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280				
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190				
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130				
2-Butanone	78-93-3	0.12	100	0.3	500				
2-Hexanone	591-78-6								
4-Methyl-2-pentanone	108-10-1			1					
Acetone	67-64-1	0.05	2.2	0.05	500				
Benzene	71-43-2	0.06	70	0.06	44				
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon disulfide	75-15-0			2.7					
Carbon Tetrachloride	56-23-5	0.76		0.76	22				
Chlorobenzene	108-90-7	1.1	40	1.1	500				
Chloroethane	75-00-3			1.9					
Chloroform	67-66-3	0.37	12	0.37	350				
Chloromethane	74-87-3								
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500				
cis-1,3-Dichloropropene	10061-01-5								
Cyclohexane	110-82-7								
Dibromochloromethane	124-48-1		10						
Dichlorodifluoromethane	75-71-8								
Ethylbenzene	100-41-4	1		1	390				
Isopropylbenzene	98-82-8			2.3					
m,p-Xylene	179601-23-1								
Methyl Acetate	79-20-9								
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500				
Methylcyclohexane	108-87-2								
Methylene Chloride	75-09-2	0.05	12	0.05	500				
n-Butylbenzene	104-51-8	12		12	500				
n-Propylbenzene	103-65-1	3.9		3.9	500				
o-Xylene	95-47-6								
sec-Butylbenzene	135-98-8	11		11	500				
Styrene	100-42-5		300						
tert-Butylbenzene	98-06-6	5.9		5.9	500				
Tetrachloroethene	127-18-4	1.3	2	1.3	150				

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-2	SHL-20	SHL-20	SHL-20
							SHL-2-(6-12) 02/21/2024	SHL-20-(0-6) 02/13/2024	SHL-20-(12-24) 02/13/2024	SHL-20-(6-12) 02/13/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-21	SHL-21	SHL-21	SHL-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-21-(0-6)	SHL-21-(12-24)	SHL-21-(6-12)	FDUP4_021324
						Sample Date	02/13/2024	02/13/2024	02/13/2024	02/13/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.5 <i>UJ</i>	0.55 <i>UJ</i>	0.51 <i>UJ</i>	0.46 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						
Dichlorprop	120-36-5									
Picloram	1918-02-1									
Silvex	93-72-1	3.8		3.8	500					
Metals (mg/kg)										
Aluminum	7429-90-5		10000				11000	14000	11900	10700
Antimony	7440-36-0		12				2 <i>J</i>	2.6 <i>J</i>	2.2 <i>J</i>	0.96 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		9.1	15	10.1	7
Barium	7440-39-3	350	433	820	400		113	149	120	86.9
Beryllium	7440-41-7	7.2	10	47	590		0.57	0.97	0.64	0.47
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.61	1.2	0.64	0.3
Calcium	7440-70-2		10000				36600	22700	19000	46000
Chromium ^g	7440-47-3	1	1	19	400		13.5	16	14.8	14.4
Cobalt	7440-48-4		20				8.6	10.1	9.9	8.4
Copper	7440-50-8	50	50	1720	270		26.5	51.5	32.7	26.3
Iron	7439-89-6						22500	23700	22500	19800
Lead	7439-92-1	63	63	450	1000		118 <i>J</i>	274 <i>J</i>	177 <i>J</i>	84.7 <i>J</i>
Magnesium	7439-95-4						7650	6370	5810	7270
Manganese	7439-96-5	1600	1600	2000	10000		486	792	599	494
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.05 <i>J</i>	0.11 <i>J</i>	0.059 <i>J</i>	0.043
Nickel	7440-02-0	30	30	130	310		22.8	25.9	24.4	21.6
Potassium	7440-09-7						1480 <i>J</i>	1620 <i>J</i>	1620 <i>J</i>	1550 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	1500		0.44 <i>U</i>	0.61 <i>J</i>	0.57 <i>J</i>	0.42 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		1.1	0.72 <i>J</i>	1	0.21 <i>U</i>
Sodium	7440-23-5						116 <i>J</i>	148 <i>J</i>	115 <i>J</i>	95.8 <i>J</i>
Thallium	7440-28-0		5				0.33 <i>U</i>	0.36 <i>U</i>	0.32 <i>U</i>	0.31 <i>U</i>
Vanadium	7440-62-2		39				31.1	24.9	22.7	24
Zinc	7440-66-6	109	109	2480	10000		110 <i>J</i>	148 <i>J</i>	125 <i>J</i>	104 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-21	SHL-21	SHL-21	SHL-22
							SHL-21-(0-6) 02/13/2024	SHL-21-(12-24) 02/13/2024	SHL-21-(6-12) 02/13/2024	FDUP4_021324 02/13/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									
3:3 perfluorohexanoic acid	356-02-5									
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									
4:2 fluorotelomer sulfonate	757124-72-4									
6:2 Fluorotelomer sulfonic acid	27619-97-2									
7:3 FTCA	812-70-4									
8:2 Fluorotelomer sulfonic acid	39108-34-4									
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									
N-methylperfluoro-1-octanesulfonamide	31506-32-8									
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									
Perfluoro-3-methoxypropanoic acid	377-73-1									
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									
Perfluoro(4-methoxybutanoic) acid	863090-89-5									
Perfluorobutanesulfonic acid (PFBS)	375-73-5									
Perfluorobutanoic acid	375-22-4									
Perfluorodecanesulfonic acid (PFDS)	335-77-3									
Perfluorodecanoic acid	335-76-2									
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									
Perfluorododecanoic Acid	307-55-1									
Perfluoroheptanesulfonic acid	375-92-8									
Perfluoroheptanoic acid	375-85-9									
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									
Perfluorohexanoic acid	307-24-4									
Perfluorononanesulfonic acid	68259-12-1									
Perfluorononanoic acid	375-95-1									
Perfluorooctanesulfonamide (PFOSA)	754-91-6									
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					
Perfluoropentanesulfonic acid	2706-91-4									
Perfluoropentanoic Acid	2706-90-3									
Perfluorotetradecanoic Acid	376-06-7									
Perfluorotridecanoic Acid	72629-94-8									
Perfluoroundecanoic Acid	2058-94-8									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-21	SHL-21	SHL-21	SHL-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-21-(0-6)	SHL-21-(12-24)	SHL-21-(6-12)	FDUP4_021324
						Sample Date	02/13/2024	02/13/2024	02/13/2024	02/13/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					
Aldrin	309-00-2	0.005		0.19	0.68					
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					
beta-BHC	319-85-7	0.036	0.6	0.09	3					
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					
delta-BHC	319-86-8	0.04	0.04	0.25	500					
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					
Endosulfan I	959-98-8	2.4		102	200					
Endosulfan II	33213-65-9	2.4		102	200					
Endosulfan sulfate	1031-07-8	2.4		1000	200					
Endrin	72-20-8	0.014	0.014	0.06	89					
Endrin aldehyde	7421-93-4									
Endrin ketone	53494-70-5									
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					
gamma-Chlordane	5566-34-7			14						
Heptachlor	76-44-8	0.042	0.14	0.38	15					
Heptachlor epoxide	1024-57-3			0.02						
Methoxychlor	72-43-5		1.2	900						
Toxaphene	8001-35-2									
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					
Aroclor 1221	11104-28-2	0.1	1	3.2	1					
Aroclor 1232	11141-16-5	0.1	1	3.2	1					
Aroclor 1242	53469-21-9	0.1	1	3.2	1					
Aroclor 1248	12672-29-6	0.1	1	3.2	1					
Aroclor 1254	11097-69-1	0.1	1	3.2	1					
Aroclor 1260	11096-82-5	0.1	1	3.2	1					
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			7.2 U	0.38 U	0.36 U	0.72 U
Acenaphthene	83-32-9	20	20	98	500		5.3 U	0.28 U	0.27 U	0.53 U
Acenaphthylene	208-96-8	100		107	500		4.7 U	0.26 J	0.25 J	0.46 U
Anthracene	120-12-7	100		1000	500		8.9 U	0.47 U	0.45 U	0.88 U
Benzo[a]anthracene	56-55-3	1		1	5.6		3.6 U	0.61 J	0.56 J	0.78 J
Benzo[a]pyrene	50-32-8	1	2.6	22	1		5.3 U	0.62 J	0.57 J	0.61 J
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		5.8 U	0.78 J	0.66 J	1.3 J
Benzo[g,h,i]perylene	191-24-2	100		1000	500		3.8 U	0.34 J	0.38 J	0.51 J
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		4.7 U	0.44 J	0.37 J	0.46 U
Chrysene	218-01-9	1		1	56		8.1 U	0.56 J	0.53 J	0.81 J
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		6.4 U	0.34 U	0.32 U	0.63 U
Fluoranthene	206-44-0	100		1000	500		3.8 U	0.95 J	0.73 J	1.2 J
Fluorene	86-73-7	30	30	386	500		4.3 U	0.23 U	0.21 U	0.42 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		4.5 U	0.31 J	0.32 J	0.44 U
Naphthalene	91-20-3	12		12	500		4.7 U	0.25 U	0.23 U	0.46 U
Phenanthrene	85-01-8	100		1000	500		5.3 U	0.45 J	0.27 J	0.53 U
Pyrene	129-00-0	100		1000	500		4.3 U	0.87 J	0.77 J	1 J
1,1'-Biphenyl	92-52-4		60				5.3 U	0.28 U	0.27 U	0.53 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-21	SHL-21	SHL-21	SHL-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SHL-21-(0-6) 02/13/2024	SHL-21-(12-24) 02/13/2024	SHL-21-(6-12) 02/13/2024	FDUP4_021324 02/13/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					
2-Chloronaphthalene	91-58-7						6 U	0.32 U	0.3 U	0.59 U
2-Chlorophenol	95-57-8		0.8				6.6 U	0.35 U	0.33 U	0.65 U
2-Methylphenol	95-48-7	0.33		0.33	500		4.3 U	0.23 U	0.21 U	0.42 U
2-Nitroaniline	88-74-4			0.4			5.3 U	0.28 U	0.27 U	0.53 U
2-Nitrophenol	88-75-5		7	0.3			10 U	0.54 U	0.51 U	1 U
2,2'-oxybis(1-Chloropropane)	108-60-1						7.2 U	0.38 U	0.36 U	0.72 U
2,4-Dichlorophenol	120-83-2		20	0.4			3.8 U	0.2 U	0.19 U	0.38 U
2,4-Dimethylphenol	105-67-9						8.7 U	0.46 U	0.44 U	0.86 U
2,4-Dinitrophenol	51-28-5		20	0.2			170 U	8.8 U	8.4 U	17 U
2,4-Dinitrotoluene	121-14-2						7.5 U	0.4 U	0.37 U	0.74 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			9.8 U	0.52 U	0.49 U	0.97 U
2,4,6-Trichlorophenol	88-06-2		10				7.2 U	0.38 U	0.36 U	0.72 U
2,6-Dinitrotoluene	606-20-2			1			4.3 U	0.23 U	0.21 U	0.42 U
3-Nitroaniline	99-09-2			0.5			10 U	0.53 U	0.5 U	0.99 U
3,3'-Dichlorobenzidine	91-94-1						43 U	2.3 U	2.1 U	4.2 U
4-Bromophenyl-phenylether	101-55-3						5.1 U	0.27 U	0.26 U	0.51 U
4-Chloro-3-methylphenol	59-50-7						8.9 U	0.47 U	0.45 U	0.88 U
4-Chloroaniline	106-47-8			0.22			8.9 U	0.47 U	0.45 U	0.88 U
4-Chlorophenyl-phenyl ether	7005-72-3						4.5 U	0.24 U	0.22 U	0.44 U
4-Methylphenol	106-44-5	0.33		0.33	500		4.3 U	0.23 U	0.21 U	0.42 U
4-Nitroaniline	100-01-6						19 U	1 U	0.95 U	1.9 U
4-Nitrophenol	100-02-7		7	0.1			25 U	1.3 U	1.3 U	2.5 U
4,6-Dinitro-O-cresol	534-52-1						36 U	1.9 U	1.8 U	3.6 U
Acetophenone	98-86-2						4.9 U	0.26 U	0.25 U	0.48 U
Atrazine	1912-24-9						13 U	0.67 U	0.63 U	1.2 U
Benzaldehyde	100-52-7						29 U	1.5 U	1.4 U	2.8 U
Bis(2-chloroethyl)ether	111-44-4						4.7 U	0.25 U	0.23 U	0.46 U
bis(2-Chloroethoxy)methane	111-91-1						7.7 U	0.41 U	0.38 U	0.76 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			12 U	0.65 U	0.62 U	1.2 U
Butyl benzyl phthalate	85-68-7			122			6 U	0.32 U	0.3 U	0.59 U
Carbazole	86-74-8						4.3 U	0.23 U	0.21 U	0.42 U
Caprolactam	105-60-2						11 U	0.58 U	0.54 U	1.1 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			6.2 U	0.33 U	0.31 U	0.61 U
Di-n-octylphthalate	117-84-0			120			4.3 U	0.23 U	0.21 U	0.42 U
Dibenzofuran	132-64-9	7		6.2	350		4.3 U	0.23 U	0.21 U	0.42 U
Diethyl phthalate	84-66-2		100	7.1			4.7 U	0.25 U	0.23 U	0.46 U
Dimethyl phthalate	131-11-3		200	27			4.3 U	0.23 U	0.21 U	0.42 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		4.9 U	0.26 U	0.25 U	0.48 U
Hexachlorobutadiene	87-68-3						5.3 U	0.28 U	0.27 U	0.53 U
Hexachlorocyclopentadiene	77-47-4		10				4.9 U	0.26 U	0.25 U	0.48 U
Hexachloroethane	67-72-1						4.7 U	0.25 U	0.23 U	0.46 U
Isophorone	78-59-1			4.4			7.7 U	0.41 U	0.38 U	0.76 U
N-Nitrosodi-n-propylamine	621-64-7						6.2 U	0.33 U	0.31 U	0.61 U
N-Nitrosodiphenylamine	86-30-6		20				29 U	1.6 U	1.5 U	2.9 U
Nitrobenzene	98-95-3		40	0.17	69		4 U	0.21 U	0.2 U	0.4 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		36 U	1.9 U	1.8 U	3.6 U
Phenol	108-95-2	0.33	30	0.33	500		5.5 U	0.29 U	0.28 U	0.55 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-21	SHL-21	SHL-21	SHL-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-21-(0-6)	SHL-21-(12-24)	SHL-21-(6-12)	FDUP4_021324
						Sample Date	02/13/2024	02/13/2024	02/13/2024	02/13/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					
1,1-Dichloroethene	75-35-4	0.33		0.33	500					
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					
1,1,1,2-Tetrachloroethane	630-20-6									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						
1,1,2-Trichloroethane	79-00-5									
1,1,2,2-Tetrachloroethane	79-34-5			0.6						
1,2-Dibromo-3-chloropropane	96-12-8									
1,2-Dibromoethane	106-93-4									
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					
1,2-Dichloropropane	78-87-5		700							
1,2,4-Trichlorobenzene	120-82-1		20	3.4						
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					
2-Butanone	78-93-3	0.12	100	0.3	500					
2-Hexanone	591-78-6									
4-Methyl-2-pentanone	108-10-1			1						
Acetone	67-64-1	0.05	2.2	0.05	500					
Benzene	71-43-2	0.06	70	0.06	44					
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon disulfide	75-15-0			2.7						
Carbon Tetrachloride	56-23-5	0.76		0.76	22					
Chlorobenzene	108-90-7	1.1	40	1.1	500					
Chloroethane	75-00-3			1.9						
Chloroform	67-66-3	0.37	12	0.37	350					
Chloromethane	74-87-3									
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1		10							
Dichlorodifluoromethane	75-71-8									
Ethylbenzene	100-41-4	1		1	390					
Isopropylbenzene	98-82-8			2.3						
m,p-Xylene	179601-23-1									
Methyl Acetate	79-20-9									
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					
Methylcyclohexane	108-87-2									
Methylene Chloride	75-09-2	0.05	12	0.05	500					
n-Butylbenzene	104-51-8	12		12	500					
n-Propylbenzene	103-65-1	3.9		3.9	500					
o-Xylene	95-47-6									
sec-Butylbenzene	135-98-8	11		11	500					
Styrene	100-42-5		300							
tert-Butylbenzene	98-06-6	5.9		5.9	500					
Tetrachloroethene	127-18-4	1.3	2	1.3	150					

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-21	SHL-21	SHL-21	SHL-22
							SHL-21-(0-6) 02/13/2024	SHL-21-(12-24) 02/13/2024	SHL-21-(6-12) 02/13/2024	FDUP4_021324 02/13/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-22	SHL-22	SHL-22	SHL-23
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-22-(0-6)	SHL-22-(12-24)	SHL-22-(6-12)	SHL-23-(0-6)
						Sample Date	02/13/2024	02/13/2024	02/13/2024	02/13/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.48 <i>UJ</i>	0.54 <i>U</i>	0.52 <i>UJ</i>	0.48 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						
Dichlorprop	120-36-5									
Picloram	1918-02-1									
Silvex	93-72-1	3.8		3.8	500					
Metals (mg/kg)										
Aluminum	7429-90-5		10000				7150	11500	11900	8150 <i>J</i>
Antimony	7440-36-0		12				0.42 <i>UJ</i>	1.5 <i>J</i>	1.5 <i>J</i>	0.75 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		4.1	12.4	7.3	7.6 <i>J</i>
Barium	7440-39-3	350	433	820	400		42.7	191	114	70.5 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	590		0.32	0.61	0.53	0.38 <i>J</i>
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.082 <i>J</i>	0.94	0.34	0.46 <i>J</i>
Calcium	7440-70-2		10000				90200	7330	23100	25500 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		10.2	17.7	16.8	10.3 <i>J</i>
Cobalt	7440-48-4		20				6.5	8	9.6	6.1 <i>J</i>
Copper	7440-50-8	50	50	1720	270		13.6	40.9	25.7	18.7 <i>J</i>
Iron	7439-89-6						16300	18200	23400	14200
Lead	7439-92-1	63	63	450	1000		14.5 <i>J</i>	261 <i>J</i>	154 <i>J</i>	329 <i>J</i>
Magnesium	7439-95-4						6280	3490	7130	4270 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		1190	570	461	403 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.0088 <i>J</i>	0.25 <i>J</i>	0.078	0.081
Nickel	7440-02-0	30	30	130	310		20	20.1	25	16.5 <i>J</i>
Potassium	7440-09-7						1190 <i>J</i>	1210 <i>J</i>	1520 <i>J</i>	1290 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	1500		0.42 <i>U</i>	1.1 <i>J</i>	0.51 <i>J</i>	0.44 <i>UJ</i>
Silver	7440-22-4	2	2	8.3	1500		0.21 <i>U</i>	0.24 <i>J</i>	0.25 <i>J</i>	0.22 <i>J</i>
Sodium	7440-23-5						103 <i>J</i>	95.4 <i>J</i>	82.2 <i>J</i>	124 <i>J</i>
Thallium	7440-28-0		5				0.31 <i>U</i>	0.36 <i>U</i>	0.35 <i>U</i>	0.33 <i>UJ</i>
Vanadium	7440-62-2		39				23.7	21.8	25	21.2 <i>J</i>
Zinc	7440-66-6	109	109	2480	10000		70 <i>J</i>	249 <i>J</i>	114 <i>J</i>	64.8 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-22	SHL-22	SHL-22	SHL-23
							SHL-22-(0-6) 02/13/2024	SHL-22-(12-24) 02/13/2024	SHL-22-(6-12) 02/13/2024	SHL-23-(0-6) 02/13/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									
3:3 perfluorohexanoic acid	356-02-5									
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									
4:2 fluorotelomer sulfonate	757124-72-4									
6:2 Fluorotelomer sulfonic acid	27619-97-2									
7:3 FTCA	812-70-4									
8:2 Fluorotelomer sulfonic acid	39108-34-4									
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									
N-methylperfluoro-1-octanesulfonamide	31506-32-8									
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									
Perfluoro-3-methoxypropanoic acid	377-73-1									
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									
Perfluoro(4-methoxybutanoic) acid	863090-89-5									
Perfluorobutanesulfonic acid (PFBS)	375-73-5									
Perfluorobutanoic acid	375-22-4									
Perfluorodecanesulfonic acid (PFDS)	335-77-3									
Perfluorodecanoic acid	335-76-2									
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									
Perfluorododecanoic Acid	307-55-1									
Perfluoroheptanesulfonic acid	375-92-8									
Perfluoroheptanoic acid	375-85-9									
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									
Perfluorohexanoic acid	307-24-4									
Perfluorononanesulfonic acid	68259-12-1									
Perfluorononanoic acid	375-95-1									
Perfluorooctanesulfonamide (PFOSA)	754-91-6									
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					
Perfluoropentanesulfonic acid	2706-91-4									
Perfluoropentanoic Acid	2706-90-3									
Perfluorotetradecanoic Acid	376-06-7									
Perfluorotridecanoic Acid	72629-94-8									
Perfluoroundecanoic Acid	2058-94-8									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-22	SHL-22	SHL-22	SHL-23
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-22-(0-6)	SHL-22-(12-24)	SHL-22-(6-12)	SHL-23-(0-6)
						Sample Date	02/13/2024	02/13/2024	02/13/2024	02/13/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					
Aldrin	309-00-2	0.005		0.19	0.68					
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					
beta-BHC	319-85-7	0.036	0.6	0.09	3					
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					
delta-BHC	319-86-8	0.04	0.04	0.25	500					
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					
Endosulfan I	959-98-8	2.4		102	200					
Endosulfan II	33213-65-9	2.4		102	200					
Endosulfan sulfate	1031-07-8	2.4		1000	200					
Endrin	72-20-8	0.014	0.014	0.06	89					
Endrin aldehyde	7421-93-4									
Endrin ketone	53494-70-5									
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					
gamma-Chlordane	5566-34-7			14						
Heptachlor	76-44-8	0.042	0.14	0.38	15					
Heptachlor epoxide	1024-57-3			0.02						
Methoxychlor	72-43-5		1.2	900						
Toxaphene	8001-35-2									
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					
Aroclor 1221	11104-28-2	0.1	1	3.2	1					
Aroclor 1232	11141-16-5	0.1	1	3.2	1					
Aroclor 1242	53469-21-9	0.1	1	3.2	1					
Aroclor 1248	12672-29-6	0.1	1	3.2	1					
Aroclor 1254	11097-69-1	0.1	1	3.2	1					
Aroclor 1260	11096-82-5	0.1	1	3.2	1					
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			7 U	0.41 U	7.5 U	3.5 U
Acenaphthene	83-32-9	20	20	98	500		5.1 U	0.3 U	5.5 U	2.6 U
Acenaphthylene	208-96-8	100		107	500		4.5 U	0.26 U	4.9 U	2.3 U
Anthracene	120-12-7	100		1000	500		8.6 U	0.5 U	9.3 U	4.3 U
Benzo[a]anthracene	56-55-3	1		1	5.6		3.5 U	0.23 J	3.8 U	1.8 U
Benzo[a]pyrene	50-32-8	1	2.6	22	1		5.1 U	0.3 U	5.5 U	2.6 U
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		5.5 U	0.36 J	6 U	2.8 U
Benzo[g,h,i]perylene	191-24-2	100		1000	500		3.7 U	0.22 U	4 U	1.9 U
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		4.5 U	0.26 U	4.9 U	2.3 U
Chrysene	218-01-9	1		1	56		7.8 U	0.46 U	8.4 U	3.9 U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		6.2 U	0.36 U	6.7 U	3.1 U
Fluoranthene	206-44-0	100		1000	500		3.7 U	0.42 J	4.2 J	1.9 U
Fluorene	86-73-7	30	30	386	500		4.1 U	0.24 U	4.4 U	2.1 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		4.3 U	0.25 U	4.7 U	2.2 U
Naphthalene	91-20-3	12		12	500		4.5 U	0.26 U	4.9 U	2.3 U
Phenanthrene	85-01-8	100		1000	500		5.1 U	0.3 U	5.5 U	2.6 U
Pyrene	129-00-0	100		1000	500		4.1 U	0.38 J	4.4 U	2.1 U
1,1'-Biphenyl	92-52-4		60				5.1 U	0.3 U	5.5 U	2.6 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-22	SHL-22	SHL-22	SHL-23
							SHL-22-(0-6) 02/13/2024	SHL-22-(12-24) 02/13/2024	SHL-22-(6-12) 02/13/2024	SHL-23-(0-6) 02/13/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					
2-Chloronaphthalene	91-58-7						5.7 <i>U</i>	0.34 <i>U</i>	6.2 <i>U</i>	2.9 <i>U</i>
2-Chlorophenol	95-57-8		0.8				6.4 <i>U</i>	0.37 <i>U</i>	6.9 <i>U</i>	3.2 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		4.1 <i>U</i>	0.24 <i>U</i>	4.4 <i>U</i>	2.1 <i>U</i>
2-Nitroaniline	88-74-4			0.4			5.1 <i>U</i>	0.3 <i>U</i>	5.5 <i>U</i>	2.6 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			9.8 <i>U</i>	0.58 <i>U</i>	11 <i>U</i>	5 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						7 <i>U</i>	0.41 <i>U</i>	7.5 <i>U</i>	3.5 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			3.7 <i>U</i>	0.22 <i>U</i>	4 <i>U</i>	1.9 <i>U</i>
2,4-Dimethylphenol	105-67-9						8.4 <i>U</i>	0.49 <i>U</i>	9.1 <i>U</i>	4.2 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			160 <i>U</i>	9.4 <i>U</i>	170 <i>U</i>	81 <i>U</i>
2,4-Dinitrotoluene	121-14-2						7.2 <i>U</i>	0.42 <i>U</i>	7.8 <i>U</i>	3.6 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			9.4 <i>U</i>	0.55 <i>U</i>	10 <i>U</i>	4.7 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				7 <i>U</i>	0.41 <i>U</i>	7.5 <i>U</i>	3.5 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			4.1 <i>U</i>	0.24 <i>U</i>	4.4 <i>U</i>	2.1 <i>U</i>
3-Nitroaniline	99-09-2			0.5			9.6 <i>U</i>	0.56 <i>U</i>	10 <i>U</i>	4.9 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						41 <i>U</i>	2.4 <i>U</i>	44 <i>U</i>	21 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						4.9 <i>U</i>	0.29 <i>U</i>	5.3 <i>U</i>	2.5 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						8.6 <i>U</i>	0.5 <i>U</i>	9.3 <i>U</i>	4.3 <i>U</i>
4-Chloroaniline	106-47-8			0.22			8.6 <i>U</i>	0.5 <i>U</i>	9.3 <i>U</i>	4.3 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						4.3 <i>U</i>	0.25 <i>U</i>	4.7 <i>U</i>	2.2 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		4.1 <i>U</i>	0.24 <i>U</i>	4.4 <i>U</i>	2.1 <i>U</i>
4-Nitroaniline	100-01-6						18 <i>U</i>	1.1 <i>U</i>	20 <i>U</i>	9.2 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			24 <i>U</i>	1.4 <i>U</i>	26 <i>U</i>	12 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						35 <i>U</i>	2 <i>U</i>	38 <i>U</i>	18 <i>U</i>
Acetophenone	98-86-2						4.7 <i>U</i>	0.28 <i>U</i>	5.1 <i>U</i>	2.4 <i>U</i>
Atrazine	1912-24-9						12 <i>U</i>	0.71 <i>U</i>	13 <i>U</i>	6.1 <i>U</i>
Benzaldehyde	100-52-7						28 <i>U</i>	1.6 <i>U</i>	30 <i>U</i>	14 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						4.5 <i>U</i>	0.26 <i>U</i>	4.9 <i>U</i>	2.3 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						7.4 <i>U</i>	0.43 <i>U</i>	8 <i>U</i>	3.7 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			12 <i>U</i>	0.7 <i>U</i>	13 <i>U</i>	6 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			5.7 <i>U</i>	0.34 <i>U</i>	6.2 <i>U</i>	2.9 <i>U</i>
Carbazole	86-74-8						4.1 <i>U</i>	0.24 <i>U</i>	4.4 <i>U</i>	2.1 <i>U</i>
Caprolactam	105-60-2						10 <i>U</i>	0.61 <i>U</i>	11 <i>U</i>	5.3 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			5.9 <i>U</i>	0.35 <i>U</i>	6.4 <i>U</i>	3 <i>U</i>
Di-n-octylphthalate	117-84-0			120			4.1 <i>U</i>	0.24 <i>U</i>	4.4 <i>U</i>	2.1 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		4.1 <i>U</i>	0.24 <i>U</i>	4.4 <i>U</i>	2.1 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			4.5 <i>U</i>	0.26 <i>U</i>	4.9 <i>U</i>	2.3 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			4.1 <i>U</i>	0.24 <i>U</i>	4.4 <i>U</i>	2.1 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		4.7 <i>U</i>	0.28 <i>U</i>	5.1 <i>U</i>	2.4 <i>U</i>
Hexachlorobutadiene	87-68-3						5.1 <i>U</i>	0.3 <i>U</i>	5.5 <i>U</i>	2.6 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				4.7 <i>U</i>	0.28 <i>U</i>	5.1 <i>U</i>	2.4 <i>U</i>
Hexachloroethane	67-72-1						4.5 <i>U</i>	0.26 <i>U</i>	4.9 <i>U</i>	2.3 <i>U</i>
Isophorone	78-59-1			4.4			7.4 <i>U</i>	0.43 <i>U</i>	8 <i>U</i>	3.7 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						5.9 <i>U</i>	0.35 <i>U</i>	6.4 <i>U</i>	3 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				28 <i>U</i>	1.7 <i>U</i>	31 <i>U</i>	14 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		3.9 <i>U</i>	0.23 <i>U</i>	4.2 <i>U</i>	2 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		35 <i>U</i>	2 <i>U</i>	38 <i>U</i>	18 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		5.3 <i>U</i>	0.31 <i>U</i>	5.8 <i>U</i>	2.7 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-22	SHL-22	SHL-22	SHL-23
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-22-(0-6)	SHL-22-(12-24)	SHL-22-(6-12)	SHL-23-(0-6)
						Sample Date	02/13/2024	02/13/2024	02/13/2024	02/13/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					
1,1-Dichloroethene	75-35-4	0.33		0.33	500					
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					
1,1,1,2-Tetrachloroethane	630-20-6									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						
1,1,2-Trichloroethane	79-00-5									
1,1,2,2-Tetrachloroethane	79-34-5			0.6						
1,2-Dibromo-3-chloropropane	96-12-8									
1,2-Dibromoethane	106-93-4									
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					
1,2-Dichloropropane	78-87-5		700							
1,2,4-Trichlorobenzene	120-82-1		20	3.4						
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					
2-Butanone	78-93-3	0.12	100	0.3	500					
2-Hexanone	591-78-6									
4-Methyl-2-pentanone	108-10-1			1						
Acetone	67-64-1	0.05	2.2	0.05	500					
Benzene	71-43-2	0.06	70	0.06	44					
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon disulfide	75-15-0			2.7						
Carbon Tetrachloride	56-23-5	0.76		0.76	22					
Chlorobenzene	108-90-7	1.1	40	1.1	500					
Chloroethane	75-00-3			1.9						
Chloroform	67-66-3	0.37	12	0.37	350					
Chloromethane	74-87-3									
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1		10							
Dichlorodifluoromethane	75-71-8									
Ethylbenzene	100-41-4	1		1	390					
Isopropylbenzene	98-82-8			2.3						
m,p-Xylene	179601-23-1									
Methyl Acetate	79-20-9									
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					
Methylcyclohexane	108-87-2									
Methylene Chloride	75-09-2	0.05	12	0.05	500					
n-Butylbenzene	104-51-8	12		12	500					
n-Propylbenzene	103-65-1	3.9		3.9	500					
o-Xylene	95-47-6									
sec-Butylbenzene	135-98-8	11		11	500					
Styrene	100-42-5		300							
tert-Butylbenzene	98-06-6	5.9		5.9	500					
Tetrachloroethene	127-18-4	1.3	2	1.3	150					

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-22	SHL-22	SHL-22	SHL-23
							SHL-22-(0-6)	SHL-22-(12-24)	SHL-22-(6-12)	SHL-23-(0-6)
							02/13/2024	02/13/2024	02/13/2024	02/13/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-23	SHL-23	SHL-24	SHL-24
						Sample ID	SHL-23-(12-24)	SHL-23-(6-12)	FDUP3_021324	SHL-24-(0-6)
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.52 <i>UJ</i>	0.52 <i>UJ</i>	0.48 <i>UJ</i>	0.51 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.011 <i>U</i>			
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0058 <i>U</i>			
Dichlorprop	120-36-5						0.0091 <i>U</i>			
Picloram	1918-02-1						0.0078 <i>U</i>			
Silvex	93-72-1	3.8		3.8	500		0.0065 <i>U</i>			
Metals (mg/kg)										
Aluminum	7429-90-5		10000				11000	13000	11700 <i>J</i>	9760 <i>J</i>
Antimony	7440-36-0		12				3.2 <i>J</i>	1.8 <i>J</i>	2 <i>J</i>	0.95 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		15.5	13.1	7.9 <i>J</i>	9.5 <i>J</i>
Barium	7440-39-3	350	433	820	400		113	119	198 <i>J</i>	95.7 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	590		0.56	0.67	0.54 <i>J</i>	0.49 <i>J</i>
Cadmium	7440-43-9	2.5	4	7.5	9.3		1.6	0.99	1.1 <i>J</i>	0.23 <i>J</i>
Calcium	7440-70-2		10000				23200	17400	7000 <i>J</i>	36800 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		14.1	15.5	20.3 <i>J</i>	12.7 <i>J</i>
Cobalt	7440-48-4		20				8.7	8.9	9.5 <i>J</i>	10.8 <i>J</i>
Copper	7440-50-8	50	50	1720	270		44.1	30.5	27.8 <i>J</i>	17.5 <i>J</i>
Iron	7439-89-6						19000	22300	20400	19600
Lead	7439-92-1	63	63	450	1000		463 <i>J</i>	407 <i>J</i>	982 <i>J</i>	36.6 <i>J</i>
Magnesium	7439-95-4						4240	4850	3240 <i>J</i>	10200 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		536	599	435 <i>J</i>	558 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.11	0.11	0.25	0.032
Nickel	7440-02-0	30	30	130	310		21.1	22.1	21.6 <i>J</i>	24 <i>J</i>
Potassium	7440-09-7						1570 <i>J</i>	1620 <i>J</i>	1230 <i>J</i>	1740 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	1500		0.85 <i>J</i>	0.84 <i>J</i>	0.65 <i>J</i>	0.44 <i>UJ</i>
Silver	7440-22-4	2	2	8.3	1500		0.41 <i>J</i>	0.56 <i>J</i>	0.43 <i>J</i>	0.22 <i>UJ</i>
Sodium	7440-23-5						122 <i>J</i>	322	75.9 <i>J</i>	99.4 <i>J</i>
Thallium	7440-28-0		5				0.35 <i>U</i>	0.33 <i>U</i>	0.32 <i>UJ</i>	0.33 <i>UJ</i>
Vanadium	7440-62-2		39				22.7	23.3	17.9 <i>J</i>	28.9 <i>J</i>
Zinc	7440-66-6	109	109	2480	10000		112 <i>J</i>	106 <i>J</i>	256 <i>J</i>	71.4 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.029			
Barium	7440-39-3						0.79 <i>J</i>			
Cadmium	7440-43-9						0.031			
Chromium	7440-47-3						0.01 <i>U</i>			
Lead	7439-92-1						0.42			
Mercury	7439-97-6						0.000043 <i>U</i>			
Selenium	7782-49-2						0.0087 <i>U</i>			
Silver	7440-22-4						0.0017 <i>U</i>			

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-23	SHL-23	SHL-24	SHL-24
						Sample ID	SHL-23-(12-24)	SHL-23-(6-12)	FDUP3_021324	SHL-24-(0-6)
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00013	U		
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.0001	U		
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000026	U		
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00038	U		
3:3 perfluorohexanoic acid	356-02-5						0.00018	U		
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.000084	U		
4:2 fluorotelomer sulfonate	757124-72-4						0.00008	U		
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.0005	U		
7:3 FTCA	812-70-4						0.00032	U		
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00012	U		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.000053	U		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.000098	U		
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00011	U		
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000032	U		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000025	U		
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000025	U		
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.00005	U		
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000095	U		
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000042	U		
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.00002	U		
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000015	U		
Perfluorobutanoic acid	375-22-4						0.000041	J		
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000021	U		
Perfluorodecanoic acid	335-76-2						0.000078	U		
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000018	U		
Perfluorododecanoic Acid	307-55-1						0.000058	U		
Perfluoroheptanesulfonic acid	375-92-8						0.000029	U		
Perfluoroheptanoic acid	375-85-9						0.000023	U		
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000037	J		
Perfluorohexanoic acid	307-24-4						0.000022	U		
Perfluorononanesulfonic acid	68259-12-1						0.000029	U		
Perfluorononanoic acid	375-95-1						0.000013	U		
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000017	J		
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.0003			
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.00007	J		
Perfluoropentanesulfonic acid	2706-91-4						0.000014	U		
Perfluoropentanoic Acid	2706-90-3						0.000022	U		
Perfluorotetradecanoic Acid	376-06-7						0.000018	U		
Perfluorotridecanoic Acid	72629-94-8						0.000029	U		
Perfluoroundecanoic Acid	2058-94-8						0.000029	U		

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-23	SHL-23	SHL-24	SHL-24				
							SHL-23-(12-24) 02/13/2024	SHL-23-(6-12) 02/13/2024	FDUP3_021324 02/13/2024	SHL-24-(0-6) 02/13/2024				
Pesticides (mg/kg)														
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.018	U						
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.019	U						
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.021	U						
Aldrin	309-00-2	0.005	0.14	0.19	0.68		0.023	U						
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.017	U						
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.017	U						
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.046	U						
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.017	U						
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.022	U						
Endosulfan I	959-98-8	2.4		102	200		0.018	U						
Endosulfan II	33213-65-9	2.4		102	200		0.017	U						
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.017	U						
Endrin	72-20-8	0.014	0.014	0.06	89		0.018	U						
Endrin aldehyde	7421-93-4						0.023	U						
Endrin ketone	53494-70-5						0.023	U						
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.017	U						
gamma-Chlordane	5566-34-7			14			0.029	U						
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.02	U						
Heptachlor epoxide	1024-57-3			0.02			0.024	U						
Methoxychlor	72-43-5		1.2	900			0.019	U						
Toxaphene	8001-35-2						0.53	U						
Petroleum (mg/kg)														
Hem (Oil & Grease)	CAS_NA_HEM						1080							
Polychlorinated Biphenyls (mg/kg)														
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.046	U						
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.046	U						
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.046	U						
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.046	U						
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.046	U						
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.11	U						
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.3							
Semivolatile Organic Compounds (mg/kg)														
2-Methylnaphthalene	91-57-6			36.4			0.73	U	0.74	U	0.19	U	3.6	U
Acenaphthene	83-32-9	20	20	98	500		0.54	U	0.55	U	0.14	U	2.7	U
Acenaphthylene	208-96-8	100		107	500		0.53	J	0.48	U	0.12	U	2.3	U
Anthracene	120-12-7	100		1000	500		0.9	U	0.92	U	0.23	U	4.5	U
Benzo[a]anthracene	56-55-3	1		1	5.6		0.65	J	1.4	J	0.15	J	1.8	U
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.79	J	1.2	J	0.15	J	2.7	U
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.91	J	1.5	J	0.18	J	2.9	U
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.75	J	1	J	0.099	U	1.9	U
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.47	U	0.76	J	0.12	U	2.3	U
Chrysene	218-01-9	1		1	56		0.82	U	1.2	J	0.21	U	4	U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.65	U	0.66	U	0.16	U	3.2	U
Fluoranthene	206-44-0	100		1000	500		0.9	J	3	J	0.22	J	1.9	U
Fluorene	86-73-7	30	30	386	500		0.43	U	0.44	U	0.11	U	2.1	U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.55	J	0.79	J	0.12	U	2.2	U
Naphthalene	91-20-3	12		12	500		0.47	U	0.48	U	0.12	U	2.3	U
Phenanthrene	85-01-8	100		1000	500		0.54	U	2.5	J	0.14	U	2.7	U
Pyrene	129-00-0	100		1000	500		1	J	2.4	J	0.19	J	2.1	U
1,1'-Biphenyl	92-52-4		60				0.54	U	0.55	U	0.14	U	2.7	U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-23	SHL-23	SHL-24	SHL-24
							SHL-23-(12-24) 02/13/2024	SHL-23-(6-12) 02/13/2024	FDUP3_021324 02/13/2024	SHL-24-(0-6) 02/13/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		1.2 U			
2-Chloronaphthalene	91-58-7						0.6 U	0.61 U	0.15 U	3 U
2-Chlorophenol	95-57-8		0.8				0.67 U	0.68 U	0.17 U	3.3 U
2-Methylphenol	95-48-7	0.33		0.33	500		0.43 U	0.44 U	0.11 U	2.1 U
2-Nitroaniline	88-74-4			0.4			0.54 U	0.55 U	0.14 U	2.7 U
2-Nitrophenol	88-75-5		7	0.3			1 U	1.1 U	0.26 U	5.1 U
2,2'-oxybis(1-Chloropropane)	108-60-1						0.73 U	0.74 U	0.19 U	3.6 U
2,4-Dichlorophenol	120-83-2		20	0.4			0.39 U	0.39 U	0.099 U	1.9 U
2,4-Dimethylphenol	105-67-9						0.88 U	0.9 U	0.23 U	4.4 U
2,4-Dinitrophenol	51-28-5		20	0.2			17 U	17 U	4.3 U	83 U
2,4-Dinitrotoluene	121-14-2						0.75 U	0.77 U	0.19 U	3.7 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.99 U	1 U	0.25 U	4.9 U
2,4,6-Trichlorophenol	88-06-2		10				0.73 U	0.74 U	0.19 U	3.6 U
2,6-Dinitrotoluene	606-20-2			1			0.43 U	0.44 U	0.11 U	2.1 U
3-Nitroaniline	99-09-2			0.5			1 U	1 U	0.26 U	5 U
3,3'-Dichlorobenzidine	91-94-1						4.3 U	4.4 U	1.1 U	21 U
4-Bromophenyl-phenylether	101-55-3						0.52 U	0.53 U	0.13 U	2.5 U
4-Chloro-3-methylphenol	59-50-7						0.9 U	0.92 U	0.23 U	4.5 U
4-Chloroaniline	106-47-8			0.22			0.9 U	0.92 U	0.23 U	4.5 U
4-Chlorophenyl-phenyl ether	7005-72-3						0.45 U	0.46 U	0.12 U	2.2 U
4-Methylphenol	106-44-5	0.33		0.33	500		0.43 U	0.44 U	0.11 U	2.1 U
4-Nitroaniline	100-01-6						1.9 U	1.9 U	0.49 U	9.5 U
4-Nitrophenol	100-02-7		7	0.1			2.6 U	2.6 U	0.65 U	13 U
4,6-Dinitro-O-cresol	534-52-1						3.7 U	3.7 U	0.93 U	18 U
Acetophenone	98-86-2						0.49 U	0.5 U	0.13 U	2.4 U
Atrazine	1912-24-9						1.3 U	1.3 U	0.32 U	6.3 U
Benzaldehyde	100-52-7						2.9 U	3 U	0.74 U	14 U
Bis(2-chloroethyl)ether	111-44-4						0.47 U	0.48 U	0.12 U	2.3 U
bis(2-Chloroethoxy)methane	111-91-1						0.77 U	0.79 U	0.2 U	3.8 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			1.2 U	1.3 U	0.32 U	6.2 U
Butyl benzyl phthalate	85-68-7			122			0.6 U	0.61 U	0.15 U	3 U
Carbazole	86-74-8						0.43 U	0.44 U	0.11 U	2.1 U
Caprolactam	105-60-2						1.1 U	1.1 U	0.28 U	5.4 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.62 U	0.63 U	0.16 U	3.1 U
Di-n-octylphthalate	117-84-0			120			0.43 U	0.44 U	0.11 U	2.1 U
Dibenzofuran	132-64-9	7		6.2	350		0.43 U	0.44 U	0.11 U	2.1 U
Diethyl phthalate	84-66-2		100	7.1			0.47 U	0.48 U	0.12 U	2.3 U
Dimethyl phthalate	131-11-3		200	27			0.43 U	0.44 U	0.11 U	2.1 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.49 U	0.5 U	0.13 U	2.4 U
Hexachlorobutadiene	87-68-3						0.54 U	0.55 U	0.14 U	2.7 U
Hexachlorocyclopentadiene	77-47-4		10				0.49 U	0.5 U	0.13 U	2.4 U
Hexachloroethane	67-72-1						0.47 U	0.48 U	0.12 U	2.3 U
Isophorone	78-59-1			4.4			0.77 U	0.79 U	0.2 U	3.8 U
N-Nitrosodi-n-propylamine	621-64-7						0.62 U	0.63 U	0.16 U	3.1 U
N-Nitrosodiphenylamine	86-30-6		20				3 U	3 U	0.76 U	15 U
Nitrobenzene	98-95-3		40	0.17	69		0.41 U	0.42 U	0.1 U	2 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0059 U	3.7 U	0.93 U	18 U
Phenol	108-95-2	0.33	30	0.33	500		0.56 U	0.57 U	0.14 U	2.8 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-23	SHL-23	SHL-24	SHL-24
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SHL-23-(12-24) 02/13/2024	SHL-23-(6-12) 02/13/2024	FDUP3_021324 02/13/2024	SHL-24-(0-6) 02/13/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00058	U		
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.00058	U		
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.00034	U		
1,1,1,2-Tetrachloroethane	630-20-6						0.00047	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.0011	U		
1,1,2-Trichloroethane	79-00-5						0.00062	U		
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.00077	U		
1,2-Dibromo-3-chloropropane	96-12-8						0.0024	U		
1,2-Dibromoethane	106-93-4						0.00061	U		
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.00037	U		
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00024	U		
1,2-Dichloropropane	78-87-5		700				0.0024	U		
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00029	U		
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.00091	U		
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.00024	U		
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.00031	U		
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.00066	U		
2-Butanone	78-93-3	0.12	100	0.3	500		0.0017	U		
2-Hexanone	591-78-6						0.0024	U		
4-Methyl-2-pentanone	108-10-1			1			0.0016	U		
Acetone	67-64-1	0.05	2.2	0.05	500		0.004	U		
Benzene	71-43-2	0.06	70	0.06	44		0.00023	U		
Bromodichloromethane	75-27-4						0.00064	U		
Bromoform	75-25-2						0.0024	U		
Bromomethane	74-83-9						0.00043	U		
Carbon disulfide	75-15-0			2.7			0.0024	U		
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00046	U		
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.00063	U		
Chloroethane	75-00-3			1.9			0.0011	U		
Chloroform	67-66-3	0.37	12	0.37	350		0.00029	U		
Chloromethane	74-87-3						0.00029	U		
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.00061	U		
cis-1,3-Dichloropropene	10061-01-5						0.00068	U		
Cyclohexane	110-82-7						0.00066	U		
Dibromochloromethane	124-48-1		10				0.00061	U		
Dichlorodifluoromethane	75-71-8						0.00039	U		
Ethylbenzene	100-41-4	1		1	390		0.00033	U		
Isopropylbenzene	98-82-8			2.3			0.00072	U		
m,p-Xylene	179601-23-1						0.0008	U		
Methyl Acetate	79-20-9						0.0029	U		
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00047	U		
Methylcyclohexane	108-87-2						0.00072	U		
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.0022	U		
n-Butylbenzene	104-51-8	12		12	500		0.00041	U		
n-Propylbenzene	103-65-1	3.9		3.9	500		0.00038	U		
o-Xylene	95-47-6						0.00062	U		
sec-Butylbenzene	135-98-8	11		11	500		0.00041	U		
Styrene	100-42-5		300				0.00024	U		
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.00049	U		
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.00064	U		

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-23	SHL-23	SHL-24	SHL-24
							SHL-23-(12-24)	SHL-23-(6-12)	FDUP3_021324	SHL-24-(0-6)
							02/13/2024	02/13/2024	02/13/2024	02/13/2024
Toluene	108-88-3	0.7	36	0.7	500		0.00036	U		
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.00049	U		
trans-1,3-Dichloropropene	10061-02-6						0.0021	U		
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.001	U		
Trichlorofluoromethane	75-69-4						0.00045	U		
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00058	U		
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.0008	U		

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-24	SHL-24	SHL-25	SHL-25
						Sample ID Sample Date	SHL-24-(12-24) 02/13/2024	SHL-24-(6-12) 02/13/2024	SHL-25-(0-6) 02/12/2024	SHL-25-(12-24) 02/12/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.5 <i>UJ</i>	0.51 <i>UJ</i>	<i>R</i>	<i>R</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						
Dichlorprop	120-36-5									
Picloram	1918-02-1									
Silvex	93-72-1	3.8		3.8	500					
Metals (mg/kg)										
Aluminum	7429-90-5		10000				11800 <i>J</i>	8950 <i>J</i>	8060	8630
Antimony	7440-36-0		12				2.3 <i>J</i>	1.7 <i>J</i>	1.1 <i>J</i>	2.4 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		8.7 <i>J</i>	10.4 <i>J</i>	4.9	15.3
Barium	7440-39-3	350	433	820	400		184 <i>J</i>	110 <i>J</i>	69.2 <i>J</i>	148
Beryllium	7440-41-7	7.2	10	47	590		0.49 <i>J</i>	0.64 <i>J</i>	0.4	0.72
Cadmium	7440-43-9	2.5	4	7.5	9.3		1.1 <i>J</i>	0.47 <i>J</i>	0.15 <i>J</i>	0.11 <i>J</i>
Calcium	7440-70-2		10000				7360 <i>J</i>	7500 <i>J</i>	43100 <i>J</i>	12700 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		16.4 <i>J</i>	12.1 <i>J</i>	11.9	12.7
Cobalt	7440-48-4		20				9.6 <i>J</i>	7.6 <i>J</i>	7.1	8.9
Copper	7440-50-8	50	50	1720	270		25.7 <i>J</i>	28.5 <i>J</i>	21.4 <i>J</i>	200 <i>J</i>
Iron	7439-89-6						19800	17700	16700	28000 <i>J</i>
Lead	7439-92-1	63	63	450	1000		354 <i>J</i>	64.4 <i>J</i>	32	277 <i>J</i>
Magnesium	7439-95-4						3220 <i>J</i>	4000 <i>J</i>	6460	3660
Manganese	7439-96-5	1600	1600	2000	10000		394 <i>J</i>	393 <i>J</i>	394 <i>J</i>	332 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.24	0.064	0.083	0.35 <i>J</i>
Nickel	7440-02-0	30	30	130	310		22 <i>J</i>	18.3 <i>J</i>	20.7	21.3
Potassium	7440-09-7						1290 <i>J</i>	1160 <i>J</i>	1320	1350
Selenium	7782-49-2	3.9	3.9	4	1500		0.48 <i>J</i>	0.48 <i>UJ</i>	0.42 <i>U</i>	3 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.36 <i>J</i>	0.24 <i>UJ</i>	0.41 <i>J</i>	0.23 <i>U</i>
Sodium	7440-23-5						82.6 <i>J</i>	98 <i>J</i>	98.2 <i>J</i>	131 <i>J</i>
Thallium	7440-28-0		5				0.33 <i>UJ</i>	0.36 <i>UJ</i>	0.32 <i>U</i>	0.35 <i>U</i>
Vanadium	7440-62-2		39				17.6 <i>J</i>	18.2 <i>J</i>	48.5	20.5
Zinc	7440-66-6	109	109	2480	10000		253 <i>J</i>	106 <i>J</i>	59.3	67.5
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-24	SHL-24	SHL-25	SHL-25
						Sample ID	SHL-24-(12-24)	SHL-24-(6-12)	SHL-25-(0-6)	SHL-25-(12-24)
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									
3:3 perfluorohexanoic acid	356-02-5									
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									
4:2 fluorotelomer sulfonate	757124-72-4									
6:2 Fluorotelomer sulfonic acid	27619-97-2									
7:3 FTCA	812-70-4									
8:2 Fluorotelomer sulfonic acid	39108-34-4									
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									
N-methylperfluoro-1-octanesulfonamide	31506-32-8									
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									
Perfluoro-3-methoxypropanoic acid	377-73-1									
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									
Perfluoro(4-methoxybutanoic) acid	863090-89-5									
Perfluorobutanesulfonic acid (PFBS)	375-73-5									
Perfluorobutanoic acid	375-22-4									
Perfluorodecanesulfonic acid (PFDS)	335-77-3									
Perfluorodecanoic acid	335-76-2									
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									
Perfluorododecanoic Acid	307-55-1									
Perfluoroheptanesulfonic acid	375-92-8									
Perfluoroheptanoic acid	375-85-9									
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									
Perfluorohexanoic acid	307-24-4									
Perfluorononanesulfonic acid	68259-12-1									
Perfluorononanoic acid	375-95-1									
Perfluorooctanesulfonamide (PFOSA)	754-91-6									
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					
Perfluoropentanesulfonic acid	2706-91-4									
Perfluoropentanoic Acid	2706-90-3									
Perfluorotetradecanoic Acid	376-06-7									
Perfluorotridecanoic Acid	72629-94-8									
Perfluoroundecanoic Acid	2058-94-8									

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-24	SHL-24	SHL-25	SHL-25
						Sample ID Sample Date	SHL-24-(12-24) 02/13/2024	SHL-24-(6-12) 02/13/2024	SHL-25-(0-6) 02/12/2024	SHL-25-(12-24) 02/12/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					
Aldrin	309-00-2	0.005	0.14	0.19	0.68					
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					
beta-BHC	319-85-7	0.036	0.6	0.09	3					
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					
delta-BHC	319-86-8	0.04	0.04	0.25	500					
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					
Endosulfan I	959-98-8	2.4		102	200					
Endosulfan II	33213-65-9	2.4		102	200					
Endosulfan sulfate	1031-07-8	2.4		1000	200					
Endrin	72-20-8	0.014	0.014	0.06	89					
Endrin aldehyde	7421-93-4									
Endrin ketone	53494-70-5									
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					
gamma-Chlordane	5566-34-7			14						
Heptachlor	76-44-8	0.042	0.14	0.38	15					
Heptachlor epoxide	1024-57-3			0.02						
Methoxychlor	72-43-5		1.2	900						
Toxaphene	8001-35-2									
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					
Aroclor 1221	11104-28-2	0.1	1	3.2	1					
Aroclor 1232	11141-16-5	0.1	1	3.2	1					
Aroclor 1242	53469-21-9	0.1	1	3.2	1					
Aroclor 1248	12672-29-6	0.1	1	3.2	1					
Aroclor 1254	11097-69-1	0.1	1	3.2	1					
Aroclor 1260	11096-82-5	0.1	1	3.2	1					
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.18 <i>U</i>	0.39 <i>U</i>	3.5 <i>U</i>	0.2 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.13 <i>U</i>	0.28 <i>U</i>	2.6 <i>U</i>	0.15 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.12 <i>U</i>	0.25 <i>U</i>	2.3 <i>U</i>	0.13 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.23 <i>U</i>	0.48 <i>U</i>	4.4 <i>U</i>	0.25 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.12 <i>J</i>	0.19 <i>U</i>	1.8 <i>U</i>	0.1 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.13 <i>U</i>	0.28 <i>U</i>	2.6 <i>U</i>	0.15 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.15 <i>U</i>	0.31 <i>U</i>	2.8 <i>U</i>	0.23 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.1 <i>J</i>	0.2 <i>U</i>	1.9 <i>U</i>	0.18 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.12 <i>U</i>	0.25 <i>U</i>	2.3 <i>U</i>	0.13 <i>U</i>
Chrysene	218-01-9	1		1	56		0.21 <i>U</i>	0.43 <i>U</i>	4 <i>U</i>	0.33 <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.16 <i>U</i>	0.34 <i>U</i>	3.1 <i>U</i>	0.18 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.16 <i>J</i>	0.2 <i>U</i>	1.9 <i>U</i>	0.2 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.11 <i>U</i>	0.23 <i>U</i>	2.1 <i>U</i>	0.12 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.11 <i>U</i>	0.24 <i>U</i>	2.2 <i>U</i>	0.12 <i>J</i>
Naphthalene	91-20-3	12		12	500		0.12 <i>U</i>	0.25 <i>U</i>	2.3 <i>U</i>	0.13 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.13 <i>U</i>	0.28 <i>U</i>	2.6 <i>U</i>	0.22 <i>J</i>
Pyrene	129-00-0	100		1000	500		0.16 <i>J</i>	0.23 <i>U</i>	2.1 <i>U</i>	0.18 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.13 <i>U</i>	0.28 <i>U</i>	2.6 <i>U</i>	0.15 <i>U</i>

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-24	SHL-24	SHL-25	SHL-25
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-24-(12-24) 02/13/2024	SHL-24-(6-12) 02/13/2024	SHL-25-(0-6) 02/12/2024	SHL-25-(12-24) 02/12/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					
2-Chloronaphthalene	91-58-7						0.15 U	0.32 U	2.9 U	0.17 U
2-Chlorophenol	95-57-8		0.8				0.17 U	0.35 U	3.2 U	0.18 U
2-Methylphenol	95-48-7	0.33		0.33	500		0.11 U	0.23 U	2.1 U	0.12 U
2-Nitroaniline	88-74-4			0.4			0.13 U	0.28 U	2.6 U	0.15 U
2-Nitrophenol	88-75-5		7	0.3			0.26 U	0.54 U	5 U	0.28 U
2,2'-oxybis(1-Chloropropane)	108-60-1						0.18 U	0.39 U	3.5 U	0.2 U
2,4-Dichlorophenol	120-83-2		20	0.4			0.097 U	0.2 U	1.9 U	0.11 U
2,4-Dimethylphenol	105-67-9						0.22 U	0.46 U	4.3 U	0.24 U
2,4-Dinitrophenol	51-28-5		20	0.2			4.2 U	8.9 U	82 U	4.6 U
2,4-Dinitrotoluene	121-14-2						0.19 U	0.4 U	3.7 U	0.21 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.25 U	0.52 U	4.8 U	0.27 U
2,4,6-Trichlorophenol	88-06-2		10				0.18 U	0.39 U	3.5 U	0.2 U
2,6-Dinitrotoluene	606-20-2			1			0.11 U	0.23 U	2.1 U	0.12 U
3-Nitroaniline	99-09-2			0.5			0.25 U	0.53 U	4.9 U	0.28 U
3,3'-Dichlorobenzidine	91-94-1						1.1 U	2.3 U	21 U	1.2 U
4-Bromophenyl-phenylether	101-55-3						0.13 U	0.27 U	2.5 U	0.14 U
4-Chloro-3-methylphenol	59-50-7						0.23 U	0.48 U	4.4 U	0.25 U
4-Chloroaniline	106-47-8			0.22			0.23 U	0.48 U	4.4 U	0.25 U
4-Chlorophenyl-phenyl ether	7005-72-3						0.11 U	0.24 U	2.2 U	0.12 U
4-Methylphenol	106-44-5	0.33		0.33	500		0.11 U	0.23 U	2.1 U	0.12 U
4-Nitroaniline	100-01-6						0.48 U	1 U	9.3 U	0.53 U
4-Nitrophenol	100-02-7		7	0.1			0.64 U	1.3 U	12 U	0.7 U
4,6-Dinitro-O-cresol	534-52-1						0.92 U	1.9 U	18 U	1 U
Acetophenone	98-86-2						0.12 U	0.26 U	2.4 U	0.14 U
Atrazine	1912-24-9						0.32 U	0.67 U	6.2 U	0.35 U
Benzaldehyde	100-52-7						0.73 U	1.5 U	14 U	0.8 U
Bis(2-chloroethyl)ether	111-44-4						0.12 U	0.25 U	2.3 U	0.13 U
bis(2-Chloroethoxy)methane	111-91-1						0.19 U	0.41 U	3.8 U	0.21 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.31 U	0.66 U	6.1 U	0.34 U
Butyl benzyl phthalate	85-68-7			122			0.15 U	0.32 U	2.9 U	0.17 U
Carbazole	86-74-8						0.11 U	0.23 U	2.1 U	0.12 U
Caprolactam	105-60-2						0.28 U	0.58 U	5.3 U	0.3 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.16 U	0.33 U	3 U	0.17 U
Di-n-octylphthalate	117-84-0			120			0.11 U	0.23 U	2.1 U	0.12 U
Dibenzofuran	132-64-9	7		6.2	350		0.11 U	0.23 U	2.1 U	0.12 U
Diethyl phthalate	84-66-2		100	7.1			0.12 U	0.25 U	2.3 U	0.13 U
Dimethyl phthalate	131-11-3		200	27			0.11 U	0.23 U	2.1 U	0.12 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.12 U	0.26 U	2.4 U	0.14 U
Hexachlorobutadiene	87-68-3						0.13 U	0.28 U	2.6 U	0.15 U
Hexachlorocyclopentadiene	77-47-4		10				0.12 U	0.26 U	2.4 U	0.14 U
Hexachloroethane	67-72-1						0.12 U	0.25 U	2.3 U	0.13 U
Isophorone	78-59-1			4.4			0.19 U	0.41 U	3.8 U	0.21 U
N-Nitrosodi-n-propylamine	621-64-7						0.16 U	0.33 U	3 U	0.17 U
N-Nitrosodiphenylamine	86-30-6		20				0.74 U	1.6 U	14 U	0.82 U
Nitrobenzene	98-95-3		40	0.17	69		0.1 U	0.22 U	2 U	0.11 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.92 U	1.9 U	18 U	1 U
Phenol	108-95-2	0.33	30	0.33	500		0.14 U	0.29 U	2.7 U	0.15 U

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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-24	SHL-24	SHL-25	SHL-25
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-24-(12-24)	SHL-24-(6-12)	SHL-25-(0-6)	SHL-25-(12-24)
Sample Date										
02/13/2024										
02/13/2024										
02/12/2024										
02/12/2024										
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					
1,1-Dichloroethene	75-35-4	0.33		0.33	500					
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					
1,1,1,2-Tetrachloroethane	630-20-6									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						
1,1,2-Trichloroethane	79-00-5									
1,1,2,2-Tetrachloroethane	79-34-5			0.6						
1,2-Dibromo-3-chloropropane	96-12-8									
1,2-Dibromoethane	106-93-4									
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					
1,2-Dichloropropane	78-87-5		700							
1,2,4-Trichlorobenzene	120-82-1		20	3.4						
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					
2-Butanone	78-93-3	0.12	100	0.3	500					
2-Hexanone	591-78-6									
4-Methyl-2-pentanone	108-10-1			1						
Acetone	67-64-1	0.05	2.2	0.05	500					
Benzene	71-43-2	0.06	70	0.06	44					
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon disulfide	75-15-0			2.7						
Carbon Tetrachloride	56-23-5	0.76		0.76	22					
Chlorobenzene	108-90-7	1.1	40	1.1	500					
Chloroethane	75-00-3			1.9						
Chloroform	67-66-3	0.37	12	0.37	350					
Chloromethane	74-87-3									
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1		10							
Dichlorodifluoromethane	75-71-8									
Ethylbenzene	100-41-4	1		1	390					
Isopropylbenzene	98-82-8			2.3						
m,p-Xylene	179601-23-1									
Methyl Acetate	79-20-9									
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					
Methylcyclohexane	108-87-2									
Methylene Chloride	75-09-2	0.05	12	0.05	500					
n-Butylbenzene	104-51-8	12		12	500					
n-Propylbenzene	103-65-1	3.9		3.9	500					
o-Xylene	95-47-6									
sec-Butylbenzene	135-98-8	11		11	500					
Styrene	100-42-5		300							
tert-Butylbenzene	98-06-6	5.9		5.9	500					
Tetrachloroethene	127-18-4	1.3	2	1.3	150					

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-24	SHL-24	SHL-25	SHL-25
							SHL-24-(12-24)	SHL-24-(6-12)	SHL-25-(0-6)	SHL-25-(12-24)
							02/13/2024	02/13/2024	02/12/2024	02/12/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-25	SHL-26	SHL-26	SHL-26
						Sample ID	SHL-25-(6-12)	SHL-26-(0-6)	SHL-26-(12-24)	SHL-26-(6-12)
						Sample Date	02/12/2024	02/12/2024	02/12/2024	02/12/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		R	R	R	R
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						
Dichlorprop	120-36-5									
Picloram	1918-02-1									
Silvex	93-72-1	3.8		3.8	500					
Metals (mg/kg)										
Aluminum	7429-90-5		10000				10800	10900	12700	7880
Antimony	7440-36-0		12				1.3 J	1.7 J	2.2 J	1.2 J
Arsenic	7440-38-2	13	13	16	16		7.2	9	12.7	5
Barium	7440-39-3	350	433	820	400		122 J	117 J	107 J	55.2 J
Beryllium	7440-41-7	7.2	10	47	590		0.52	0.5	0.7	0.33
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.54	0.64	0.72	0.32
Calcium	7440-70-2		10000				15400 J	14400 J	15000 J	14000 J
Chromium ^g	7440-47-3	1	1	19	400		13.8	15.2	14.1	10.9
Cobalt	7440-48-4		20				8.3	9.4	9.8	6.9
Copper	7440-50-8	50	50	1720	270		35.6 J	28.1 J	22.3 J	23.8 J
Iron	7439-89-6						18700	22400	24400	17900
Lead	7439-92-1	63	63	450	1000		56.8	145	104	50.3
Magnesium	7439-95-4						4630	4850	3480	3260
Manganese	7439-96-5	1600	1600	2000	10000		549 J	465 J	558 J	511 J
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.075	0.12	0.19	0.044
Nickel	7440-02-0	30	30	130	310		20.8	49.3	23.6	20.6
Potassium	7440-09-7						1530	1170	1580	816
Selenium	7782-49-2	3.9	3.9	4	1500		0.61 J	0.52 J	0.53 J	0.42 U
Silver	7440-22-4	2	2	8.3	1500		0.33 J	0.25 U	1.1	0.24 J
Sodium	7440-23-5						74.9 U	52 U	75.3 U	46.9 U
Thallium	7440-28-0		5				0.32 U	0.37 U	0.36 U	0.31 U
Vanadium	7440-62-2		39				18.1	18.3	27.8	49.6
Zinc	7440-66-6	109	109	2480	10000		75.8	116	95.6	87.5
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-25	SHL-26	SHL-26	SHL-26
						Sample ID	SHL-25-(6-12)	SHL-26-(0-6)	SHL-26-(12-24)	SHL-26-(6-12)
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									
3:3 perfluorohexanoic acid	356-02-5									
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									
4:2 fluorotelomer sulfonate	757124-72-4									
6:2 Fluorotelomer sulfonic acid	27619-97-2									
7:3 FTCA	812-70-4									
8:2 Fluorotelomer sulfonic acid	39108-34-4									
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									
N-methylperfluoro-1-octanesulfonamide	31506-32-8									
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									
Perfluoro-3-methoxypropanoic acid	377-73-1									
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									
Perfluoro(4-methoxybutanoic) acid	863090-89-5									
Perfluorobutanesulfonic acid (PFBS)	375-73-5									
Perfluorobutanoic acid	375-22-4									
Perfluorodecanesulfonic acid (PFDS)	335-77-3									
Perfluorodecanoic acid	335-76-2									
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									
Perfluorododecanoic Acid	307-55-1									
Perfluoroheptanesulfonic acid	375-92-8									
Perfluoroheptanoic acid	375-85-9									
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									
Perfluorohexanoic acid	307-24-4									
Perfluorononanesulfonic acid	68259-12-1									
Perfluorononanoic acid	375-95-1									
Perfluorooctanesulfonamide (PFOSA)	754-91-6									
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					
Perfluoropentanesulfonic acid	2706-91-4									
Perfluoropentanoic Acid	2706-90-3									
Perfluorotetradecanoic Acid	376-06-7									
Perfluorotridecanoic Acid	72629-94-8									
Perfluoroundecanoic Acid	2058-94-8									

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-25	SHL-26	SHL-26	SHL-26
						Sample ID Sample Date	SHL-25-(6-12) 02/12/2024	SHL-26-(0-6) 02/12/2024	SHL-26-(12-24) 02/12/2024	SHL-26-(6-12) 02/12/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					
Aldrin	309-00-2	0.005		0.19	0.68					
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					
beta-BHC	319-85-7	0.036	0.6	0.09	3					
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					
delta-BHC	319-86-8	0.04	0.04	0.25	500					
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					
Endosulfan I	959-98-8	2.4		102	200					
Endosulfan II	33213-65-9	2.4		102	200					
Endosulfan sulfate	1031-07-8	2.4		1000	200					
Endrin	72-20-8	0.014	0.014	0.06	89					
Endrin aldehyde	7421-93-4									
Endrin ketone	53494-70-5									
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					
gamma-Chlordane	5566-34-7			14						
Heptachlor	76-44-8	0.042	0.14	0.38	15					
Heptachlor epoxide	1024-57-3			0.02						
Methoxychlor	72-43-5		1.2	900						
Toxaphene	8001-35-2									
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					
Aroclor 1221	11104-28-2	0.1	1	3.2	1					
Aroclor 1232	11141-16-5	0.1	1	3.2	1					
Aroclor 1242	53469-21-9	0.1	1	3.2	1					
Aroclor 1248	12672-29-6	0.1	1	3.2	1					
Aroclor 1254	11097-69-1	0.1	1	3.2	1					
Aroclor 1260	11096-82-5	0.1	1	3.2	1					
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.38 <i>U</i>	0.41 <i>U</i>	0.39 <i>U</i>	3.5 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.28 <i>U</i>	0.3 <i>U</i>	0.28 <i>U</i>	2.6 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.25 <i>U</i>	0.27 <i>U</i>	0.35 <i>J</i>	2.3 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.47 <i>U</i>	0.51 <i>U</i>	0.48 <i>U</i>	4.3 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.27 <i>J</i>	2.1	0.39 <i>J</i>	1.8 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.28 <i>J</i>	2.6	0.67 <i>J</i>	2.6 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.3 <i>U</i>	3.3	0.66 <i>J</i>	2.8 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.24 <i>J</i>	1.2 <i>J</i>	0.36 <i>J</i>	1.9 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.25 <i>U</i>	1.2 <i>J</i>	0.42 <i>J</i>	2.3 <i>U</i>
Chrysene	218-01-9	1		1	56		0.43 <i>U</i>	2.2	0.47 <i>J</i>	3.9 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.34 <i>U</i>	0.36 <i>U</i>	0.34 <i>U</i>	3.1 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.34 <i>J</i>	4	0.74 <i>J</i>	1.9 <i>U</i>
Fluorene	86-73-7	30	30	386	500		0.22 <i>U</i>	0.24 <i>U</i>	0.23 <i>U</i>	2.1 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.24 <i>U</i>	1.2 <i>J</i>	0.39 <i>J</i>	2.2 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.25 <i>U</i>	0.27 <i>U</i>	0.25 <i>U</i>	2.3 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.28 <i>U</i>	1.1 <i>J</i>	0.39 <i>J</i>	2.6 <i>U</i>
Pyrene	129-00-0	100		1000	500		0.34 <i>J</i>	3.1	0.76 <i>J</i>	2.1 <i>U</i>
1,1'-Biphenyl	92-52-4		60				0.28 <i>U</i>	0.3 <i>U</i>	0.28 <i>U</i>	2.6 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-25	SHL-26	SHL-26	SHL-26
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-25-(6-12) 02/12/2024	SHL-26-(0-6) 02/12/2024	SHL-26-(12-24) 02/12/2024	SHL-26-(6-12) 02/12/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					
2-Chloronaphthalene	91-58-7						0.31 U	0.34 U	0.32 U	2.9 U
2-Chlorophenol	95-57-8		0.8				0.35 U	0.38 U	0.35 U	3.2 U
2-Methylphenol	95-48-7	0.33		0.33	500		0.22 U	0.24 U	0.23 U	2.1 U
2-Nitroaniline	88-74-4			0.4			0.28 U	0.3 U	0.28 U	2.6 U
2-Nitrophenol	88-75-5		7	0.3			0.54 U	0.58 U	0.54 U	5 U
2,2'-oxybis(1-Chloropropane)	108-60-1						0.38 U	0.41 U	0.39 U	3.5 U
2,4-Dichlorophenol	120-83-2		20	0.4			0.2 U	0.22 U	0.2 U	1.9 U
2,4-Dimethylphenol	105-67-9						0.46 U	0.5 U	0.46 U	4.2 U
2,4-Dinitrophenol	51-28-5		20	0.2			8.8 U	9.5 U	8.9 U	81 U
2,4-Dinitrotoluene	121-14-2						0.39 U	0.42 U	0.4 U	3.6 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.52 U	0.56 U	0.52 U	4.8 U
2,4,6-Trichlorophenol	88-06-2		10				0.38 U	0.41 U	0.39 U	3.5 U
2,6-Dinitrotoluene	606-20-2			1			0.22 U	0.24 U	0.23 U	2.1 U
3-Nitroaniline	99-09-2			0.5			0.53 U	0.57 U	0.53 U	4.9 U
3,3'-Dichlorobenzidine	91-94-1						2.2 U	2.4 U	2.3 U	21 U
4-Bromophenyl-phenylether	101-55-3						0.27 U	0.29 U	0.27 U	2.5 U
4-Chloro-3-methylphenol	59-50-7						0.47 U	0.51 U	0.48 U	4.3 U
4-Chloroaniline	106-47-8			0.22			0.47 U	0.51 U	0.48 U	4.3 U
4-Chlorophenyl-phenyl ether	7005-72-3						0.24 U	0.25 U	0.24 U	2.2 U
4-Methylphenol	106-44-5	0.33		0.33	500		0.22 U	0.24 U	0.23 U	2.1 U
4-Nitroaniline	100-01-6						1 U	1.1 U	1 U	9.2 U
4-Nitrophenol	100-02-7		7	0.1			1.3 U	1.4 U	1.3 U	12 U
4,6-Dinitro-O-cresol	534-52-1						1.9 U	2.1 U	1.9 U	18 U
Acetophenone	98-86-2						0.26 U	0.28 U	0.26 U	2.4 U
Atrazine	1912-24-9						0.66 U	0.72 U	0.67 U	6.1 U
Benzaldehyde	100-52-7						1.5 U	1.6 U	1.5 U	14 U
Bis(2-chloroethyl)ether	111-44-4						0.25 U	0.27 U	0.25 U	2.3 U
bis(2-Chloroethoxy)methane	111-91-1						0.4 U	0.44 U	0.41 U	3.7 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.65 U	0.7 U	0.66 U	6 U
Butyl benzyl phthalate	85-68-7			122			0.31 U	0.34 U	0.32 U	2.9 U
Carbazole	86-74-8						0.22 U	0.24 U	0.23 U	2.1 U
Caprolactam	105-60-2						0.57 U	0.62 U	0.58 U	5.3 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.33 U	0.35 U	0.33 U	3 U
Di-n-octylphthalate	117-84-0			120			0.22 U	0.24 U	0.23 U	2.1 U
Dibenzofuran	132-64-9	7		6.2	350		0.22 U	0.24 U	0.23 U	2.1 U
Diethyl phthalate	84-66-2		100	7.1			0.25 U	0.27 U	0.25 U	2.3 U
Dimethyl phthalate	131-11-3		200	27			0.22 U	0.24 U	0.23 U	2.1 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.26 U	0.28 U	0.26 U	2.4 U
Hexachlorobutadiene	87-68-3						0.28 U	0.3 U	0.28 U	2.6 U
Hexachlorocyclopentadiene	77-47-4		10				0.26 U	0.28 U	0.26 U	2.4 U
Hexachloroethane	67-72-1						0.25 U	0.27 U	0.25 U	2.3 U
Isophorone	78-59-1			4.4			0.4 U	0.44 U	0.41 U	3.7 U
N-Nitrosodi-n-propylamine	621-64-7						0.33 U	0.35 U	0.33 U	3 U
N-Nitrosodiphenylamine	86-30-6		20				1.5 U	1.7 U	1.6 U	14 U
Nitrobenzene	98-95-3		40	0.17	69		0.21 U	0.23 U	0.22 U	2 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		1.9 U	2.1 U	1.9 U	18 U
Phenol	108-95-2	0.33	30	0.33	500		0.29 U	0.32 U	0.29 U	2.7 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-25	SHL-26	SHL-26	SHL-26
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Commercial ^{b,c,f}	Sample ID	SHL-25-(6-12)	SHL-26-(0-6)	SHL-26-(12-24)	SHL-26-(6-12)
				Groundwater ^{b,c,e}		Sample Date	02/12/2024	02/12/2024	02/12/2024	02/12/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					
1,1-Dichloroethene	75-35-4	0.33		0.33	500					
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					
1,1,1,2-Tetrachloroethane	630-20-6									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						
1,1,2-Trichloroethane	79-00-5									
1,1,2,2-Tetrachloroethane	79-34-5			0.6						
1,2-Dibromo-3-chloropropane	96-12-8									
1,2-Dibromoethane	106-93-4									
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					
1,2-Dichloropropane	78-87-5		700							
1,2,4-Trichlorobenzene	120-82-1		20	3.4						
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					
2-Butanone	78-93-3	0.12	100	0.3	500					
2-Hexanone	591-78-6									
4-Methyl-2-pentanone	108-10-1			1						
Acetone	67-64-1	0.05	2.2	0.05	500					
Benzene	71-43-2	0.06	70	0.06	44					
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon disulfide	75-15-0			2.7						
Carbon Tetrachloride	56-23-5	0.76		0.76	22					
Chlorobenzene	108-90-7	1.1	40	1.1	500					
Chloroethane	75-00-3			1.9						
Chloroform	67-66-3	0.37	12	0.37	350					
Chloromethane	74-87-3									
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1		10							
Dichlorodifluoromethane	75-71-8									
Ethylbenzene	100-41-4	1		1	390					
Isopropylbenzene	98-82-8			2.3						
m,p-Xylene	179601-23-1									
Methyl Acetate	79-20-9									
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					
Methylcyclohexane	108-87-2									
Methylene Chloride	75-09-2	0.05	12	0.05	500					
n-Butylbenzene	104-51-8	12		12	500					
n-Propylbenzene	103-65-1	3.9		3.9	500					
o-Xylene	95-47-6									
sec-Butylbenzene	135-98-8	11		11	500					
Styrene	100-42-5		300							
tert-Butylbenzene	98-06-6	5.9		5.9	500					
Tetrachloroethene	127-18-4	1.3	2	1.3	150					

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-25	SHL-26	SHL-26	SHL-26
							SHL-25-(6-12)	SHL-26-(0-6)	SHL-26-(12-24)	SHL-26-(6-12)
							02/12/2024	02/12/2024	02/12/2024	02/12/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-27	SHL-27	SHL-27	SHL-28
						Sample ID	SHL-27-(0-6)	SHL-27-(12-24)	SHL-27-(6-12)	SHL-28-(0-6)
						Sample Date	02/12/2024	02/12/2024	02/12/2024	02/12/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		R	R	R	R
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						
Dichlorprop	120-36-5									
Picloram	1918-02-1									
Silvex	93-72-1	3.8		3.8	500					
Metals (mg/kg)										
Aluminum	7429-90-5		10000				8390	12500	10800	8140
Antimony	7440-36-0		12				1 J	1.5 J	2.3 J	1.1 J
Arsenic	7440-38-2	13	13	16	16		5	14.7	15.9	5.5
Barium	7440-39-3	350	433	820	400		65.6 J	136 J	110 J	65.3 J
Beryllium	7440-41-7	7.2	10	47	590		0.31	0.61	0.53	0.37
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.19 J	1.6	3.2	0.14 J
Calcium	7440-70-2		10000				12000 J	17000 J	15300 J	35600 J
Chromium ^g	7440-47-3	1	1	19	400		11	16.2	13.7	11.8
Cobalt	7440-48-4		20				5.8	8.8	8.4	6.8
Copper	7440-50-8	50	50	1720	270		16.3 J	43.1 J	47.5 J	18.2 J
Iron	7439-89-6						15600	19400	21200	16300
Lead	7439-92-1	63	63	450	1000		35.3	255	251	33.1
Magnesium	7439-95-4						5440	4380	4240	6460
Manganese	7439-96-5	1600	1600	2000	10000		351 J	493 J	557 J	384 J
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.042	0.14	0.11	0.013 J
Nickel	7440-02-0	30	30	130	310		14.7	20.9	20	19.3
Potassium	7440-09-7						1040	1450	1330	1500
Selenium	7782-49-2	3.9	3.9	4	1500		0.46 U	0.59 J	1.5 J	0.44 U
Silver	7440-22-4	2	2	8.3	1500		0.23 U	0.24 U	0.23 U	0.52 J
Sodium	7440-23-5						56.6 U	139 J	87.7 J	92.1 J
Thallium	7440-28-0		5				0.35 U	0.36 U	0.34 U	0.33 U
Vanadium	7440-62-2		39				13.2	21.3	19	23.6
Zinc	7440-66-6	109	109	2480	10000		79	184	224	67.5
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SHL-27	SHL-27	SHL-27	SHL-28
						Sample ID	SHL-27-(0-6)	SHL-27-(12-24)	SHL-27-(6-12)	SHL-28-(0-6)
						Sample Date	02/12/2024	02/12/2024	02/12/2024	02/12/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									
3:3 perfluorohexanoic acid	356-02-5									
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									
4:2 fluorotelomer sulfonate	757124-72-4									
6:2 Fluorotelomer sulfonic acid	27619-97-2									
7:3 FTCA	812-70-4									
8:2 Fluorotelomer sulfonic acid	39108-34-4									
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									
N-methylperfluoro-1-octanesulfonamide	31506-32-8									
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									
Perfluoro-3-methoxypropanoic acid	377-73-1									
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									
Perfluoro(4-methoxybutanoic) acid	863090-89-5									
Perfluorobutanesulfonic acid (PFBS)	375-73-5									
Perfluorobutanoic acid	375-22-4									
Perfluorodecanesulfonic acid (PFDS)	335-77-3									
Perfluorodecanoic acid	335-76-2									
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									
Perfluorododecanoic Acid	307-55-1									
Perfluoroheptanesulfonic acid	375-92-8									
Perfluoroheptanoic acid	375-85-9									
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									
Perfluorohexanoic acid	307-24-4									
Perfluorononanesulfonic acid	68259-12-1									
Perfluorononanoic acid	375-95-1									
Perfluorooctanesulfonamide (PFOSA)	754-91-6									
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					
Perfluoropentanesulfonic acid	2706-91-4									
Perfluoropentanoic Acid	2706-90-3									
Perfluorotetradecanoic Acid	376-06-7									
Perfluorotridecanoic Acid	72629-94-8									
Perfluoroundecanoic Acid	2058-94-8									

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-27	SHL-27	SHL-27	SHL-28
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-27-(0-6)	SHL-27-(12-24)	SHL-27-(6-12)	SHL-28-(0-6)
						Sample Date	02/12/2024	02/12/2024	02/12/2024	02/12/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					
Aldrin	309-00-2	0.005		0.19	0.68					
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					
beta-BHC	319-85-7	0.036	0.6	0.09	3					
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					
delta-BHC	319-86-8	0.04	0.04	0.25	500					
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					
Endosulfan I	959-98-8	2.4		102	200					
Endosulfan II	33213-65-9	2.4		102	200					
Endosulfan sulfate	1031-07-8	2.4		1000	200					
Endrin	72-20-8	0.014	0.014	0.06	89					
Endrin aldehyde	7421-93-4									
Endrin ketone	53494-70-5									
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					
gamma-Chlordane	5566-34-7			14						
Heptachlor	76-44-8	0.042	0.14	0.38	15					
Heptachlor epoxide	1024-57-3			0.02						
Methoxychlor	72-43-5		1.2	900						
Toxaphene	8001-35-2									
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					
Aroclor 1221	11104-28-2	0.1	1	3.2	1					
Aroclor 1232	11141-16-5	0.1	1	3.2	1					
Aroclor 1242	53469-21-9	0.1	1	3.2	1					
Aroclor 1248	12672-29-6	0.1	1	3.2	1					
Aroclor 1254	11097-69-1	0.1	1	3.2	1					
Aroclor 1260	11096-82-5	0.1	1	3.2	1					
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.19 <i>U</i>	0.38 <i>U</i>	0.19 <i>UJ</i>	3.7 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.14 <i>U</i>	0.28 <i>U</i>	0.14 <i>UJ</i>	2.7 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.12 <i>U</i>	0.62 <i>J</i>	0.47 <i>J</i>	2.4 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.24 <i>U</i>	0.48 <i>U</i>	0.39 <i>J</i>	4.5 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.16 <i>J</i>	<u>2.4</u>	<u>2.5</u> <i>J</i>	1.8 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.18 <i>J</i>	<u>2</u>	<u>1.9</u> <i>J</i>	2.7 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.21 <i>J</i>	<u>2.5</u>	<u>2.6</u> <i>J</i>	2.9 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.11 <i>J</i>	0.94 <i>J</i>	0.77 <i>J</i>	1.9 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.12 <i>U</i>	<u>1</u> <i>J</i>	<u>1.2</u> <i>J</i>	2.4 <i>U</i>
Chrysene	218-01-9	1		1	56		0.21 <i>U</i>	<u>2.4</u>	<u>2.3</u> <i>J</i>	4.1 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.17 <i>U</i>	0.34 <i>U</i>	0.25 <i>J</i>	3.2 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.37 <i>J</i>	3.8	3.7 <i>J</i>	3.3 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.11 <i>U</i>	0.23 <i>U</i>	0.11 <i>J</i>	2.2 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.12 <i>U</i>	<u>0.89</u> <i>J</i>	<u>0.81</u> <i>J</i>	2.3 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.12 <i>U</i>	0.25 <i>U</i>	0.13 <i>UJ</i>	2.4 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.22 <i>J</i>	<u>1.2</u> <i>J</i>	0.69 <i>J</i>	2.7 <i>U</i>
Pyrene	129-00-0	100		1000	500		0.24 <i>J</i>	3.9	3.2 <i>J</i>	2.2 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.14 <i>U</i>	0.28 <i>U</i>	0.14 <i>UJ</i>	2.7 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-27	SHL-27	SHL-27	SHL-28
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-27-(0-6) 02/12/2024	SHL-27-(12-24) 02/12/2024	SHL-27-(6-12) 02/12/2024	SHL-28-(0-6) 02/12/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					
2-Chloronaphthalene	91-58-7						0.16 U	0.32 U	0.16 UJ	3 U
2-Chlorophenol	95-57-8		0.8				0.17 U	0.35 U	0.18 U	3.3 U
2-Methylphenol	95-48-7	0.33		0.33	500		0.11 U	0.23 U	0.11 U	2.2 U
2-Nitroaniline	88-74-4			0.4			0.14 U	0.28 U	0.14 UJ	2.7 U
2-Nitrophenol	88-75-5		7	0.3			0.27 U	0.54 U	0.28 U	5.2 U
2,2'-oxybis(1-Chloropropane)	108-60-1						0.19 U	0.38 U	0.19 UJ	3.7 U
2,4-Dichlorophenol	120-83-2		20	0.4			0.1 U	0.2 U	0.1 U	1.9 U
2,4-Dimethylphenol	105-67-9						0.23 U	0.46 U	0.23 U	4.4 U
2,4-Dinitrophenol	51-28-5		20	0.2			4.4 U	8.9 U	4.5 U	84 U
2,4-Dinitrotoluene	121-14-2						0.2 U	0.4 U	0.2 UJ	3.8 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.26 U	0.52 U	0.26 U	4.9 U
2,4,6-Trichlorophenol	88-06-2		10				0.19 U	0.38 U	0.19 U	3.7 U
2,6-Dinitrotoluene	606-20-2			1			0.11 U	0.23 U	0.11 UJ	2.2 U
3-Nitroaniline	99-09-2			0.5			0.27 U	0.53 U	0.27 UJ	5.1 U
3,3'-Dichlorobenzidine	91-94-1						1.1 U	2.3 U	1.1 UJ	22 U
4-Bromophenyl-phenylether	101-55-3						0.14 U	0.27 U	0.14 UJ	2.6 U
4-Chloro-3-methylphenol	59-50-7						0.24 U	0.48 U	0.24 U	4.5 U
4-Chloroaniline	106-47-8			0.22			0.24 U	0.48 U	0.24 UJ	4.5 U
4-Chlorophenyl-phenyl ether	7005-72-3						0.12 U	0.24 U	0.12 UJ	2.3 U
4-Methylphenol	106-44-5	0.33		0.33	500		0.11 U	0.23 U	0.11 U	2.2 U
4-Nitroaniline	100-01-6						0.5 U	1 U	0.51 UJ	9.6 U
4-Nitrophenol	100-02-7		7	0.1			0.67 U	1.3 U	0.68 U	13 U
4,6-Dinitro-O-cresol	534-52-1						0.96 U	1.9 U	0.97 U	18 U
Acetophenone	98-86-2						0.13 U	0.26 U	0.13 UJ	2.5 U
Atrazine	1912-24-9						0.33 U	0.67 U	0.34 UJ	6.3 U
Benzaldehyde	100-52-7						0.76 U	1.5 U	0.77 UJ	15 U
Bis(2-chloroethyl)ether	111-44-4						0.12 U	0.25 U	0.13 UJ	2.4 U
bis(2-Chloroethoxy)methane	111-91-1						0.2 U	0.41 U	0.21 UJ	3.9 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.33 U	0.66 U	0.33 UJ	6.2 U
Butyl benzyl phthalate	85-68-7			122			0.16 U	0.32 U	0.16 UJ	3 U
Carbazole	86-74-8						0.11 U	0.23 U	0.11 UJ	2.2 U
Caprolactam	105-60-2						0.29 U	0.58 U	0.29 UJ	5.5 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.16 U	0.33 U	0.17 UJ	3.1 U
Di-n-octylphthalate	117-84-0			120			0.11 U	0.23 U	0.11 UJ	2.2 U
Dibenzofuran	132-64-9	7		6.2	350		0.11 U	0.23 U	0.11 UJ	2.2 U
Diethyl phthalate	84-66-2		100	7.1			0.12 U	0.25 U	0.13 UJ	2.4 U
Dimethyl phthalate	131-11-3		200	27			0.11 U	0.23 U	0.11 UJ	2.2 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.13 U	0.26 U	0.13 UJ	2.5 U
Hexachlorobutadiene	87-68-3						0.14 U	0.28 U	0.14 UJ	2.7 U
Hexachlorocyclopentadiene	77-47-4		10				0.13 U	0.26 U	0.13 UJ	2.5 U
Hexachloroethane	67-72-1						0.12 U	0.25 U	0.13 UJ	2.4 U
Isophorone	78-59-1			4.4			0.2 U	0.41 U	0.21 UJ	3.9 U
N-Nitrosodi-n-propylamine	621-64-7						0.16 U	0.33 U	0.17 UJ	3.1 U
N-Nitrosodiphenylamine	86-30-6		20				0.78 U	1.6 U	0.79 UJ	15 U
Nitrobenzene	98-95-3		40	0.17	69		0.11 U	0.22 U	0.11 UJ	2 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.96 U	1.9 U	0.97 U	18 U
Phenol	108-95-2	0.33	30	0.33	500		0.15 U	0.29 U	0.15 U	2.8 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-27	SHL-27	SHL-27	SHL-28
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-27-(0-6)	SHL-27-(12-24)	SHL-27-(6-12)	SHL-28-(0-6)
02/12/202402/12/202402/12/202402/12/2024										
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					
1,1-Dichloroethene	75-35-4	0.33		0.33	500					
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					
1,1,1,2-Tetrachloroethane	630-20-6									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						
1,1,2-Trichloroethane	79-00-5									
1,1,2,2-Tetrachloroethane	79-34-5			0.6						
1,2-Dibromo-3-chloropropane	96-12-8									
1,2-Dibromoethane	106-93-4									
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					
1,2-Dichloropropane	78-87-5		700							
1,2,4-Trichlorobenzene	120-82-1		20	3.4						
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					
2-Butanone	78-93-3	0.12	100	0.3	500					
2-Hexanone	591-78-6									
4-Methyl-2-pentanone	108-10-1			1						
Acetone	67-64-1	0.05	2.2	0.05	500					
Benzene	71-43-2	0.06	70	0.06	44					
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon disulfide	75-15-0			2.7						
Carbon Tetrachloride	56-23-5	0.76		0.76	22					
Chlorobenzene	108-90-7	1.1	40	1.1	500					
Chloroethane	75-00-3			1.9						
Chloroform	67-66-3	0.37	12	0.37	350					
Chloromethane	74-87-3									
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1		10							
Dichlorodifluoromethane	75-71-8									
Ethylbenzene	100-41-4	1		1	390					
Isopropylbenzene	98-82-8			2.3						
m,p-Xylene	179601-23-1									
Methyl Acetate	79-20-9									
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					
Methylcyclohexane	108-87-2									
Methylene Chloride	75-09-2	0.05	12	0.05	500					
n-Butylbenzene	104-51-8	12		12	500					
n-Propylbenzene	103-65-1	3.9		3.9	500					
o-Xylene	95-47-6									
sec-Butylbenzene	135-98-8	11		11	500					
Styrene	100-42-5		300							
tert-Butylbenzene	98-06-6	5.9		5.9	500					
Tetrachloroethene	127-18-4	1.3	2	1.3	150					

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-27	SHL-27	SHL-27	SHL-28
							SHL-27-(0-6)	SHL-27-(12-24)	SHL-27-(6-12)	SHL-28-(0-6)
							02/12/2024	02/12/2024	02/12/2024	02/12/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-28	SHL-28	SHL-3	SHL-3
							SHL-28-(12-24) 02/12/2024	SHL-28-(6-12) 02/12/2024	SHL-3-(0-6) 02/16/2024	SHL-3-(12-24) 02/16/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.49 <i>U</i>	<i>R</i>	<i>R</i>	<i>R</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						0.012 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						0.006 <i>U</i>
Dichlorprop	120-36-5									0.0094 <i>U</i>
Picloram	1918-02-1									0.0081 <i>U</i>
Silvex	93-72-1	3.8		3.8	500					0.0068 <i>U</i>
Metals (mg/kg)										
Aluminum	7429-90-5		10000				8980	10000	9620	9270
Antimony	7440-36-0		12				1.3 <i>J</i>	1.1 <i>J</i>	3.5 <i>J</i>	3.3 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		7.1	6.3	26.9	58.8
Barium	7440-39-3	350	433	820	400		101 <i>J</i>	88.2 <i>J</i>	97.1	179
Beryllium	7440-41-7	7.2	10	47	590		0.42	0.45	0.52	0.48
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.37	0.28	3.4	7.1
Calcium	7440-70-2		10000				5130 <i>J</i>	26200 <i>J</i>	2890 <i>J</i>	5880 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		12	12.6	14.5	13.9
Cobalt	7440-48-4		20				5.7	7	8.4	7.8
Copper	7440-50-8	50	50	1720	270		22.1 <i>J</i>	20.4 <i>J</i>	35.3	43.8
Iron	7439-89-6						15100	17100	19600	17800
Lead	7439-92-1	63	63	450	1000		107	68.5	1350 <i>J</i>	2140 <i>J</i>
Magnesium	7439-95-4						2150	8910	2660	2750
Manganese	7439-96-5	1600	1600	2000	10000		413 <i>J</i>	394 <i>J</i>	472 <i>J</i>	365 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.11	0.064	0.17	0.3
Nickel	7440-02-0	30	30	130	310		13.9	17.3	20.5	19.2
Potassium	7440-09-7						827	1230	1510	1320
Selenium	7782-49-2	3.9	3.9	4	1500		0.47 <i>U</i>	0.43 <i>U</i>	1.2 <i>J</i>	1.8 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.31 <i>J</i>	0.37 <i>J</i>	0.27 <i>U</i>	0.3 <i>J</i>
Sodium	7440-23-5						51.7 <i>U</i>	75.7 <i>U</i>	87.4 <i>J</i>	139 <i>J</i>
Thallium	7440-28-0		5				0.35 <i>U</i>	0.32 <i>U</i>	0.4 <i>U</i>	0.36 <i>U</i>
Vanadium	7440-62-2		39				16.1	17.8	18.4	17
Zinc	7440-66-6	109	109	2480	10000		113	85.4	154	203
TCLP Metals (mg/L)										
Arsenic	7440-38-2									0.014 <i>J</i>
Barium	7440-39-3									1.2
Cadmium	7440-43-9									0.12
Chromium	7440-47-3									0.01 <i>U</i>
Lead	7439-92-1									10.5
Mercury	7439-97-6									0.000043 <i>U</i>
Selenium	7782-49-2									0.0087 <i>U</i>
Silver	7440-22-4									0.0017 <i>U</i>

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-28	SHL-28	SHL-3	SHL-3
							SHL-28-(12-24) 02/12/2024	SHL-28-(6-12) 02/12/2024	SHL-3-(0-6) 02/16/2024	SHL-3-(12-24) 02/16/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									0.00018 <i>U</i>
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									0.00046 <i>U</i>
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									0.000046 <i>U</i>
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									0.0011 <i>U</i>
3:3 perfluorohexanoic acid	356-02-5									0.00023 <i>U</i>
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									0.00018 <i>U</i>
4:2 fluorotelomer sulfonate	757124-72-4									0.00018 <i>U</i>
6:2 Fluorotelomer sulfonic acid	27619-97-2									0.00018 <i>U</i>
7:3 FTCA	812-70-4									0.0011 <i>U</i>
8:2 Fluorotelomer sulfonic acid	39108-34-4									0.00018 <i>U</i>
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									0.00018 <i>U</i>
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									0.00018 <i>U</i>
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									0.00046 <i>U</i>
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									0.000046 <i>U</i>
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									0.000046 <i>U</i>
N-methylperfluoro-1-octanesulfonamide	31506-32-8									0.000046 <i>U</i>
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									0.000091 <i>U</i>
Perfluoro-3-methoxypropanoic acid	377-73-1									0.000091 <i>U</i>
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									0.000091 <i>U</i>
Perfluoro(4-methoxybutanoic) acid	863090-89-5									0.000091 <i>U</i>
Perfluorobutanesulfonic acid (PFBS)	375-73-5									0.000046 <i>U</i>
Perfluorobutanoic acid	375-22-4									0.00018 <i>U</i>
Perfluorodecanesulfonic acid (PFDS)	335-77-3									0.000046 <i>U</i>
Perfluorodecanoic acid	335-76-2									0.000046 <i>U</i>
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									0.000046 <i>U</i>
Perfluorododecanoic Acid	307-55-1									0.000046 <i>U</i>
Perfluoroheptanesulfonic acid	375-92-8									0.000046 <i>U</i>
Perfluoroheptanoic acid	375-85-9									0.000046 <i>U</i>
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									0.000046 <i>U</i>
Perfluorohexanoic acid	307-24-4									0.000046 <i>U</i>
Perfluorononanesulfonic acid	68259-12-1									0.000046 <i>U</i>
Perfluorononanoic acid	375-95-1									0.000046 <i>U</i>
Perfluorooctanesulfonamide (PFOSA)	754-91-6									0.000046 <i>U</i>
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					0.00019
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					0.000071 <i>J</i>
Perfluoropentanesulfonic acid	2706-91-4									0.000046 <i>U</i>
Perfluoropentanoic Acid	2706-90-3									0.000091 <i>U</i>
Perfluorotetradecanoic Acid	376-06-7									0.000046 <i>U</i>
Perfluorotridecanoic Acid	72629-94-8									0.000046 <i>U</i>
Perfluoroundecanoic Acid	2058-94-8									0.000046 <i>U</i>

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-28	SHL-28	SHL-3	SHL-3
							SHL-28-(12-24) 02/12/2024	SHL-28-(6-12) 02/12/2024	SHL-3-(0-6) 02/16/2024	SHL-3-(12-24) 02/16/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					0.0037 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					0.004 <i>U</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					0.0088 <i>J</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.68					0.0047 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					0.0034 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	3					0.0034 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					0.0094 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	500					0.0035 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					0.0046 <i>U</i>
Endosulfan I	959-98-8	2.4		102	200					0.0036 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	200					0.0034 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	200					0.0035 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	89					0.0038 <i>U</i>
Endrin aldehyde	7421-93-4									0.0048 <i>U</i>
Endrin ketone	53494-70-5									0.0047 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					0.0035 <i>U</i>
gamma-Chlordane	5566-34-7			14						0.006 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	15					0.0041 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02						0.0049 <i>U</i>
Methoxychlor	72-43-5		1.2	900						0.0044 <i>U</i>
Toxaphene	8001-35-2									0.11 <i>U</i>
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									45.5 <i>U</i>
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					0.045 <i>UJ</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1					0.045 <i>UJ</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1					0.045 <i>UJ</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1					0.045 <i>UJ</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1					0.045 <i>UJ</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1					0.11 <i>UJ</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1					0.11 <i>UJ</i>
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.37 <i>U</i>	0.36 <i>U</i>	0.43 <i>U</i>	0.19 <i>UJ</i>
Acenaphthene	83-32-9	20	20	98	500		0.27 <i>U</i>	0.27 <i>U</i>	0.32 <i>U</i>	0.14 <i>UJ</i>
Acenaphthylene	208-96-8	100		107	500		0.24 <i>U</i>	0.24 <i>U</i>	0.37 <i>J</i>	0.2 <i>J</i>
Anthracene	120-12-7	100		1000	500		0.46 <i>U</i>	0.45 <i>U</i>	0.53 <i>U</i>	0.42 <i>J</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.43 <i>J</i>	<u>1.2</u> <i>J</i>	0.61 <i>J</i>	<u>1.5</u> <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.52 <i>J</i>	1.5 <i>J</i>	0.76 <i>J</i>	1.4 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.63 <i>J</i>	<u>1.6</u> <i>J</i>	0.88 <i>J</i>	<u>2</u> <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.27 <i>J</i>	0.69 <i>J</i>	0.43 <i>J</i>	0.72 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.33 <i>J</i>	0.79 <i>J</i>	0.5 <i>J</i>	1.1 <i>J</i>
Chrysene	218-01-9	1		1	56		0.52 <i>J</i>	<u>1.2</u> <i>J</i>	0.56 <i>J</i>	<u>1.3</u> <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.33 <i>U</i>	0.32 <i>U</i>	0.38 <i>U</i>	0.24 <i>J</i>
Fluoranthene	206-44-0	100		1000	500		1.1 <i>J</i>	2.5	1 <i>J</i>	2.8 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.22 <i>U</i>	0.21 <i>U</i>	0.25 <i>U</i>	0.15 <i>J</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.31 <i>J</i>	<u>0.71</u> <i>J</i>	0.36 <i>J</i>	<u>0.68</u> <i>J</i>
Naphthalene	91-20-3	12		12	500		0.24 <i>U</i>	0.24 <i>U</i>	0.28 <i>U</i>	0.12 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	500		0.81 <i>J</i>	1.1 <i>J</i>	0.37 <i>J</i>	1.5 <i>J</i>
Pyrene	129-00-0	100		1000	500		0.75 <i>J</i>	1.8	0.82 <i>J</i>	2 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.27 <i>U</i>	0.27 <i>U</i>	0.32 <i>U</i>	0.14 <i>UJ</i>

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-28	SHL-28	SHL-3	SHL-3
							SHL-28-(12-24) 02/12/2024	SHL-28-(6-12) 02/12/2024	SHL-3-(0-6) 02/16/2024	SHL-3-(12-24) 02/16/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					0.31 <i>UJ</i>
2-Chloronaphthalene	91-58-7						0.31 <i>U</i>	0.3 <i>U</i>	0.35 <i>U</i>	0.16 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8				0.34 <i>U</i>	0.33 <i>U</i>	0.39 <i>U</i>	0.17 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.22 <i>U</i>	0.21 <i>U</i>	0.25 <i>U</i>	0.11 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.27 <i>U</i>	0.27 <i>U</i>	0.32 <i>U</i>	0.14 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.52 <i>U</i>	0.51 <i>U</i>	0.61 <i>U</i>	0.27 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.37 <i>U</i>	0.36 <i>U</i>	0.43 <i>U</i>	0.19 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.2 <i>U</i>	0.19 <i>U</i>	0.23 <i>U</i>	0.1 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.45 <i>U</i>	0.44 <i>U</i>	0.52 <i>U</i>	0.23 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			8.5 <i>U</i>	8.4 <i>U</i>	9.9 <i>U</i>	4.4 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.38 <i>U</i>	0.37 <i>U</i>	0.44 <i>U</i>	0.2 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.5 <i>U</i>	0.49 <i>U</i>	0.58 <i>U</i>	0.26 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.37 <i>U</i>	0.36 <i>U</i>	0.43 <i>U</i>	0.19 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.22 <i>U</i>	0.21 <i>U</i>	0.25 <i>U</i>	0.11 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.51 <i>U</i>	0.5 <i>U</i>	0.6 <i>U</i>	0.26 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						2.2 <i>U</i>	2.1 <i>U</i>	2.5 <i>U</i>	1.1 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.26 <i>U</i>	0.26 <i>U</i>	0.3 <i>U</i>	0.13 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.46 <i>U</i>	0.45 <i>U</i>	0.53 <i>U</i>	0.23 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.46 <i>U</i>	0.45 <i>U</i>	0.53 <i>U</i>	0.23 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.23 <i>U</i>	0.22 <i>U</i>	0.27 <i>U</i>	0.12 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.22 <i>U</i>	0.21 <i>U</i>	0.25 <i>U</i>	0.11 <i>U</i>
4-Nitroaniline	100-01-6						0.97 <i>U</i>	0.95 <i>U</i>	1.1 <i>U</i>	0.5 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			1.3 <i>U</i>	1.3 <i>U</i>	1.5 <i>U</i>	0.67 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1.9 <i>U</i>	1.8 <i>U</i>	2.2 <i>U</i>	0.95 <i>U</i>
Acetophenone	98-86-2						0.25 <i>U</i>	0.25 <i>U</i>	0.29 <i>U</i>	0.13 <i>UJ</i>
Atrazine	1912-24-9						0.64 <i>U</i>	0.63 <i>U</i>	0.75 <i>U</i>	0.33 <i>UJ</i>
Benzaldehyde	100-52-7						1.5 <i>U</i>	1.4 <i>U</i>	1.7 <i>UJ</i>	0.75 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.24 <i>U</i>	0.24 <i>U</i>	0.28 <i>U</i>	0.12 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.39 <i>U</i>	0.39 <i>U</i>	0.46 <i>U</i>	0.2 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.63 <i>U</i>	0.62 <i>U</i>	0.73 <i>U</i>	0.32 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122			0.31 <i>U</i>	0.3 <i>U</i>	0.35 <i>U</i>	0.16 <i>UJ</i>
Carbazole	86-74-8						0.22 <i>U</i>	0.21 <i>U</i>	0.25 <i>U</i>	0.2 <i>J</i>
Caprolactam	105-60-2						0.56 <i>U</i>	0.55 <i>U</i>	0.65 <i>U</i>	0.29 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.32 <i>U</i>	0.31 <i>U</i>	0.37 <i>U</i>	0.16 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120			0.22 <i>U</i>	0.21 <i>U</i>	0.25 <i>U</i>	0.11 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	350		0.22 <i>U</i>	0.21 <i>U</i>	0.25 <i>U</i>	0.11 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1			0.24 <i>U</i>	0.24 <i>U</i>	0.28 <i>U</i>	0.12 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27			0.22 <i>U</i>	0.21 <i>U</i>	0.25 <i>U</i>	0.11 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.25 <i>U</i>	0.25 <i>U</i>	0.29 <i>U</i>	0.13 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.27 <i>U</i>	0.27 <i>U</i>	0.32 <i>U</i>	0.14 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.25 <i>U</i>	0.25 <i>U</i>	0.29 <i>U</i>	0.13 <i>UJ</i>
Hexachloroethane	67-72-1						0.24 <i>U</i>	0.24 <i>U</i>	0.28 <i>U</i>	0.12 <i>UJ</i>
Isophorone	78-59-1			4.4			0.39 <i>U</i>	0.39 <i>U</i>	0.46 <i>U</i>	0.2 <i>UJ</i>
N-Nitrosodi-n-propylamine	621-64-7						0.32 <i>U</i>	0.31 <i>U</i>	0.37 <i>U</i>	0.16 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				1.5 <i>U</i>	1.5 <i>U</i>	1.7 <i>U</i>	0.77 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	69		0.21 <i>U</i>	0.2 <i>U</i>	0.24 <i>U</i>	0.11 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		1.9 <i>U</i>	1.8 <i>U</i>	2.2 <i>U</i>	0.0061 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.28 <i>U</i>	0.28 <i>U</i>	0.33 <i>U</i>	0.15 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-28	SHL-28	SHL-3	SHL-3
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-28-(12-24)	SHL-28-(6-12)	SHL-3-(0-6)	SHL-3-(12-24)
						Sample Date	02/12/2024	02/12/2024	02/16/2024	02/16/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					0.00078 U
1,1-Dichloroethene	75-35-4	0.33		0.33	500					0.00078 U
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					0.00046 U
1,1,1,2-Tetrachloroethane	630-20-6									0.00064 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						0.0015 U
1,1,2-Trichloroethane	79-00-5									0.00083 U
1,1,2,2-Tetrachloroethane	79-34-5			0.6						0.001 U
1,2-Dibromo-3-chloropropane	96-12-8									0.0032 U
1,2-Dibromoethane	106-93-4									0.00082 U
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					0.0005 U
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					0.00032 U
1,2-Dichloropropane	78-87-5		700							0.0032 U
1,2,4-Trichlorobenzene	120-82-1		20	3.4						0.00039 U
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					0.0012 U
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					0.00033 U
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					0.00041 U
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					0.0009 U
2-Butanone	78-93-3	0.12	100	0.3	500					0.0023 U
2-Hexanone	591-78-6									0.0032 U
4-Methyl-2-pentanone	108-10-1			1						0.0021 U
Acetone	67-64-1	0.05	2.2	0.05	500					0.0054 U
Benzene	71-43-2	0.06	70	0.06	44					0.00031 U
Bromodichloromethane	75-27-4									0.00086 U
Bromoform	75-25-2									0.0032 U
Bromomethane	74-83-9									0.00058 U
Carbon disulfide	75-15-0			2.7						0.0032 U
Carbon Tetrachloride	56-23-5	0.76		0.76	22					0.00062 U
Chlorobenzene	108-90-7	1.1	40	1.1	500					0.00084 U
Chloroethane	75-00-3			1.9						0.0014 U
Chloroform	67-66-3	0.37	12	0.37	350					0.0004 U
Chloromethane	74-87-3									0.00039 U
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					0.00082 U
cis-1,3-Dichloropropene	10061-01-5									0.00092 U
Cyclohexane	110-82-7									0.0009 U
Dibromochloromethane	124-48-1		10							0.00082 U
Dichlorodifluoromethane	75-71-8									0.00053 U
Ethylbenzene	100-41-4	1		1	390					0.00044 U
Isopropylbenzene	98-82-8			2.3						0.00096 U
m,p-Xylene	179601-23-1									0.0011 U
Methyl Acetate	79-20-9									0.0039 U
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					0.00063 U
Methylcyclohexane	108-87-2									0.00097 U
Methylene Chloride	75-09-2	0.05	12	0.05	500					0.0029 U
n-Butylbenzene	104-51-8	12		12	500					0.00056 U
n-Propylbenzene	103-65-1	3.9		3.9	500					0.00051 U
o-Xylene	95-47-6									0.00084 U
sec-Butylbenzene	135-98-8	11		11	500					0.00056 U
Styrene	100-42-5		300							0.00032 U
tert-Butylbenzene	98-06-6	5.9		5.9	500					0.00067 U
Tetrachloroethene	127-18-4	1.3	2	1.3	150					0.00086 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-28	SHL-28	SHL-3	SHL-3
							SHL-28-(12-24)	SHL-28-(6-12)	SHL-3-(0-6)	SHL-3-(12-24)
							02/12/2024	02/12/2024	02/16/2024	02/16/2024
Toluene	108-88-3	0.7	36	0.7	500					0.00048 <i>U</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					0.00066 <i>U</i>
trans-1,3-Dichloropropene	10061-02-6									0.0028 <i>U</i>
Trichloroethylene	79-01-6	0.47	2	0.47	200					0.0014 <i>U</i>
Trichlorofluoromethane	75-69-4									0.00061 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	13					0.00078 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	500					0.0011 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-3	SHL-4	SHL-4	SHL-4
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-3-(6-12)	SHL-4-(0-6)	SHL-4-(12-24)	SHL-4-(6-12)
						Sample Date	02/16/2024	02/16/2024	02/16/2024	02/16/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		R	0.54 UJ	0.47 UJ	0.53 UJ
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						0.012 U
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						0.0059 U
Dichlorprop	120-36-5									0.0092 U
Picloram	1918-02-1									0.0079 U
Silvex	93-72-1	3.8		3.8	500					0.0066 U
Metals (mg/kg)										
Aluminum	7429-90-5		10000				7270	12100	11200	10500
Antimony	7440-36-0		12				2.3 J	0.95 J	2.6 J	2.5 J
Arsenic	7440-38-2	13	13	16	16		92.7	16.7	35.1	34.4
Barium	7440-39-3	350	433	820	400		76.4	167	84.4	146
Beryllium	7440-41-7	7.2	10	47	590		0.37	0.79	0.67	0.71
Cadmium	7440-43-9	2.5	4	7.5	9.3		4.5	0.098 J	5.1	3.5
Calcium	7440-70-2		10000				2610 J	3910	11500 J	4750
Chromium ^g	7440-47-3	1	1	19	400		10.1	14.5	11.9	12.9
Cobalt	7440-48-4		20				5.6	11.7	7.9	9.6
Copper	7440-50-8	50	50	1720	270		37.4	12	92	177
Iron	7439-89-6						14500	23600	14000	19000
Lead	7439-92-1	63	63	450	1000		3470 J	26.9	981 J	754
Magnesium	7439-95-4						1710	4230	1890	2440
Manganese	7439-96-5	1600	1600	2000	10000		344 J	258 J	306 J	380 J
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.17	0.009 J	0.29 J	0.21 J
Nickel	7440-02-0	30	30	130	310		16	22.4	18.9	20.2
Potassium	7440-09-7						977	2070	1080	1660
Selenium	7782-49-2	3.9	3.9	4	1500		1.1 J	0.43 U	0.72 J	0.8 J
Silver	7440-22-4	2	2	8.3	1500		0.23 U	0.21 U	0.24 U	0.23 U
Sodium	7440-23-5						242	70.2 J	260	137 J
Thallium	7440-28-0		5				0.35 U	0.32 U	0.36 U	0.35 U
Vanadium	7440-62-2		39				14.5	18.8	17.7	18.2
Zinc	7440-66-6	109	109	2480	10000		129	53.6	650	490
TCLP Metals (mg/L)										
Arsenic	7440-38-2									0.0059 J
Barium	7440-39-3									1.2
Cadmium	7440-43-9									0.047
Chromium	7440-47-3									0.01 U
Lead	7439-92-1									2.1
Mercury	7439-97-6									0.000043 U
Selenium	7782-49-2									0.0087 U
Silver	7440-22-4									0.0017 U

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-3	SHL-4	SHL-4	SHL-4
							SHL-3-(6-12) 02/16/2024	SHL-4-(0-6) 02/16/2024	SHL-4-(12-24) 02/16/2024	SHL-4-(6-12) 02/16/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									0.00018 <i>U</i>
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									0.00045 <i>U</i>
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									0.000045 <i>U</i>
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									0.0011 <i>U</i>
3:3 perfluorohexanoic acid	356-02-5									0.00023 <i>U</i>
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									0.00018 <i>U</i>
4:2 fluorotelomer sulfonate	757124-72-4									0.00018 <i>U</i>
6:2 Fluorotelomer sulfonic acid	27619-97-2									0.00018 <i>U</i>
7:3 FTCA	812-70-4									0.0011 <i>U</i>
8:2 Fluorotelomer sulfonic acid	39108-34-4									0.00018 <i>U</i>
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									0.00018 <i>U</i>
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									0.00018 <i>U</i>
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									0.00045 <i>U</i>
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									0.000045 <i>U</i>
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									0.000045 <i>U</i>
N-methylperfluoro-1-octanesulfonamide	31506-32-8									0.000045 <i>U</i>
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									0.00009 <i>U</i>
Perfluoro-3-methoxypropanoic acid	377-73-1									0.00009 <i>U</i>
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									0.00009 <i>U</i>
Perfluoro(4-methoxybutanoic) acid	863090-89-5									0.00009 <i>U</i>
Perfluorobutanesulfonic acid (PFBS)	375-73-5									0.000045 <i>U</i>
Perfluorobutanoic acid	375-22-4									0.00018 <i>U</i>
Perfluorodecanesulfonic acid (PFDS)	335-77-3									0.000045 <i>U</i>
Perfluorodecanoic acid	335-76-2									0.000045 <i>U</i>
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									0.000045 <i>U</i>
Perfluorododecanoic Acid	307-55-1									0.000045 <i>U</i>
Perfluoroheptanesulfonic acid	375-92-8									0.000045 <i>U</i>
Perfluoroheptanoic acid	375-85-9									0.000064 <i>J</i>
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									0.000045 <i>U</i>
Perfluorohexanoic acid	307-24-4									0.000058 <i>J</i>
Perfluorononanesulfonic acid	68259-12-1									0.000045 <i>U</i>
Perfluorononanoic acid	375-95-1									0.000056 <i>J</i>
Perfluorooctanesulfonamide (PFOSA)	754-91-6									0.000045 <i>U</i>
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					0.00024
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					0.00017 <i>J</i>
Perfluoropentanesulfonic acid	2706-91-4									0.000045 <i>U</i>
Perfluoropentanoic Acid	2706-90-3									0.00009 <i>U</i>
Perfluorotetradecanoic Acid	376-06-7									0.000045 <i>U</i>
Perfluorotridecanoic Acid	72629-94-8									0.000045 <i>U</i>
Perfluoroundecanoic Acid	2058-94-8									0.000045 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-3	SHL-4	SHL-4	SHL-4
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-3-(6-12)	SHL-4-(0-6)	SHL-4-(12-24)	SHL-4-(6-12)
						Sample Date	02/16/2024	02/16/2024	02/16/2024	02/16/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					0.0036 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					0.0039 <i>U</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					0.016 <i>J</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.68					0.0045 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					0.0033 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	3					0.0033 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					0.0091 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	500					0.0034 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					0.0044 <i>U</i>
Endosulfan I	959-98-8	2.4		102	200					0.0035 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	200					0.0033 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	200					0.0072 <i>J</i>
Endrin	72-20-8	0.014	0.014	0.06	89					0.016 <i>J</i>
Endrin aldehyde	7421-93-4									0.0047 <i>U</i>
Endrin ketone	53494-70-5									0.016 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					0.0034 <i>U</i>
gamma-Chlordane	5566-34-7			14						0.0058 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	15					0.004 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02						0.0047 <i>U</i>
Methoxychlor	72-43-5		1.2	900						0.028 <i>J</i>
Toxaphene	8001-35-2									0.11 <i>U</i>
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									44.5 <i>U</i>
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					0.039 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1					0.039 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1					0.039 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1					0.039 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1					0.039 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1					0.094 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1					0.094 <i>U</i>
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.37 <i>U</i>	0.19 <i>UJ</i>	1 <i>J</i>	0.37 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.27 <i>U</i>	0.14 <i>UJ</i>	0.28 <i>U</i>	0.27 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.36 <i>J</i>	0.12 <i>UJ</i>	4.1	3.2
Anthracene	120-12-7	100		1000	500		0.46 <i>U</i>	0.23 <i>UJ</i>	3.5	1.2 <i>J</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.64 <i>J</i>	0.15 <i>J</i>	<u>12</u>	<u>9.8</u>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.79 <i>J</i>	0.14 <i>UJ</i>	8.4	7.4
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		1 <i>J</i>	0.18 <i>J</i>	<u>12</u>	<u>10</u>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.46 <i>J</i>	0.098 <i>UJ</i>	2.8	2.9
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.52 <i>J</i>	0.12 <i>UJ</i>	<u>6.1</u>	<u>5.4</u>
Chrysene	218-01-9	1		1	56		0.7 <i>J</i>	0.21 <i>UJ</i>	<u>10</u>	<u>8.8</u>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.33 <i>U</i>	0.16 <i>UJ</i>	<u>1</u> <i>J</i>	<u>0.98</u> <i>J</i>
Fluoranthene	206-44-0	100		1000	500		1.2 <i>J</i>	0.26 <i>J</i>	20	13
Fluorene	86-73-7	30	30	386	500		0.22 <i>U</i>	0.11 <i>UJ</i>	3.5	0.85 <i>J</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.37 <i>J</i>	0.11 <i>UJ</i>	3.2	3
Naphthalene	91-20-3	12		12	500		0.24 <i>U</i>	0.12 <i>UJ</i>	1 <i>J</i>	0.27 <i>J</i>
Phenanthrene	85-01-8	100		1000	500		0.47 <i>J</i>	0.14 <i>UJ</i>	9.7	3.6
Pyrene	129-00-0	100		1000	500		0.91 <i>J</i>	0.23 <i>J</i>	19	16
1,1'-Biphenyl	92-52-4		60				0.27 <i>U</i>	0.14 <i>UJ</i>	0.28 <i>U</i>	0.27 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-3	SHL-4	SHL-4	SHL-4
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-3-(6-12) 02/16/2024	SHL-4-(0-6) 02/16/2024	SHL-4-(12-24) 02/16/2024	SHL-4-(6-12) 02/16/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					0.6 <i>U</i>
2-Chloronaphthalene	91-58-7						0.31 <i>U</i>	0.15 <i>UJ</i>	0.32 <i>U</i>	0.31 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.34 <i>U</i>	0.17 <i>U</i>	0.35 <i>U</i>	0.34 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.22 <i>U</i>	0.11 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.27 <i>U</i>	0.14 <i>UJ</i>	0.28 <i>U</i>	0.27 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.52 <i>U</i>	0.26 <i>U</i>	0.54 <i>U</i>	0.53 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.37 <i>U</i>	0.19 <i>UJ</i>	0.38 <i>U</i>	0.37 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.2 <i>U</i>	0.098 <i>U</i>	0.2 <i>U</i>	0.2 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.45 <i>U</i>	0.22 <i>U</i>	0.46 <i>U</i>	0.45 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			8.5 <i>U</i>	4.3 <i>U</i>	8.9 <i>U</i>	8.6 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.38 <i>U</i>	0.19 <i>UJ</i>	0.4 <i>U</i>	0.38 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.5 <i>U</i>	0.25 <i>U</i>	0.52 <i>U</i>	0.5 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.37 <i>U</i>	0.19 <i>U</i>	0.38 <i>U</i>	0.37 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.22 <i>U</i>	0.11 <i>UJ</i>	0.23 <i>U</i>	0.22 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.51 <i>U</i>	0.26 <i>UJ</i>	0.53 <i>U</i>	0.51 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						2.2 <i>U</i>	1.1 <i>UJ</i>	2.3 <i>U</i>	2.2 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.26 <i>U</i>	0.13 <i>UJ</i>	0.27 <i>U</i>	0.26 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.46 <i>U</i>	0.23 <i>U</i>	0.47 <i>U</i>	0.46 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.46 <i>U</i>	0.23 <i>UJ</i>	0.47 <i>U</i>	0.46 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.23 <i>U</i>	0.11 <i>UJ</i>	0.24 <i>U</i>	0.23 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.22 <i>U</i>	0.11 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
4-Nitroaniline	100-01-6						0.97 <i>U</i>	0.49 <i>UJ</i>	1 <i>U</i>	0.97 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			1.3 <i>U</i>	0.65 <i>U</i>	1.3 <i>U</i>	1.3 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1.9 <i>U</i>	0.93 <i>U</i>	1.9 <i>U</i>	1.9 <i>U</i>
Acetophenone	98-86-2						0.25 <i>U</i>	0.13 <i>UJ</i>	0.26 <i>U</i>	0.25 <i>U</i>
Atrazine	1912-24-9						0.64 <i>U</i>	0.32 <i>UJ</i>	0.67 <i>U</i>	0.65 <i>U</i>
Benzaldehyde	100-52-7						1.5 <i>UJ</i>	0.74 <i>UJ</i>	1.5 <i>U</i>	1.5 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.24 <i>U</i>	0.12 <i>UJ</i>	0.25 <i>U</i>	0.24 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.39 <i>U</i>	0.2 <i>UJ</i>	0.41 <i>U</i>	0.39 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.63 <i>U</i>	0.32 <i>UJ</i>	0.66 <i>U</i>	0.64 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.31 <i>U</i>	0.15 <i>UJ</i>	0.32 <i>U</i>	0.31 <i>U</i>
Carbazole	86-74-8						0.22 <i>U</i>	0.11 <i>UJ</i>	0.95 <i>J</i>	0.3 <i>J</i>
Caprolactam	105-60-2						0.56 <i>U</i>	0.28 <i>UJ</i>	0.58 <i>U</i>	0.56 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.32 <i>U</i>	0.16 <i>UJ</i>	0.33 <i>U</i>	0.32 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.22 <i>U</i>	0.11 <i>UJ</i>	0.23 <i>U</i>	0.22 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.22 <i>U</i>	0.11 <i>UJ</i>	1.4 <i>J</i>	0.28 <i>J</i>
Diethyl phthalate	84-66-2		100	7.1			0.24 <i>U</i>	0.12 <i>UJ</i>	0.25 <i>U</i>	0.24 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.22 <i>U</i>	0.11 <i>UJ</i>	0.23 <i>U</i>	0.22 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.25 <i>U</i>	0.13 <i>UJ</i>	0.26 <i>U</i>	0.25 <i>U</i>
Hexachlorobutadiene	87-68-3						0.27 <i>U</i>	0.14 <i>UJ</i>	0.28 <i>U</i>	0.27 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.25 <i>U</i>	0.13 <i>UJ</i>	0.26 <i>U</i>	0.25 <i>U</i>
Hexachloroethane	67-72-1						0.24 <i>U</i>	0.12 <i>UJ</i>	0.25 <i>U</i>	0.24 <i>U</i>
Isophorone	78-59-1			4.4			0.39 <i>U</i>	0.2 <i>UJ</i>	0.41 <i>U</i>	0.39 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.32 <i>U</i>	0.16 <i>UJ</i>	0.33 <i>U</i>	0.32 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				1.5 <i>U</i>	0.75 <i>UJ</i>	1.6 <i>U</i>	1.5 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.21 <i>U</i>	0.1 <i>UJ</i>	0.21 <i>U</i>	0.21 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		1.9 <i>U</i>	0.93 <i>U</i>	1.9 <i>U</i>	0.006 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.28 <i>U</i>	0.14 <i>U</i>	0.29 <i>U</i>	0.28 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-3	SHL-4	SHL-4	SHL-4
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-3-(6-12)	SHL-4-(0-6)	SHL-4-(12-24)	SHL-4-(6-12)
						Sample Date	02/16/2024	02/16/2024	02/16/2024	02/16/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					0.00067 U
1,1-Dichloroethene	75-35-4	0.33		0.33	500					0.00067 U
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					0.0004 U
1,1,1,2-Tetrachloroethane	630-20-6									0.00055 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						0.0013 U
1,1,2-Trichloroethane	79-00-5									0.00072 U
1,1,2,2-Tetrachloroethane	79-34-5			0.6						0.00089 U
1,2-Dibromo-3-chloropropane	96-12-8									0.0028 U
1,2-Dibromoethane	106-93-4									0.00071 U
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					0.00043 U
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					0.00028 U
1,2-Dichloropropane	78-87-5		700							0.0028 U
1,2,4-Trichlorobenzene	120-82-1		20	3.4						0.00033 U
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					0.0011 U
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					0.00028 U
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					0.00035 U
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					0.00077 U
2-Butanone	78-93-3	0.12	100	0.3	500					0.002 U
2-Hexanone	591-78-6									0.0028 U
4-Methyl-2-pentanone	108-10-1			1						0.0018 U
Acetone	67-64-1	0.05	2.2	0.05	500					0.0046 U
Benzene	71-43-2	0.06	70	0.06	44					0.00027 U
Bromodichloromethane	75-27-4									0.00074 U
Bromoform	75-25-2									0.0028 U
Bromomethane	74-83-9									0.0005 U
Carbon disulfide	75-15-0			2.7						0.0028 U
Carbon Tetrachloride	56-23-5	0.76		0.76	22					0.00053 U
Chlorobenzene	108-90-7	1.1	40	1.1	500					0.00073 U
Chloroethane	75-00-3			1.9						0.0012 U
Chloroform	67-66-3	0.37	12	0.37	350					0.00034 U
Chloromethane	74-87-3									0.00033 U
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					0.0007 U
cis-1,3-Dichloropropene	10061-01-5									0.00079 U
Cyclohexane	110-82-7									0.00077 U
Dibromochloromethane	124-48-1		10							0.0007 U
Dichlorodifluoromethane	75-71-8									0.00045 U
Ethylbenzene	100-41-4	1		1	390					0.00038 U
Isopropylbenzene	98-82-8			2.3						0.00083 U
m,p-Xylene	179601-23-1									0.00093 U
Methyl Acetate	79-20-9									0.0033 U
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					0.00054 U
Methylcyclohexane	108-87-2									0.00084 U
Methylene Chloride	75-09-2	0.05	12	0.05	500					0.0025 U
n-Butylbenzene	104-51-8	12		12	500					0.00048 U
n-Propylbenzene	103-65-1	3.9		3.9	500					0.00044 U
o-Xylene	95-47-6									0.00072 U
sec-Butylbenzene	135-98-8	11		11	500					0.00048 U
Styrene	100-42-5		300							0.00028 U
tert-Butylbenzene	98-06-6	5.9		5.9	500					0.00057 U
Tetrachloroethene	127-18-4	1.3	2	1.3	150					0.00074 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-3	SHL-4	SHL-4	SHL-4
							SHL-3-(6-12)	SHL-4-(0-6)	SHL-4-(12-24)	SHL-4-(6-12)
							02/16/2024	02/16/2024	02/16/2024	02/16/2024
Toluene	108-88-3	0.7	36	0.7	500					0.00042 <i>U</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					0.00057 <i>U</i>
trans-1,3-Dichloropropene	10061-02-6									0.0024 <i>U</i>
Trichloroethylene	79-01-6	0.47	2	0.47	200					0.0012 <i>U</i>
Trichlorofluoromethane	75-69-4									0.00052 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	13					0.00067 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	500					0.00093 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-5	SHL-5	SHL-5	SHL-6	SHL-6
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-5-(0-6)	SHL-5-(12-24)	SHL-5-(6-12)	FDUP_021624	SHL-6-(0-12)
						Sample Date	02/16/2024	02/16/2024	02/16/2024	02/16/2024	02/16/2024
General Chemistry (mg/kg)											
Cyanide	57-12-5	27		40	27		0.6 <i>UJ</i>	0.7 <i>J</i>	0.51 <i>UJ</i>	0.49 <i>U</i>	
Herbicides (mg/kg)											
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5							0.014
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9							0.0069
Dichlorprop	120-36-5										0.011
Picloram	1918-02-1										0.0093
Silvex	93-72-1	3.8		3.8	500						0.0077
Metals (mg/kg)											
Aluminum	7429-90-5		10000				8380	8210	6990	14600	12000
Antimony	7440-36-0		12				2.6 <i>J</i>	2.3 <i>J</i>	1.9 <i>J</i>	1.7 <i>J</i>	1
Arsenic	7440-38-2	13	13	16	16		82.2	42.5	59.9	11	10.2
Barium	7440-39-3	350	433	820	400		146	120	88	180	149
Beryllium	7440-41-7	7.2	10	47	590		0.64	0.62	0.54	0.66	0.59
Cadmium	7440-43-9	2.5	4	7.5	9.3		3.3	3.7	4	1	0.34
Calcium	7440-70-2		10000				4590	5850	7840	2430	2140
Chromium ^g	7440-47-3	1	1	19	400		13.8	12.4	12.6	18.9	17.3
Cobalt	7440-48-4		20				17.2	8.4	6.7	11.9	10.6
Copper	7440-50-8	50	50	1720	270		94.7	97.8	71.9	32.4	20.1
Iron	7439-89-6						21200	17600	15400	27500	21800
Lead	7439-92-1	63	63	450	1000		555	618	670	88.3	56
Magnesium	7439-95-4						2080	2240	1760	3500	3100
Manganese	7439-96-5	1600	1600	2000	10000		371 <i>J</i>	360 <i>J</i>	260 <i>J</i>	443 <i>J</i>	527
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.54 <i>J</i>	0.71 <i>J</i>	0.53 <i>J</i>	0.037 <i>J</i>	0.057
Nickel	7440-02-0	30	30	130	310		37.4	19.5	16.3	27.2	22.4
Potassium	7440-09-7						1240	1120	1020	1550	1690
Selenium	7782-49-2	3.9	3.9	4	1500		0.87 <i>J</i>	0.91 <i>J</i>	1.9 <i>J</i>	0.74 <i>J</i>	0.51
Silver	7440-22-4	2	2	8.3	1500		0.28 <i>U</i>	0.23 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>	0.26
Sodium	7440-23-5						95.6 <i>J</i>	95.2 <i>J</i>	139 <i>J</i>	231	195
Thallium	7440-28-0		5				0.42 <i>U</i>	0.34 <i>U</i>	0.31 <i>U</i>	0.34 <i>U</i>	0.38
Vanadium	7440-62-2		39				17.8	17.2	16.1	24.4	20.3
Zinc	7440-66-6	109	109	2480	10000		378	531	321	104	78.8
TCLP Metals (mg/L)											
Arsenic	7440-38-2										0.0056
Barium	7440-39-3										0.46
Cadmium	7440-43-9										0.0011
Chromium	7440-47-3										0.01
Lead	7439-92-1										0.0077
Mercury	7439-97-6										0.000043
Selenium	7782-49-2										0.0087
Silver	7440-22-4										0.0017

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-5	SHL-5	SHL-5	SHL-6	SHL-6
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-5-(0-6)	SHL-5-(12-24)	SHL-5-(6-12)	FDUP_021624	SHL-6-(0-6)
						Sample Date	02/16/2024	02/16/2024	02/16/2024	02/16/2024	02/16/2024
Per- and Polyfluoroalkyl Substances (mg/kg)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9										0.00021
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7										0.00052
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9										0.000052
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3										0.0013
3:3 perfluorohexanoic acid	356-02-5										0.00026
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4										0.00021
4:2 fluorotelomer sulfonate	757124-72-4										0.00021
6:2 Fluorotelomer sulfonic acid	27619-97-2										0.00021
7:3 FTCA	812-70-4										0.0013
8:2 Fluorotelomer sulfonic acid	39108-34-4										0.00021
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1										0.00021
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6										0.00021
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2										0.00052
N-ethylperfluoro-1-octanesulfonamide	4151-50-2										0.000052
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6										0.000052
N-methylperfluoro-1-octanesulfonamide	31506-32-8										0.000052
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6										0.0001
Perfluoro-3-methoxypropanoic acid	377-73-1										0.0001
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7										0.0001
Perfluoro(4-methoxybutanoic) acid	863090-89-5										0.0001
Perfluorobutanesulfonic acid (PFBS)	375-73-5										0.000052
Perfluorobutanoic acid	375-22-4										0.000394
Perfluorodecanesulfonic acid (PFDS)	335-77-3										0.000052
Perfluorodecanoic acid	335-76-2										0.0000807
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5										0.000052
Perfluorododecanoic Acid	307-55-1										0.0000656
Perfluoroheptanesulfonic acid	375-92-8										0.000052
Perfluoroheptanoic acid	375-85-9										0.000104
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4										0.000052
Perfluorohexanoic acid	307-24-4										0.000064
Perfluorononanesulfonic acid	68259-12-1										0.000052
Perfluorononanoic acid	375-95-1										0.000071
Perfluorooctanesulfonamide (PFOSA)	754-91-6										0.0000615
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44						0.000324
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5						0.000117
Perfluoropentanesulfonic acid	2706-91-4										0.000052
Perfluoropentanoic Acid	2706-90-3										0.0001
Perfluorotetradecanoic Acid	376-06-7										0.000052
Perfluorotridecanoic Acid	72629-94-8										0.000053
Perfluoroundecanoic Acid	2058-94-8										0.0000913

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-5	SHL-5	SHL-5	SHL-6	SHL-6
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SHL-5-(0-6) 02/16/2024	SHL-5-(12-24) 02/16/2024	SHL-5-(6-12) 02/16/2024	FDUP_021624 02/16/2024	SHL-6-(0-6) 02/16/2024
Pesticides (mg/kg)											
4,4'-DDD	72-54-8	0.0033	0.0033	14	92						0.00041
4,4'-DDE	72-55-9	0.0033	0.0033	17	62						0.00044
4,4'-DDT	50-29-3	0.0033	0.0033	136	47						0.0024
Aldrin	309-00-2	0.005		0.19	0.68						0.00052
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4						0.00038
beta-BHC	319-85-7	0.036	0.6	0.09	3						0.00038
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24						0.0011
delta-BHC	319-86-8	0.04	0.04	0.25	500						0.00039
Dieldrin	60-57-1	0.005	0.006	0.1	1.4						0.00051
Endosulfan I	959-98-8	2.4		102	200						0.00041
Endosulfan II	33213-65-9	2.4		102	200						0.00038
Endosulfan sulfate	1031-07-8	2.4		1000	200						0.00039
Endrin	72-20-8	0.014	0.014	0.06	89						0.00042
Endrin aldehyde	7421-93-4										0.00054
Endrin ketone	53494-70-5										0.0019
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2						0.00039
gamma-Chlordane	5566-34-7			14							0.00067
Heptachlor	76-44-8	0.042	0.14	0.38	15						0.00046
Heptachlor epoxide	1024-57-3			0.02							0.00055
Methoxychlor	72-43-5		1.2	900							0.00069
Toxaphene	8001-35-2										0.012
Petroleum (mg/kg)											
Hem (Oil & Grease)	CAS_NA_HEM										51.7
Polychlorinated Biphenyls (mg/kg)											
Aroclor 1016	12674-11-2	0.1	1	3.2	1						0.056
Aroclor 1221	11104-28-2	0.1	1	3.2	1						0.056
Aroclor 1232	11141-16-5	0.1	1	3.2	1						0.056
Aroclor 1242	53469-21-9	0.1	1	3.2	1						0.056
Aroclor 1248	12672-29-6	0.1	1	3.2	1						0.056
Aroclor 1254	11097-69-1	0.1	1	3.2	1						0.13
Aroclor 1260	11096-82-5	0.1	1	3.2	1						0.13
Semivolatile Organic Compounds (mg/kg)											
2-Methylnaphthalene	91-57-6			36.4			0.44 <i>U</i>	0.79 <i>U</i>	0.37 <i>J</i>	0.2 <i>UJ</i>	0.22
Acenaphthene	83-32-9	20	20	98	500		0.32 <i>U</i>	0.58 <i>U</i>	0.3 <i>J</i>	0.14 <i>UJ</i>	0.16
Acenaphthylene	208-96-8	100		107	500		1.9 <i>J</i>	2.9 <i>J</i>	2.5	0.13 <i>UJ</i>	0.22
Anthracene	120-12-7	100		1000	500		1 <i>J</i>	4	1.5 <i>J</i>	0.24 <i>UJ</i>	0.27
Benzo[a]anthracene	56-55-3	1		1	5.6		6.5	16	9.4	0.098 <i>UJ</i>	0.58
Benzo[a]pyrene	50-32-8	1	2.6	22	1		5.6	12	8.1	0.14 <i>UJ</i>	0.52
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		8.2	17	10	0.16 <i>UJ</i>	0.65
Benzo[g,h,i]perylene	191-24-2	100		1000	500		2.4	9.3	2.8	0.1 <i>UJ</i>	0.21
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		3.7	8.9	5.7	0.13 <i>UJ</i>	0.37
Chrysene	218-01-9	1		1	56		8	17	9	0.22 <i>UJ</i>	0.58
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.8 <i>J</i>	2.6 <i>J</i>	0.93 <i>J</i>	0.17 <i>UJ</i>	0.19
Fluoranthene	206-44-0	100		1000	500		12	26	15	0.1 <i>UJ</i>	1.1
Fluorene	86-73-7	30	30	386	500		0.35 <i>J</i>	0.84 <i>J</i>	0.69 <i>J</i>	0.12 <i>UJ</i>	0.13
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		2.4	6.8	2.9	0.12 <i>UJ</i>	0.2
Naphthalene	91-20-3	12		12	500		0.29 <i>U</i>	0.51 <i>U</i>	0.32 <i>J</i>	0.13 <i>UJ</i>	0.14
Phenanthrene	85-01-8	100		1000	500		3.9	7.4	4.3	0.14 <i>UJ</i>	0.5
Pyrene	129-00-0	100		1000	500		13	34	14	0.12 <i>UJ</i>	0.81
1,1'-Biphenyl	92-52-4		60				0.32 <i>U</i>	0.58 <i>U</i>	0.26 <i>U</i>	0.14 <i>UJ</i>	0.16

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-5	SHL-5	SHL-5	SHL-6	SHL-6
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-5-(0-6) 02/16/2024	SHL-5-(12-24) 02/16/2024	SHL-5-(6-12) 02/16/2024	FDUP_021624 02/16/2024	SHL-6-(0- 02/16/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130						0.36
2-Chloronaphthalene	91-58-7						0.36 <i>U</i>	0.65 <i>U</i>	0.29 <i>U</i>	0.16 <i>UJ</i>	0.18
2-Chlorophenol	95-57-8		0.8				0.4 <i>U</i>	0.72 <i>U</i>	0.32 <i>U</i>	0.18 <i>U</i>	0.2
2-Methylphenol	95-48-7	0.33		0.33	500		0.26 <i>U</i>	0.47 <i>U</i>	0.21 <i>U</i>	0.12 <i>U</i>	0.13
2-Nitroaniline	88-74-4			0.4			0.32 <i>U</i>	0.58 <i>U</i>	0.26 <i>U</i>	0.14 <i>UJ</i>	0.16
2-Nitrophenol	88-75-5		7	0.3			0.62 <i>U</i>	1.1 <i>U</i>	0.5 <i>U</i>	0.28 <i>U</i>	0.31
2,2'-oxybis(1-Chloropropane)	108-60-1						0.44 <i>U</i>	0.79 <i>U</i>	0.35 <i>U</i>	0.2 <i>UJ</i>	0.22
2,4-Dichlorophenol	120-83-2		20	0.4			0.23 <i>U</i>	0.42 <i>U</i>	0.19 <i>U</i>	0.1 <i>U</i>	0.12
2,4-Dimethylphenol	105-67-9						0.53 <i>U</i>	0.95 <i>U</i>	0.43 <i>U</i>	0.24 <i>U</i>	0.27
2,4-Dinitrophenol	51-28-5		20	0.2			10 <i>U</i>	18 <i>U</i>	8.2 <i>U</i>	4.5 <i>U</i>	5.1
2,4-Dinitrotoluene	121-14-2						0.45 <i>U</i>	0.81 <i>U</i>	0.37 <i>U</i>	0.2 <i>UJ</i>	0.23
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.6 <i>U</i>	1.1 <i>U</i>	0.48 <i>U</i>	0.27 <i>U</i>	0.3
2,4,6-Trichlorophenol	88-06-2		10				0.44 <i>U</i>	0.79 <i>U</i>	0.35 <i>U</i>	0.2 <i>U</i>	0.22
2,6-Dinitrotoluene	606-20-2			1			0.26 <i>U</i>	0.47 <i>U</i>	0.21 <i>U</i>	0.12 <i>UJ</i>	0.13
3-Nitroaniline	99-09-2			0.5			0.61 <i>U</i>	1.1 <i>U</i>	0.49 <i>U</i>	0.27 <i>UJ</i>	0.3
3,3'-Dichlorobenzidine	91-94-1						2.6 <i>U</i>	4.7 <i>U</i>	2.1 <i>U</i>	1.2 <i>UJ</i>	1.3
4-Bromophenyl-phenylether	101-55-3						0.31 <i>U</i>	0.56 <i>U</i>	0.25 <i>U</i>	0.14 <i>UJ</i>	0.16
4-Chloro-3-methylphenol	59-50-7						0.54 <i>U</i>	0.98 <i>U</i>	0.44 <i>U</i>	0.24 <i>U</i>	0.27
4-Chloroaniline	106-47-8			0.22			0.54 <i>U</i>	0.98 <i>U</i>	0.44 <i>U</i>	0.24 <i>UJ</i>	0.27
4-Chlorophenyl-phenyl ether	7005-72-3						0.27 <i>U</i>	0.49 <i>U</i>	0.22 <i>U</i>	0.12 <i>UJ</i>	0.14
4-Methylphenol	106-44-5	0.33		0.33	500		0.26 <i>U</i>	0.47 <i>U</i>	0.21 <i>U</i>	0.12 <i>U</i>	0.13
4-Nitroaniline	100-01-6						1.2 <i>U</i>	2.1 <i>U</i>	0.93 <i>U</i>	0.51 <i>UJ</i>	0.58
4-Nitrophenol	100-02-7		7	0.1			1.5 <i>U</i>	2.8 <i>U</i>	1.2 <i>U</i>	0.69 <i>U</i>	0.77
4,6-Dinitro-O-cresol	534-52-1						2.2 <i>U</i>	4 <i>U</i>	1.8 <i>U</i>	0.98 <i>U</i>	1.1
Acetophenone	98-86-2						0.3 <i>U</i>	0.54 <i>U</i>	0.24 <i>U</i>	0.13 <i>UJ</i>	0.15
Atrazine	1912-24-9						0.77 <i>U</i>	1.4 <i>U</i>	0.62 <i>U</i>	0.34 <i>UJ</i>	0.38
Benzaldehyde	100-52-7						1.8 <i>U</i>	3.1 <i>U</i>	1.4 <i>U</i>	0.78 <i>UJ</i>	0.87
Bis(2-chloroethyl)ether	111-44-4						0.29 <i>U</i>	0.51 <i>U</i>	0.23 <i>U</i>	0.13 <i>UJ</i>	0.14
bis(2-Chloroethoxy)methane	111-91-1						0.47 <i>U</i>	0.84 <i>U</i>	0.38 <i>U</i>	0.21 <i>UJ</i>	0.23
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.75 <i>U</i>	1.4 <i>U</i>	0.61 <i>U</i>	0.34 <i>UJ</i>	0.38
Butyl benzyl phthalate	85-68-7			122			0.36 <i>U</i>	0.65 <i>U</i>	0.29 <i>U</i>	0.16 <i>UJ</i>	0.18
Carbazole	86-74-8						0.26 <i>U</i>	0.47 <i>U</i>	0.4 <i>J</i>	0.12 <i>UJ</i>	0.13
Caprolactam	105-60-2						0.66 <i>U</i>	1.2 <i>U</i>	0.53 <i>U</i>	0.29 <i>UJ</i>	0.33
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.38 <i>U</i>	0.68 <i>U</i>	0.3 <i>U</i>	0.17 <i>UJ</i>	0.19
Di-n-octylphthalate	117-84-0			120			0.26 <i>U</i>	0.47 <i>U</i>	0.21 <i>U</i>	0.12 <i>UJ</i>	0.13
Dibenzofuran	132-64-9	7		6.2	350		0.26 <i>U</i>	0.47 <i>U</i>	0.27 <i>J</i>	0.12 <i>UJ</i>	0.13
Diethyl phthalate	84-66-2		100	7.1			0.29 <i>U</i>	0.51 <i>U</i>	0.23 <i>U</i>	0.13 <i>UJ</i>	0.14
Dimethyl phthalate	131-11-3		200	27			0.26 <i>U</i>	0.47 <i>U</i>	0.21 <i>U</i>	0.12 <i>UJ</i>	0.13
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.3 <i>U</i>	0.54 <i>U</i>	0.24 <i>U</i>	0.13 <i>UJ</i>	0.15
Hexachlorobutadiene	87-68-3						0.32 <i>U</i>	0.58 <i>U</i>	0.26 <i>U</i>	0.14 <i>UJ</i>	0.16
Hexachlorocyclopentadiene	77-47-4		10				0.3 <i>U</i>	0.54 <i>U</i>	0.24 <i>U</i>	0.13 <i>UJ</i>	0.15
Hexachloroethane	67-72-1						0.29 <i>U</i>	0.51 <i>U</i>	0.23 <i>U</i>	0.13 <i>UJ</i>	0.14
Isophorone	78-59-1			4.4			0.47 <i>U</i>	0.84 <i>U</i>	0.38 <i>U</i>	0.21 <i>UJ</i>	0.23
N-Nitrosodi-n-propylamine	621-64-7						0.38 <i>U</i>	0.68 <i>U</i>	0.3 <i>U</i>	0.17 <i>UJ</i>	0.19
N-Nitrosodiphenylamine	86-30-6		20				1.8 <i>U</i>	3.2 <i>U</i>	1.4 <i>U</i>	0.8 <i>UJ</i>	0.89
Nitrobenzene	98-95-3		40	0.17	69		0.25 <i>U</i>	0.44 <i>U</i>	0.2 <i>U</i>	0.11 <i>UJ</i>	0.12
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		2.2 <i>U</i>	4 <i>U</i>	1.8 <i>U</i>	0.98 <i>U</i>	0.007
Phenol	108-95-2	0.33	30	0.33	500		0.34 <i>U</i>	0.61 <i>U</i>	0.27 <i>U</i>	0.15 <i>U</i>	0.17

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-5	SHL-5	SHL-5	SHL-6	SHL-6
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SHL-5-(0-6) 02/16/2024	SHL-5-(12-24) 02/16/2024	SHL-5-(6-12) 02/16/2024	FDUP_021624 02/16/2024	SHL-6-(0-6) 02/16/2024
Volatile Organic Compounds (mg/kg)											
1,1-Dichloroethane	75-34-3	0.27		0.27	240						0.0007
1,1-Dichloroethene	75-35-4	0.33		0.33	500						0.0007
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500						0.00042
1,1,1,2-Tetrachloroethane	630-20-6										0.00057
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6							0.0013
1,1,2-Trichloroethane	79-00-5										0.00074
1,1,2,2-Tetrachloroethane	79-34-5			0.6							0.00093
1,2-Dibromo-3-chloropropane	96-12-8										0.0029
1,2-Dibromoethane	106-93-4										0.00074
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500						0.00045
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30						0.00029
1,2-Dichloropropane	78-87-5		700								0.0029
1,2,4-Trichlorobenzene	120-82-1		20	3.4							0.00035
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190						0.0011
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280						0.00029
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190						0.00037
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130						0.0008
2-Butanone	78-93-3	0.12	100	0.3	500						0.0021
2-Hexanone	591-78-6										0.0029
4-Methyl-2-pentanone	108-10-1			1							0.0019
Acetone	67-64-1	0.05	2.2	0.05	500						0.0055
Benzene	71-43-2	0.06	70	0.06	44						0.00028
Bromodichloromethane	75-27-4										0.00077
Bromoform	75-25-2										0.0029
Bromomethane	74-83-9										0.00052
Carbon disulfide	75-15-0			2.7							0.0029
Carbon Tetrachloride	56-23-5	0.76		0.76	22						0.00055
Chlorobenzene	108-90-7	1.1	40	1.1	500						0.00076
Chloroethane	75-00-3			1.9							0.0013
Chloroform	67-66-3	0.37	12	0.37	350						0.00035
Chloromethane	74-87-3										0.00035
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500						0.00073
cis-1,3-Dichloropropene	10061-01-5										0.00083
Cyclohexane	110-82-7										0.0008
Dibromochloromethane	124-48-1		10								0.00073
Dichlorodifluoromethane	75-71-8										0.00047
Ethylbenzene	100-41-4	1		1	390						0.0004
Isopropylbenzene	98-82-8			2.3							0.00086
m,p-Xylene	179601-23-1										0.00096
Methyl Acetate	79-20-9										0.0035
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500						0.00056
Methylcyclohexane	108-87-2										0.00087
Methylene Chloride	75-09-2	0.05	12	0.05	500						0.0026
n-Butylbenzene	104-51-8	12		12	500						0.0005
n-Propylbenzene	103-65-1	3.9		3.9	500						0.00046
o-Xylene	95-47-6										0.00075
sec-Butylbenzene	135-98-8	11		11	500						0.0005
Styrene	100-42-5		300								0.00029
tert-Butylbenzene	98-06-6	5.9		5.9	500						0.0006
Tetrachloroethene	127-18-4	1.3	2	1.3	150						0.00077

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-5	SHL-5	SHL-5	SHL-6	SHL-6
							SHL-5-(0-6) 02/16/2024	SHL-5-(12-24) 02/16/2024	SHL-5-(6-12) 02/16/2024	FDUP_021624 02/16/2024	SHL-6-(0- 02/16/2024
Toluene	108-88-3	0.7	36	0.7	500						0.00043
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500						0.00059
trans-1,3-Dichloropropene	10061-02-6										0.0025
Trichloroethylene	79-01-6	0.47	2	0.47	200						0.0013
Trichlorofluoromethane	75-69-4										0.00054
Vinyl Chloride	75-01-4	0.02		0.02	13						0.0007
Xylenes	1330-20-7	0.26	0.26	1.6	500						0.00096

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-6	SHL-6	SHL-7	SHL-7
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID 6) Sample Date 24	SHL-6-(12-24) 02/16/2024	SHL-6-(6-12) 02/16/2024	FDUP_021924 02/19/2024	SHL-7-(0-6) 02/23/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27	R	0.51 U	R	0.48 U	0.62 J
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5		U				0.013 U
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9		U				0.0068 U
Dichlorprop	120-36-5					U				0.011 U
Picloram	1918-02-1					U				0.0092 U
Silvex	93-72-1	3.8		3.8	500	U				0.0077 U
Metals (mg/kg)										
Aluminum	7429-90-5		10000				13500	10400	13300	11200 J
Antimony	7440-36-0		12			J	2.1 J	1.2 J	3.6 J	2.2 J
Arsenic	7440-38-2	13	13	16	16		11.9	8.8	6.4	14.9
Barium	7440-39-3	350	433	820	400		162	108	131	137
Beryllium	7440-41-7	7.2	10	47	590		0.67	0.43	0.5	0.51
Cadmium	7440-43-9	2.5	4	7.5	9.3		2.1	0.8	0.097 J	0.45
Calcium	7440-70-2		10000			J	2310	1580 J	1400 J	1940
Chromium ^g	7440-47-3	1	1	19	400		18.3	15.1	16.7	65.5 J
Cobalt	7440-48-4		20				12.2	9.5	10.1	14
Copper	7440-50-8	50	50	1720	270		28.8	40.9	20.8	109 J
Iron	7439-89-6						28600	25400	22800	53600 J
Lead	7439-92-1	63	63	450	1000	J	85.1	81.9 J	62.6 J	204 J
Magnesium	7439-95-4						3690	3080	3420	2980
Manganese	7439-96-5	1600	1600	2000	10000	J	500 J	467 J	337 J	556
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.047 J	0.085	0.019 J	0.074
Nickel	7440-02-0	30	30	130	310		28.6	24.6	26	72.6 J
Potassium	7440-09-7						1350	1180	1310	1190
Selenium	7782-49-2	3.9	3.9	4	1500	U	0.56 J	0.5 J	0.43 U	0.49 U
Silver	7440-22-4	2	2	8.3	1500	U	0.23 U	0.22 U	0.21 U	0.25 U
Sodium	7440-23-5						183	107 J	190	123 J
Thallium	7440-28-0		5			U	0.34 U	0.32 U	0.32 U	0.37 U
Vanadium	7440-62-2		39				21.9	17.4	24.9	18.2
Zinc	7440-66-6	109	109	2480	10000		112	82.2	79.5	90.2 J
TCLP Metals (mg/L)										
Arsenic	7440-38-2					U				0.0056 U
Barium	7440-39-3					J				0.59 J
Cadmium	7440-43-9					J				0.0011 J
Chromium	7440-47-3					U				0.01 U
Lead	7439-92-1					J				0.0075 J
Mercury	7439-97-6					U				0.000043 U
Selenium	7782-49-2					U				0.0087 U
Silver	7440-22-4					U				0.0017 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-6	SHL-6	SHL-7	SHL-7
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID 6) Sample Date 24	SHL-6-(12-24) 02/16/2024	SHL-6-(6-12) 02/16/2024	FDUP_021924 02/19/2024	SHL-7-(0-6) 02/23/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9					U				0.00016 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7					U				0.0004 U
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9					U				0.00004 U
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3					U				0.001 U
3:3 perfluorohexanoic acid	356-02-5					U				0.0002 U
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4					U				0.00016 U
4:2 fluorotelomer sulfonate	757124-72-4					U				0.00016 U
6:2 Fluorotelomer sulfonic acid	27619-97-2					U				0.00016 U
7:3 FTCA	812-70-4					U				0.001 U
8:2 Fluorotelomer sulfonic acid	39108-34-4					U				0.00016 U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1					U				0.00016 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6					U				0.00016 U
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2					U				0.0004 U
N-ethylperfluoro-1-octanesulfonamide	4151-50-2					U				0.00004 U
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6					U				0.00004 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8					U				0.00004 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6					U				0.000081 U
Perfluoro-3-methoxypropanoic acid	377-73-1					U				0.000081 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7					U				0.000081 U
Perfluoro(4-methoxybutanoic) acid	863090-89-5					U				0.000081 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5					U				0.00004 U
Perfluorobutanoic acid	375-22-4					J				0.00016 U
Perfluorodecanesulfonic acid (PFDS)	335-77-3					U				0.00004 U
Perfluorodecanoic acid	335-76-2					J				0.00004 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5					U				0.00004 U
Perfluorododecanoic Acid	307-55-1					J				0.00004 U
Perfluoroheptanesulfonic acid	375-92-8					U				0.00004 U
Perfluoroheptanoic acid	375-85-9					J				0.00004 U
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4					U				0.00004 U
Perfluorohexanoic acid	307-24-4					J				0.00004 U
Perfluorononanesulfonic acid	68259-12-1					U				0.00004 U
Perfluorononanoic acid	375-95-1					J				0.00004 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6					J				0.00004 U
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					0.0001 J
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5	J				0.00004 U
Perfluoropentanesulfonic acid	2706-91-4					U				0.00004 U
Perfluoropentanoic Acid	2706-90-3					U				0.000081 U
Perfluorotetradecanoic Acid	376-06-7					U				0.00004 U
Perfluorotridecanoic Acid	72629-94-8					J				0.00004 U
Perfluoroundecanoic Acid	2058-94-8					J				0.00004 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-6	SHL-6	SHL-7	SHL-7
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID 6) Sample Date 24	SHL-6-(12-24) 02/16/2024	SHL-6-(6-12) 02/16/2024	FDUP_021924 02/19/2024	SHL-7-(0-6) 02/23/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92	U				0.002 U
4,4'-DDE	72-55-9	0.0033	0.0033	17	62	U				0.0022 U
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					0.0024 U
Aldrin	309-00-2	0.005	0.14	0.19	0.68	U				0.0026 U
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4	U				0.0019 U
beta-BHC	319-85-7	0.036	0.6	0.09	3	U				0.0019 U
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24	U				0.0052 U
delta-BHC	319-86-8	0.04	0.04	0.25	500	U				0.0019 U
Dieldrin	60-57-1	0.005	0.006	0.1	1.4	U				0.0025 U
Endosulfan I	959-98-8	2.4		102	200	U				0.002 U
Endosulfan II	33213-65-9	2.4		102	200	U				0.0019 U
Endosulfan sulfate	1031-07-8	2.4		1000	200	U				0.0019 U
Endrin	72-20-8	0.014	0.014	0.06	89	U				0.0021 U
Endrin aldehyde	7421-93-4					U				0.0027 U
Endrin ketone	53494-70-5					U				0.0026 U
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2	U				0.0019 U
gamma-Chlordane	5566-34-7			14		U				0.0033 U
Heptachlor	76-44-8	0.042	0.14	0.38	15	U				0.0023 U
Heptachlor epoxide	1024-57-3			0.02		U				0.0027 U
Methoxychlor	72-43-5		1.2	900		U				0.0021 U
Toxaphene	8001-35-2					U				0.061 U
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM					U				51.4 U
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1	U				0.048 U
Aroclor 1221	11104-28-2	0.1	1	3.2	1	U				0.048 U
Aroclor 1232	11141-16-5	0.1	1	3.2	1	U				0.048 U
Aroclor 1242	53469-21-9	0.1	1	3.2	1	U				0.048 U
Aroclor 1248	12672-29-6	0.1	1	3.2	1	U				0.048 U
Aroclor 1254	11097-69-1	0.1	1	3.2	1	U				0.11 U
Aroclor 1260	11096-82-5	0.1	1	3.2	1	U				0.11 U
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4		UJ	0.038 U	0.035 UJ	0.037 UJ	0.22 U
Acenaphthene	83-32-9	20	20	98	500	UJ	0.028 U	0.025 UJ	0.027 UJ	0.16 U
Acenaphthylene	208-96-8	100		107	500	J	0.024 U	0.022 UJ	0.04 J	0.14 U
Anthracene	120-12-7	100		1000	500	UJ	0.046 U	0.043 UJ	0.046 UJ	0.27 U
Benzo[a]anthracene	56-55-3	1		1	5.6	J	0.065 J	0.039 J	0.095 J	0.15 J
Benzo[a]pyrene	50-32-8	1	2.6	22	1	J	0.061 J	0.039 J	0.11 J	0.16 U
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6	J	0.07 J	0.053 J	0.18 J	0.17 J
Benzo[g,h,i]perylene	191-24-2	100		1000	500	J	0.044 J	0.022 J	0.031 J	0.11 U
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56	J	0.035 J	0.03 J	0.084 J	0.14 U
Chrysene	218-01-9	1		1	56	J	0.065 J	0.046 J	0.1 J	0.24 U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56	UJ	0.033 U	0.03 UJ	0.033 UJ	0.19 U
Fluoranthene	206-44-0	100		1000	500	J	0.11 J	0.068 J	0.12 J	0.24 J
Fluorene	86-73-7	30	30	386	500	UJ	0.022 U	0.02 UJ	0.022 UJ	0.13 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6	J	0.035 J	0.021 UJ	0.036 J	0.13 U
Naphthalene	91-20-3	12		12	500	UJ	0.024 U	0.022 UJ	0.024 UJ	0.14 U
Phenanthrene	85-01-8	100		1000	500	J	0.083 J	0.034 J	0.027 UJ	0.16 U
Pyrene	129-00-0	100		1000	500	J	0.13 J	0.051 J	0.11 J	0.2 J
1,1'-Biphenyl	92-52-4		60			UJ	0.028 U	0.025 UJ	0.027 UJ	0.16 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-6	SHL-6	SHL-7	SHL-7
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID 6) Sample Date 24	SHL-6-(12-24) 02/16/2024	SHL-6-(6-12) 02/16/2024	FDUP_021924 02/19/2024	SHL-7-(0-6) 02/23/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130	UJ				0.35 U
2-Chloronaphthalene	91-58-7					UJ	0.031 U	0.028 UJ	0.031 UJ	0.18 U
2-Chlorophenol	95-57-8		0.8			U	0.034 U	0.031 U	0.034 U	0.2 U
2-Methylphenol	95-48-7	0.33		0.33	500	U	0.022 U	0.02 U	0.022 U	0.13 U
2-Nitroaniline	88-74-4			0.4		UJ	0.028 U	0.025 UJ	0.027 UJ	0.16 U
2-Nitrophenol	88-75-5		7	0.3		U	0.053 U	0.049 U	0.053 U	0.31 U
2,2'-oxybis(1-Chloropropane)	108-60-1					UJ	0.038 U	0.035 UJ	0.037 UJ	0.22 U
2,4-Dichlorophenol	120-83-2		20	0.4		U	0.02 U	0.018 U	0.02 U	0.11 U
2,4-Dimethylphenol	105-67-9					U	0.045 U	0.042 U	0.045 U	0.26 U
2,4-Dinitrophenol	51-28-5		20	0.2		U	0.87 U	0.8 U	0.86 U	5 U
2,4-Dinitrotoluene	121-14-2					UJ	0.039 U	0.036 UJ	0.038 UJ	0.22 U
2,4,5-Trichlorophenol	95-95-4		4	0.1		U	0.051 U	0.047 U	0.05 U	0.29 U
2,4,6-Trichlorophenol	88-06-2		10			U	0.038 U	0.035 U	0.037 U	0.22 U
2,6-Dinitrotoluene	606-20-2			1		UJ	0.022 U	0.02 UJ	0.022 UJ	0.13 U
3-Nitroaniline	99-09-2			0.5		UJ	0.052 U	0.048 UJ	0.052 UJ	0.3 U
3,3'-Dichlorobenzidine	91-94-1					UJ	0.22 U	0.2 UJ	0.22 UJ	1.3 U
4-Bromophenyl-phenylether	101-55-3					UJ	0.027 U	0.024 UJ	0.026 UJ	0.15 U
4-Chloro-3-methylphenol	59-50-7					U	0.046 U	0.043 U	0.046 U	0.27 U
4-Chloroaniline	106-47-8			0.22		UJ	0.046 U	0.043 UJ	0.046 UJ	0.27 U
4-Chlorophenyl-phenyl ether	7005-72-3					UJ	0.023 U	0.021 UJ	0.023 UJ	0.13 U
4-Methylphenol	106-44-5	0.33		0.33	500	U	0.022 U	0.02 U	0.022 U	0.13 U
4-Nitroaniline	100-01-6					UJ	0.098 U	0.09 UJ	0.098 UJ	0.57 U
4-Nitrophenol	100-02-7		7	0.1		U	0.13 U	0.12 U	0.13 U	0.76 U
4,6-Dinitro-O-cresol	534-52-1					U	0.19 U	0.17 U	0.19 U	1.1 U
Acetophenone	98-86-2					UJ	0.025 U	0.023 UJ	0.025 UJ	0.15 U
Atrazine	1912-24-9					UJ	0.065 U	0.06 UJ	0.065 UJ	0.38 U
Benzaldehyde	100-52-7					UJ	0.15 U	0.14 UJ	0.15 UJ	0.86 UJ
Bis(2-chloroethyl)ether	111-44-4					UJ	0.024 U	0.022 UJ	0.024 UJ	0.14 U
bis(2-Chloroethoxy)methane	111-91-1					UJ	0.04 U	0.037 UJ	0.04 UJ	0.23 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435		UJ	0.064 U	0.059 UJ	0.064 UJ	0.37 U
Butyl benzyl phthalate	85-68-7			122		UJ	0.031 U	0.028 UJ	0.031 UJ	0.18 U
Carbazole	86-74-8					UJ	0.022 U	0.02 UJ	0.022 UJ	0.13 U
Caprolactam	105-60-2					UJ	0.056 U	0.052 UJ	0.056 UJ	0.32 U
Di-n-butyl phthalate	84-74-2		0.014	8.1		UJ	0.032 U	0.029 UJ	0.032 UJ	0.18 U
Di-n-octylphthalate	117-84-0			120		UJ	0.022 U	0.02 UJ	0.022 UJ	0.13 U
Dibenzofuran	132-64-9	7		6.2	350	UJ	0.022 U	0.02 UJ	0.022 UJ	0.13 U
Diethyl phthalate	84-66-2		100	7.1		UJ	0.024 U	0.022 UJ	0.024 UJ	0.14 U
Dimethyl phthalate	131-11-3		200	27		UJ	0.022 U	0.02 UJ	0.022 UJ	0.13 U
Hexachlorobenzene	118-74-1	0.33		1.4	6	UJ	0.025 U	0.023 UJ	0.025 UJ	0.15 U
Hexachlorobutadiene	87-68-3					UJ	0.028 U	0.025 UJ	0.027 UJ	0.16 U
Hexachlorocyclopentadiene	77-47-4		10			UJ	0.025 U	0.023 UJ	0.025 UJ	0.15 U
Hexachloroethane	67-72-1					UJ	0.024 U	0.022 UJ	0.024 UJ	0.14 U
Isophorone	78-59-1			4.4		UJ	0.04 U	0.037 UJ	0.04 UJ	0.23 U
N-Nitrosodi-n-propylamine	621-64-7					UJ	0.032 U	0.029 UJ	0.032 UJ	0.18 U
N-Nitrosodiphenylamine	86-30-6		20			UJ	0.15 U	0.14 UJ	0.15 UJ	0.88 U
Nitrobenzene	98-95-3		40	0.17	69	UJ	0.021 U	0.019 UJ	0.021 UJ	0.12 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7	U	0.19 U	0.17 U	0.19 U	0.0069 U
Phenol	108-95-2	0.33	30	0.33	500	U	0.029 U	0.026 U	0.029 U	0.17 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-6	SHL-6	SHL-7	SHL-7
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID 6) Sample Date 24	SHL-6-(12-24) 02/16/2024	SHL-6-(6-12) 02/16/2024	FDUP_021924 02/19/2024	SHL-7-(0-6) 02/23/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240	U				0.00049 U
1,1-Dichloroethene	75-35-4	0.33		0.33	500	U				0.00049 U
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500	U				0.00029 UJ
1,1,1,2-Tetrachloroethane	630-20-6					U				0.0004 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6		U				0.00091 UJ
1,1,2-Trichloroethane	79-00-5					U				0.00052 UJ
1,1,2,2-Tetrachloroethane	79-34-5			0.6		U				0.00065 UJ
1,2-Dibromo-3-chloropropane	96-12-8					U				0.002 UJ
1,2-Dibromoethane	106-93-4					U				0.00051 UJ
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500	U				0.00031 UJ
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30	U				0.0002 U
1,2-Dichloropropane	78-87-5		700			U				0.002 UJ
1,2,4-Trichlorobenzene	120-82-1		20	3.4		U				0.00024 UJ
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190	U				0.00076 J
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280	U				0.0002 UJ
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190	U				0.00026 UJ
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130	U				0.00056 UJ
2-Butanone	78-93-3	0.12	100	0.3	500	U				0.0015 UJ
2-Hexanone	591-78-6					U				0.002 UJ
4-Methyl-2-pentanone	108-10-1			1		U				0.0013 UJ
Acetone	67-64-1	0.05	2.2	0.05	500	J				0.013 J
Benzene	71-43-2	0.06	70	0.06	44	U				0.0002 UJ
Bromodichloromethane	75-27-4					U				0.00053 UJ
Bromoform	75-25-2					U				0.002 UJ
Bromomethane	74-83-9					U				0.00036 U
Carbon disulfide	75-15-0			2.7		U				0.002 UJ
Carbon Tetrachloride	56-23-5	0.76		0.76	22	U				0.00039 UJ
Chlorobenzene	108-90-7	1.1	40	1.1	500	U				0.00053 UJ
Chloroethane	75-00-3			1.9		U				0.0009 U
Chloroform	67-66-3	0.37	12	0.37	350	U				0.00025 UJ
Chloromethane	74-87-3					U				0.00024 U
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500	U				0.00051 UJ
cis-1,3-Dichloropropene	10061-01-5					U				0.00057 UJ
Cyclohexane	110-82-7					U				0.00056 UJ
Dibromochloromethane	124-48-1		10			U				0.00051 UJ
Dichlorodifluoromethane	75-71-8					U				0.00033 U
Ethylbenzene	100-41-4	1		1	390	U				0.00027 UJ
Isopropylbenzene	98-82-8			2.3		U				0.0006 UJ
m,p-Xylene	179601-23-1					U				0.00067 UJ
Methyl Acetate	79-20-9					U				0.0024 UJ
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500	U				0.00039 U
Methylcyclohexane	108-87-2					U				0.00061 UJ
Methylene Chloride	75-09-2	0.05	12	0.05	500	U				0.0018 U
n-Butylbenzene	104-51-8	12		12	500	U				0.00035 UJ
n-Propylbenzene	103-65-1	3.9		3.9	500	U				0.00032 UJ
o-Xylene	95-47-6					U				0.00052 UJ
sec-Butylbenzene	135-98-8	11		11	500	U				0.00035 UJ
Styrene	100-42-5		300			U				0.0002 UJ
tert-Butylbenzene	98-06-6	5.9		5.9	500	U				0.00041 UJ
Tetrachloroethene	127-18-4	1.3	2	1.3	150	U				0.00053 UJ

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-6	SHL-6	SHL-7	SHL-7
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Commercial ^{b,c,f}	Sample ID 6)	SHL-6-(12-24)	SHL-6-(6-12)	FDUP_021924	SHL-7-(0-6)
				Groundwater ^{b,c,e}		Sample Date 24	02/16/2024	02/16/2024	02/19/2024	02/23/2024
Toluene	108-88-3	0.7	36	0.7	500	U				0.0003 UJ
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500	U				0.00041 UJ
trans-1,3-Dichloropropene	10061-02-6					U				0.0018 UJ
Trichloroethylene	79-01-6	0.47	2	0.47	200	U				0.00088 UJ
Trichlorofluoromethane	75-69-4					U				0.00038 U
Vinyl Chloride	75-01-4	0.02		0.02	13	U				0.00049 U
Xylenes	1330-20-7	0.26	0.26	1.6	500	U				0.00067 UJ

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-7	SHL-7	SHL-8	SHL-8
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-7-(12-24)	SHL-7-(6-12)	SHL-8-(0-6)	SHL-8-(12-24)
						Sample Date	02/19/2024	02/19/2024	02/16/2024	02/16/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.49 <i>U</i>	0.5 <i>U</i>	0.57 <i>UJ</i>	<i>R</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						0.011 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						0.0054 <i>U</i>
Dichlorprop	120-36-5									0.0084 <i>U</i>
Picloram	1918-02-1									0.0073 <i>U</i>
Silvex	93-72-1	3.8		3.8	500					0.0061 <i>U</i>
Metals (mg/kg)										
Aluminum	7429-90-5		10000				12900	11600	7780	6270
Antimony	7440-36-0		12				4.6 <i>J</i>	6 <i>J</i>	0.75 <i>J</i>	0.42 <i>U</i>
Arsenic	7440-38-2	13	13	16	16		10	10.9	6.7	6.3
Barium	7440-39-3	350	433	820	400		144	149	79.9	55.1
Beryllium	7440-41-7	7.2	10	47	590		0.63	0.58	0.35	0.32
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.23	0.25	0.49	0.16 <i>J</i>
Calcium	7440-70-2		10000				1470 <i>J</i>	2320 <i>J</i>	11500 <i>J</i>	64900 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		16.8	16	16	9.3
Cobalt	7440-48-4		20				12.2	11.7	7	5.6
Copper	7440-50-8	50	50	1720	270		25.6	31.8	29	23.1
Iron	7439-89-6						28100	29600	15600	11500
Lead	7439-92-1	63	63	450	1000		92.4 <i>J</i>	197 <i>J</i>	95.9 <i>J</i>	59 <i>J</i>
Magnesium	7439-95-4						3690	3920	4710	4460
Manganese	7439-96-5	1600	1600	2000	10000		486 <i>J</i>	537	489 <i>J</i>	326 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.02 <i>J</i>	0.036	0.056 <i>J</i>	0.25 <i>J</i>
Nickel	7440-02-0	30	30	130	310		26.6	26.6	19.1	15.5
Potassium	7440-09-7						1240	1050	1050	1010
Selenium	7782-49-2	3.9	3.9	4	1500		0.51 <i>J</i>	0.44 <i>U</i>	0.47 <i>U</i>	0.42 <i>U</i>
Silver	7440-22-4	2	2	8.3	1500		0.22 <i>U</i>	0.22 <i>U</i>	0.23 <i>U</i>	0.21 <i>U</i>
Sodium	7440-23-5						173	154	234	183
Thallium	7440-28-0		5				0.33 <i>U</i>	0.33 <i>U</i>	0.35 <i>U</i>	0.31 <i>U</i>
Vanadium	7440-62-2		39				23.7	19.8	20.9	33.3
Zinc	7440-66-6	109	109	2480	10000		79.9	74	109	59.2
TCLP Metals (mg/L)										
Arsenic	7440-38-2									0.0056 <i>U</i>
Barium	7440-39-3									0.56 <i>J</i>
Cadmium	7440-43-9									0.00061 <i>J</i>
Chromium	7440-47-3									0.01 <i>U</i>
Lead	7439-92-1									0.0055 <i>J</i>
Mercury	7439-97-6									0.000043 <i>U</i>
Selenium	7782-49-2									0.0087 <i>U</i>
Silver	7440-22-4									0.0017 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-7	SHL-7	SHL-8	SHL-8
							SHL-7-(12-24) 02/19/2024	SHL-7-(6-12) 02/19/2024	SHL-8-(0-6) 02/16/2024	SHL-8-(12-24) 02/16/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									0.00013 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									0.00032 U
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									0.000032 U
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									0.0008 U
3:3 perfluorohexanoic acid	356-02-5									0.00016 U
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									0.00013 U
4:2 fluorotelomer sulfonate	757124-72-4									0.00013 U
6:2 Fluorotelomer sulfonic acid	27619-97-2									0.00013 U
7:3 FTCA	812-70-4									0.0008 U
8:2 Fluorotelomer sulfonic acid	39108-34-4									0.00013 U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									0.00013 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									0.00013 U
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									0.00032 U
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									0.000032 U
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									0.000032 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8									0.000032 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									0.000064 U
Perfluoro-3-methoxypropanoic acid	377-73-1									0.000064 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									0.000064 U
Perfluoro(4-methoxybutanoic) acid	863090-89-5									0.000064 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5									0.000032 U
Perfluorobutanoic acid	375-22-4									0.00013 U
Perfluorodecanesulfonic acid (PFDS)	335-77-3									0.000032 U
Perfluorodecanoic acid	335-76-2									0.000032 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									0.000032 U
Perfluorododecanoic Acid	307-55-1									0.000032 U
Perfluoroheptanesulfonic acid	375-92-8									0.000032 U
Perfluoroheptanoic acid	375-85-9									0.000065 J
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									0.000032 U
Perfluorohexanoic acid	307-24-4									0.000044 J
Perfluorononanesulfonic acid	68259-12-1									0.000032 U
Perfluorononanoic acid	375-95-1									0.000088 J
Perfluorooctanesulfonamide (PFOSA)	754-91-6									0.000032 U
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					0.00032
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					0.00011 J
Perfluoropentanesulfonic acid	2706-91-4									0.000032 U
Perfluoropentanoic Acid	2706-90-3									0.000064 U
Perfluorotetradecanoic Acid	376-06-7									0.000032 U
Perfluorotridecanoic Acid	72629-94-8									0.000032 U
Perfluoroundecanoic Acid	2058-94-8									0.000032 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-7	SHL-7	SHL-8	SHL-8
							SHL-7-(12-24) 02/19/2024	SHL-7-(6-12) 02/19/2024	SHL-8-(0-6) 02/16/2024	SHL-8-(12-24) 02/16/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					0.016 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					0.018 <i>U</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					0.03 <i>J</i>
Aldrin	309-00-2	0.005		0.19	0.68					0.021 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					0.015 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	3					0.015 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					0.042 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	500					0.016 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					0.02 <i>U</i>
Endosulfan I	959-98-8	2.4		102	200					0.016 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	200					0.015 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	200					0.016 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	89					0.017 <i>U</i>
Endrin aldehyde	7421-93-4									0.022 <i>U</i>
Endrin ketone	53494-70-5									0.021 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					0.015 <i>U</i>
gamma-Chlordane	5566-34-7			14						0.027 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	15					0.018 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02						0.022 <i>U</i>
Methoxychlor	72-43-5		1.2	900						0.017 <i>U</i>
Toxaphene	8001-35-2									0.49 <i>U</i>
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									7520
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					0.04 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1					0.04 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1					0.04 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1					0.04 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1					0.04 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1					0.096 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1					0.096 <i>U</i>
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.038 <i>UJ</i>	0.038 <i>U</i>	0.39 <i>U</i>	3.5 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.028 <i>UJ</i>	0.028 <i>U</i>	0.29 <i>U</i>	2.6 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.028 <i>J</i>	0.024 <i>U</i>	0.26 <i>U</i>	2.3 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.047 <i>UJ</i>	0.047 <i>U</i>	0.49 <i>U</i>	4.4 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.08 <i>J</i>	0.036 <i>J</i>	0.2 <i>U</i>	1.8 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.093 <i>J</i>	0.045 <i>J</i>	0.29 <i>U</i>	2.6 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.15 <i>J</i>	0.062 <i>J</i>	0.31 <i>J</i>	2.8 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.028 <i>J</i>	0.02 <i>J</i>	0.21 <i>U</i>	1.9 <i>UJ</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.07 <i>J</i>	0.025 <i>J</i>	0.26 <i>U</i>	2.3 <i>U</i>
Chrysene	218-01-9	1		1	56		0.089 <i>J</i>	0.05 <i>J</i>	0.44 <i>U</i>	3.9 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.034 <i>UJ</i>	0.033 <i>U</i>	0.35 <i>U</i>	3.1 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.1 <i>J</i>	0.063 <i>J</i>	0.34 <i>J</i>	1.9 <i>U</i>
Fluorene	86-73-7	30	30	386	500		0.022 <i>UJ</i>	0.022 <i>U</i>	0.23 <i>U</i>	2.1 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.034 <i>J</i>	0.023 <i>U</i>	0.24 <i>U</i>	2.2 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.025 <i>UJ</i>	0.024 <i>U</i>	0.26 <i>U</i>	2.3 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.028 <i>UJ</i>	0.028 <i>U</i>	0.29 <i>U</i>	2.6 <i>U</i>
Pyrene	129-00-0	100		1000	500		0.1 <i>J</i>	0.053 <i>J</i>	0.24 <i>J</i>	2.1 <i>U</i>
1,1'-Biphenyl	92-52-4		60				0.028 <i>UJ</i>	0.028 <i>U</i>	0.29 <i>U</i>	2.6 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-7	SHL-7	SHL-8	SHL-8
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-7-(12-24) 02/19/2024	SHL-7-(6-12) 02/19/2024	SHL-8-(0-6) 02/16/2024	SHL-8-(12-24) 02/16/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					5.7 U
2-Chloronaphthalene	91-58-7						0.031 UJ	0.031 U	0.32 U	2.9 U
2-Chlorophenol	95-57-8		0.8				0.035 U	0.034 U	0.36 U	3.2 U
2-Methylphenol	95-48-7	0.33		0.33	500		0.022 U	0.022 U	0.23 U	2.1 U
2-Nitroaniline	88-74-4			0.4			0.028 UJ	0.028 U	0.29 U	2.6 U
2-Nitrophenol	88-75-5		7	0.3			0.054 U	0.053 U	0.56 U	5 U
2,2'-oxybis(1-Chloropropane)	108-60-1						0.038 UJ	0.038 U	0.39 U	3.5 U
2,4-Dichlorophenol	120-83-2		20	0.4			0.02 U	0.02 U	0.21 U	1.9 U
2,4-Dimethylphenol	105-67-9						0.046 U	0.046 U	0.48 U	4.3 U
2,4-Dinitrophenol	51-28-5		20	0.2			0.88 U	0.87 U	9.1 U	81 U
2,4-Dinitrotoluene	121-14-2						0.039 UJ	0.039 U	0.41 U	3.6 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.052 U	0.051 U	0.53 U	4.8 U
2,4,6-Trichlorophenol	88-06-2		10				0.038 U	0.038 U	0.39 U	3.5 U
2,6-Dinitrotoluene	606-20-2			1			0.022 UJ	0.022 U	0.23 U	2.1 U
3-Nitroaniline	99-09-2			0.5			0.053 UJ	0.052 U	0.55 U	4.9 U
3,3'-Dichlorobenzidine	91-94-1						0.22 UJ	0.22 U	2.3 U	21 U
4-Bromophenyl-phenylether	101-55-3						0.027 UJ	0.027 U	0.28 U	2.5 U
4-Chloro-3-methylphenol	59-50-7						0.047 U	0.047 U	0.49 U	4.4 U
4-Chloroaniline	106-47-8			0.22			0.047 UJ	0.047 U	0.49 U	4.4 U
4-Chlorophenyl-phenyl ether	7005-72-3						0.024 UJ	0.023 U	0.24 U	2.2 U
4-Methylphenol	106-44-5	0.33		0.33	500		0.022 U	0.022 U	0.23 U	2.1 U
4-Nitroaniline	100-01-6						0.1 UJ	0.099 U	1 U	9.2 U
4-Nitrophenol	100-02-7		7	0.1			0.13 U	0.13 U	1.4 U	12 U
4,6-Dinitro-O-cresol	534-52-1						0.19 U	0.19 U	2 U	18 U
Acetophenone	98-86-2						0.026 UJ	0.026 U	0.27 U	2.4 U
Atrazine	1912-24-9						0.066 UJ	0.066 U	0.68 U	6.1 U
Benzaldehyde	100-52-7						0.15 UJ	0.15 U	1.6 U	14 U
Bis(2-chloroethyl)ether	111-44-4						0.025 UJ	0.024 U	0.26 U	2.3 U
bis(2-Chloroethoxy)methane	111-91-1						0.04 UJ	0.04 UJ	0.42 U	3.7 UJ
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.065 UJ	0.064 U	0.67 U	6 U
Butyl benzyl phthalate	85-68-7			122			0.031 UJ	0.031 U	0.32 U	2.9 U
Carbazole	86-74-8						0.022 UJ	0.022 U	0.23 U	2.1 U
Caprolactam	105-60-2						0.057 UJ	0.057 U	0.59 U	5.3 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.032 UJ	0.032 U	0.34 U	3 U
Di-n-octylphthalate	117-84-0			120			0.022 UJ	0.022 U	0.23 U	2.1 U
Dibenzofuran	132-64-9	7		6.2	350		0.022 UJ	0.022 U	0.23 U	2.1 U
Diethyl phthalate	84-66-2		100	7.1			0.025 UJ	0.024 U	0.26 U	2.3 U
Dimethyl phthalate	131-11-3		200	27			0.022 UJ	0.022 U	0.23 U	2.1 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.026 UJ	0.026 U	0.27 U	2.4 U
Hexachlorobutadiene	87-68-3						0.028 UJ	0.028 U	0.29 U	2.6 U
Hexachlorocyclopentadiene	77-47-4		10				0.026 UJ	0.026 U	0.27 U	2.4 U
Hexachloroethane	67-72-1						0.025 UJ	0.024 U	0.26 U	2.3 U
Isophorone	78-59-1			4.4			0.04 UJ	0.04 U	0.42 U	3.7 U
N-Nitrosodi-n-propylamine	621-64-7						0.032 UJ	0.032 U	0.34 U	3 U
N-Nitrosodiphenylamine	86-30-6		20				0.15 UJ	0.15 UJ	1.6 U	14 U
Nitrobenzene	98-95-3		40	0.17	69		0.021 UJ	0.021 U	0.22 U	2 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.19 U	0.19 U	2 U	0.0055 U
Phenol	108-95-2	0.33	30	0.33	500		0.029 U	0.029 U	0.3 U	2.7 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-7	SHL-7	SHL-8	SHL-8
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SHL-7-(12-24) 02/19/2024	SHL-7-(6-12) 02/19/2024	SHL-8-(0-6) 02/16/2024	SHL-8-(12-24) 02/16/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					0.00031 U
1,1-Dichloroethene	75-35-4	0.33		0.33	500					0.00032 U
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					0.00019 U
1,1,1,2-Tetrachloroethane	630-20-6									0.00026 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						0.00059 U
1,1,2-Trichloroethane	79-00-5									0.00033 U
1,1,2,2-Tetrachloroethane	79-34-5			0.6						0.00042 U
1,2-Dibromo-3-chloropropane	96-12-8									0.0013 U
1,2-Dibromoethane	106-93-4									0.00033 U
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					0.0002 U
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					0.00013 U
1,2-Dichloropropane	78-87-5		700							0.0013 U
1,2,4-Trichlorobenzene	120-82-1		20	3.4						0.00016 U
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					0.00049 U
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					0.00013 U
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					0.00017 U
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					0.00036 U
2-Butanone	78-93-3	0.12	100	0.3	500					0.00094 U
2-Hexanone	591-78-6									0.0013 U
4-Methyl-2-pentanone	108-10-1			1						0.00084 U
Acetone	67-64-1	0.05	2.2	0.05	500					0.0022 U
Benzene	71-43-2	0.06	70	0.06	44					0.00013 U
Bromodichloromethane	75-27-4									0.00034 U
Bromoform	75-25-2									0.0013 U
Bromomethane	74-83-9									0.00023 U
Carbon disulfide	75-15-0			2.7						0.0013 U
Carbon Tetrachloride	56-23-5	0.76		0.76	22					0.00025 U
Chlorobenzene	108-90-7	1.1	40	1.1	500					0.00034 U
Chloroethane	75-00-3			1.9						0.00058 U
Chloroform	67-66-3	0.37	12	0.37	350					0.00016 U
Chloromethane	74-87-3									0.00016 U
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					0.00033 U
cis-1,3-Dichloropropene	10061-01-5									0.00037 U
Cyclohexane	110-82-7									0.00036 U
Dibromochloromethane	124-48-1		10							0.00033 U
Dichlorodifluoromethane	75-71-8									0.00021 U
Ethylbenzene	100-41-4	1		1	390					0.00018 U
Isopropylbenzene	98-82-8			2.3						0.00039 U
m,p-Xylene	179601-23-1									0.00043 U
Methyl Acetate	79-20-9									0.0016 U
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					0.00025 U
Methylcyclohexane	108-87-2									0.00039 U
Methylene Chloride	75-09-2	0.05	12	0.05	500					0.0012 U
n-Butylbenzene	104-51-8	12		12	500					0.00022 U
n-Propylbenzene	103-65-1	3.9		3.9	500					0.00021 U
o-Xylene	95-47-6									0.00034 U
sec-Butylbenzene	135-98-8	11		11	500					0.00022 U
Styrene	100-42-5		300							0.00013 U
tert-Butylbenzene	98-06-6	5.9		5.9	500					0.00027 U
Tetrachloroethene	127-18-4	1.3	2	1.3	150					0.00035 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-7	SHL-7	SHL-8	SHL-8
							SHL-7-(12-24) 02/19/2024	SHL-7-(6-12) 02/19/2024	SHL-8-(0-6) 02/16/2024	SHL-8-(12-24) 02/16/2024
Toluene	108-88-3	0.7	36	0.7	500					0.00019 <i>U</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					0.00027 <i>U</i>
trans-1,3-Dichloropropene	10061-02-6									0.0011 <i>U</i>
Trichloroethylene	79-01-6	0.47	2	0.47	200					0.00057 <i>U</i>
Trichlorofluoromethane	75-69-4									0.00024 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	13					0.00031 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	500					0.00043 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-8	SHL-9	SHL-9	SHL-9
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-8-(6-12)	SHL-9-(0-6)	SHL-9-(12-24)	SHL-9-(6-12)
						Sample Date	02/16/2024	02/16/2024	02/16/2024	02/16/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		R	0.5 UJ	0.51 UJ	0.53 UJ
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5				0.013 U		
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9				0.0064 U		
Dichlorprop	120-36-5							0.0099 U		
Picloram	1918-02-1							0.0086 U		
Silvex	93-72-1	3.8		3.8	500			0.0072 U		
Metals (mg/kg)										
Aluminum	7429-90-5		10000				9380	7170	10600	9130
Antimony	7440-36-0		12				0.44 U	36.7	2 J	9.1 J
Arsenic	7440-38-2	13	13	16	16		7	12.8	17.3	13.1
Barium	7440-39-3	350	433	820	400		83.8	199	104	189
Beryllium	7440-41-7	7.2	10	47	590		0.42	0.33	0.5	0.39
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.25	2	0.57	1.7
Calcium	7440-70-2		10000				18500 J	18600 J	9050 J	32400 J
Chromium ^g	7440-47-3	1	1	19	400		14.6	11.7	14.2	13.2
Cobalt	7440-48-4		20				7.8	5.8	8.4	6.8
Copper	7440-50-8	50	50	1720	270		24.3	64.1	36.8	24.8
Iron	7439-89-6						16300	13700	18000	14800
Lead	7439-92-1	63	63	450	1000		65.8 J	738 J	104 J	313 J
Magnesium	7439-95-4						4530	3590	3150	5010
Manganese	7439-96-5	1600	1600	2000	10000		386 J	290 J	429 J	348 J
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.26 J	0.061 J	0.36 J	0.86 J
Nickel	7440-02-0	30	30	130	310		19.7	23.1	20.9	25.7
Potassium	7440-09-7						1240	1430	1270	1520
Selenium	7782-49-2	3.9	3.9	4	1500		0.44 J	0.5 U	1 J	0.48 J
Silver	7440-22-4	2	2	8.3	1500		0.22 U	0.25 U	0.23 U	0.22 U
Sodium	7440-23-5						216	172 J	86.1 J	256
Thallium	7440-28-0		5				0.33 U	0.37 U	0.35 U	0.33 U
Vanadium	7440-62-2		39				25.2	16.2	28.9	30.5
Zinc	7440-66-6	109	109	2480	10000		80.7	77.9	181	85.9
TCLP Metals (mg/L)										
Arsenic	7440-38-2							0.023		
Barium	7440-39-3							1.8		
Cadmium	7440-43-9							0.013		
Chromium	7440-47-3							0.01 U		
Lead	7439-92-1							0.3		
Mercury	7439-97-6							0.000043 U		
Selenium	7782-49-2							0.0087 U		
Silver	7440-22-4							0.0017 U		

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-8	SHL-9	SHL-9	SHL-9
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-8-(6-12)	SHL-9-(0-6)	SHL-9-(12-24)	SHL-9-(6-12)
02/16/2024										
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.0002	U	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00049	U	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000049	U	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.0012	U	
3:3 perfluorohexanoic acid	356-02-5							0.00024	U	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.0002	U	
4:2 fluorotelomer sulfonate	757124-72-4							0.0002	U	
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.0002	UJ	
7:3 FTCA	812-70-4							0.0012	U	
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.0002	U	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.0002	U	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.0002	U	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00049	U	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000049	U	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000049	U	
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000049	U	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.000098	U	
Perfluoro-3-methoxypropanoic acid	377-73-1							0.000098	U	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.000098	U	
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.000098	U	
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000049	U	
Perfluorobutanoic acid	375-22-4							0.0002	U	
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000049	U	
Perfluorodecanoic acid	335-76-2							0.00012	J	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000049	U	
Perfluorododecanoic Acid	307-55-1							0.00015	J	
Perfluoroheptanesulfonic acid	375-92-8							0.000049	U	
Perfluoroheptanoic acid	375-85-9							0.000065	J	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000049	U	
Perfluorohexanoic acid	307-24-4							0.000049	U	
Perfluorononanesulfonic acid	68259-12-1							0.000049	U	
Perfluorononanoic acid	375-95-1							0.00013	J	
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.000094	J	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44			0.00061		
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5			0.000099	J	
Perfluoropentanesulfonic acid	2706-91-4							0.000049	U	
Perfluoropentanoic Acid	2706-90-3							0.000098	U	
Perfluorotetradecanoic Acid	376-06-7							0.000057	J	
Perfluorotridecanoic Acid	72629-94-8							0.000073	J	
Perfluoroundecanoic Acid	2058-94-8							0.00015	J	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-8	SHL-9	SHL-9	SHL-9
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SHL-8-(6-12)	SHL-9-(0-6)	SHL-9-(12-24)	SHL-9-(6-12)
						Sample Date	02/16/2024	02/16/2024	02/16/2024	02/16/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92			0.0077	U	
4,4'-DDE	72-55-9	0.0033	0.0033	17	62			0.0083	U	
4,4'-DDT	50-29-3	0.0033	0.0033	136	47			0.0093	U	
Aldrin	309-00-2	0.005	0.14	0.19	0.68			0.0098	U	
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4			0.0072	U	
beta-BHC	319-85-7	0.036	0.6	0.09	3			0.0072	U	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24			0.02	U	
delta-BHC	319-86-8	0.04	0.04	0.25	500			0.0074	U	
Dieldrin	60-57-1	0.005	0.006	0.1	1.4			0.0095	U	
Endosulfan I	959-98-8	2.4		102	200			0.0076	U	
Endosulfan II	33213-65-9	2.4		102	200			0.0072	U	
Endosulfan sulfate	1031-07-8	2.4		1000	200			0.0074	U	
Endrin	72-20-8	0.014	0.014	0.06	89			0.0079	U	
Endrin aldehyde	7421-93-4							0.01	U	
Endrin ketone	53494-70-5							0.0098	U	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2			0.0073	U	
gamma-Chlordane	5566-34-7			14				0.013	U	
Heptachlor	76-44-8	0.042	0.14	0.38	15			0.0086	U	
Heptachlor epoxide	1024-57-3			0.02				0.01	U	
Methoxychlor	72-43-5		1.2	900				0.0081	U	
Toxaphene	8001-35-2							0.23	U	
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM							5870		
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1			0.056	UJ	
Aroclor 1221	11104-28-2	0.1	1	3.2	1			0.056	UJ	
Aroclor 1232	11141-16-5	0.1	1	3.2	1			0.056	UJ	
Aroclor 1242	53469-21-9	0.1	1	3.2	1			0.056	UJ	
Aroclor 1248	12672-29-6	0.1	1	3.2	1			0.056	UJ	
Aroclor 1254	11097-69-1	0.1	1	3.2	1			0.13	UJ	
Aroclor 1260	11096-82-5	0.1	1	3.2	1			0.37	J	
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			3.7 U	0.8 U	0.75 U	7.7 U
Acenaphthene	83-32-9	20	20	98	500		2.7 U	0.59 U	0.55 U	5.6 U
Acenaphthylene	208-96-8	100		107	500		2.4 U	0.52 U	0.49 U	5 U
Anthracene	120-12-7	100		1000	500		4.5 U	0.98 U	0.93 U	9.5 U
Benzo[a]anthracene	56-55-3	1		1	5.6		1.8 U	0.4 U	0.38 U	3.8 U
Benzo[a]pyrene	50-32-8	1	2.6	22	1		2.7 U	0.59 U	0.55 U	5.6 U
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		2.9 U	0.63 U	0.6 U	6.1 U
Benzo[g,h,i]perylene	191-24-2	100		1000	500		1.9 U	0.42 U	0.4 U	4.1 U
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		2.4 U	0.52 U	0.49 U	5 U
Chrysene	218-01-9	1		1	56		4.1 U	0.89 U	0.84 U	8.6 U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		3.2 U	0.7 U	0.66 U	6.8 U
Fluoranthene	206-44-0	100		1000	500		1.9 U	0.42 U	0.46 J	4.1 U
Fluorene	86-73-7	30	30	386	500		2.2 U	0.47 U	0.44 U	4.5 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		2.3 U	0.49 U	0.47 U	4.7 U
Naphthalene	91-20-3	12		12	500		2.4 U	0.52 U	0.49 U	5 U
Phenanthrene	85-01-8	100		1000	500		2.7 U	0.59 U	0.55 U	5.6 U
Pyrene	129-00-0	100		1000	500		2.2 U	0.47 U	0.44 U	4.5 U
1,1'-Biphenyl	92-52-4		60				2.7 U	0.59 U	0.55 U	5.6 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-8	SHL-9	SHL-9	SHL-9
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SHL-8-(6-12) 02/16/2024	SHL-9-(0-6) 02/16/2024	SHL-9-(12-24) 02/16/2024	SHL-9-(6-12) 02/16/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130			1.3 <i>U</i>		
2-Chloronaphthalene	91-58-7						3 <i>U</i>	0.66 <i>U</i>	0.62 <i>U</i>	6.3 <i>U</i>
2-Chlorophenol	95-57-8		0.8				3.3 <i>U</i>	0.73 <i>U</i>	0.69 <i>U</i>	7 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		2.2 <i>U</i>	0.47 <i>U</i>	0.44 <i>U</i>	4.5 <i>U</i>
2-Nitroaniline	88-74-4			0.4			2.7 <i>U</i>	0.59 <i>U</i>	0.55 <i>U</i>	5.6 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			5.2 <i>U</i>	1.1 <i>U</i>	1.1 <i>U</i>	11 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						3.7 <i>U</i>	0.8 <i>U</i>	0.75 <i>U</i>	7.7 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			1.9 <i>U</i>	0.42 <i>U</i>	0.4 <i>U</i>	4.1 <i>U</i>
2,4-Dimethylphenol	105-67-9						4.4 <i>U</i>	0.96 <i>U</i>	0.91 <i>U</i>	9.2 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			85 <i>U</i>	18 <i>U</i>	17 <i>U</i>	180 <i>U</i>
2,4-Dinitrotoluene	121-14-2						3.8 <i>U</i>	0.82 <i>U</i>	0.78 <i>U</i>	7.9 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			5 <i>U</i>	1.1 <i>U</i>	1 <i>U</i>	10 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				3.7 <i>U</i>	0.8 <i>U</i>	0.75 <i>U</i>	7.7 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			2.2 <i>U</i>	0.47 <i>U</i>	0.44 <i>U</i>	4.5 <i>U</i>
3-Nitroaniline	99-09-2			0.5			5.1 <i>U</i>	1.1 <i>U</i>	1 <i>U</i>	11 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						22 <i>U</i>	4.7 <i>U</i>	4.4 <i>U</i>	45 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						2.6 <i>U</i>	0.56 <i>U</i>	0.53 <i>U</i>	5.4 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						4.5 <i>U</i>	0.98 <i>U</i>	0.93 <i>U</i>	9.5 <i>U</i>
4-Chloroaniline	106-47-8			0.22			4.5 <i>U</i>	0.98 <i>U</i>	0.93 <i>U</i>	9.5 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						2.3 <i>U</i>	0.49 <i>U</i>	0.47 <i>U</i>	4.7 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		2.2 <i>U</i>	0.47 <i>U</i>	0.44 <i>U</i>	4.5 <i>U</i>
4-Nitroaniline	100-01-6						9.6 <i>U</i>	2.1 <i>U</i>	2 <i>U</i>	20 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			13 <i>U</i>	2.8 <i>U</i>	2.6 <i>U</i>	27 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						18 <i>U</i>	4 <i>U</i>	3.8 <i>U</i>	38 <i>U</i>
Acetophenone	98-86-2						2.5 <i>U</i>	0.54 <i>U</i>	0.51 <i>U</i>	5.2 <i>U</i>
Atrazine	1912-24-9						6.4 <i>U</i>	1.4 <i>U</i>	1.3 <i>U</i>	13 <i>U</i>
Benzaldehyde	100-52-7						15 <i>U</i>	3.2 <i>U</i>	3 <i>U</i>	30 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						2.4 <i>U</i>	0.52 <i>U</i>	0.49 <i>U</i>	5 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						3.9 <i>U</i>	0.84 <i>U</i>	0.8 <i>U</i>	8.1 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			6.3 <i>U</i>	1.4 <i>U</i>	1.3 <i>U</i>	13 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			3 <i>U</i>	0.66 <i>U</i>	0.62 <i>U</i>	6.3 <i>U</i>
Carbazole	86-74-8						2.2 <i>U</i>	0.47 <i>U</i>	0.44 <i>U</i>	4.5 <i>U</i>
Caprolactam	105-60-2						5.5 <i>U</i>	1.2 <i>U</i>	1.1 <i>U</i>	11 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			3.1 <i>U</i>	0.68 <i>U</i>	0.64 <i>U</i>	6.5 <i>U</i>
Di-n-octylphthalate	117-84-0			120			2.2 <i>U</i>	0.47 <i>U</i>	0.44 <i>U</i>	4.5 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		2.2 <i>U</i>	0.47 <i>U</i>	0.44 <i>U</i>	4.5 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			2.4 <i>U</i>	0.52 <i>U</i>	0.49 <i>U</i>	5 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			2.2 <i>U</i>	0.47 <i>U</i>	0.44 <i>U</i>	4.5 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		2.5 <i>U</i>	0.54 <i>U</i>	0.51 <i>U</i>	5.2 <i>U</i>
Hexachlorobutadiene	87-68-3						2.7 <i>U</i>	0.59 <i>U</i>	0.55 <i>U</i>	5.6 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				2.5 <i>U</i>	0.54 <i>U</i>	0.51 <i>U</i>	5.2 <i>U</i>
Hexachloroethane	67-72-1						2.4 <i>U</i>	0.52 <i>U</i>	0.49 <i>U</i>	5 <i>U</i>
Isophorone	78-59-1			4.4			3.9 <i>U</i>	0.84 <i>U</i>	0.8 <i>U</i>	8.1 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						3.1 <i>U</i>	0.68 <i>U</i>	0.64 <i>U</i>	6.5 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				15 <i>U</i>	3.2 <i>U</i>	3.1 <i>U</i>	31 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		2.1 <i>U</i>	0.45 <i>U</i>	0.42 <i>U</i>	4.3 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		18 <i>U</i>	0.0065 <i>U</i>	3.8 <i>U</i>	38 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		2.8 <i>U</i>	0.61 <i>U</i>	0.58 <i>U</i>	5.9 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-8	SHL-9	SHL-9	SHL-9
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Commercial ^{b,c,f}	Sample ID	SHL-8-(6-12)	SHL-9-(0-6)	SHL-9-(12-24)	SHL-9-(6-12)
		Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample Date	02/16/2024	02/16/2024	02/16/2024	02/16/2024		
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240			0.0011	U	
1,1-Dichloroethene	75-35-4	0.33		0.33	500			0.0011	U	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500			0.00065	U	
1,1,1,2-Tetrachloroethane	630-20-6							0.00089	U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6				0.002	U	
1,1,2-Trichloroethane	79-00-5							0.0012	U	
1,1,2,2-Tetrachloroethane	79-34-5			0.6				0.0014	U	
1,2-Dibromo-3-chloropropane	96-12-8							0.0044	U	
1,2-Dibromoethane	106-93-4							0.0011	U	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500			0.00069	U	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30			0.00045	U	
1,2-Dichloropropane	78-87-5		700					0.0044	U	
1,2,4-Trichlorobenzene	120-82-1		20	3.4				0.00054	U	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190			0.0017	U	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280			0.00046	U	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190			0.00057	U	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130			0.0012	U	
2-Butanone	78-93-3	0.12	100	0.3	500			0.0033	U	
2-Hexanone	591-78-6							0.0044	U	
4-Methyl-2-pentanone	108-10-1			1				0.0029	U	
Acetone	67-64-1	0.05	2.2	0.05	500			0.0075	U	
Benzene	71-43-2	0.06	70	0.06	44			0.00044	U	
Bromodichloromethane	75-27-4							0.0012	U	
Bromoform	75-25-2							0.0044	U	
Bromomethane	74-83-9							0.0008	U	
Carbon disulfide	75-15-0			2.7				0.0044	U	
Carbon Tetrachloride	56-23-5	0.76		0.76	22			0.00086	U	
Chlorobenzene	108-90-7	1.1	40	1.1	500			0.0012	U	
Chloroethane	75-00-3			1.9				0.002	U	
Chloroform	67-66-3	0.37	12	0.37	350			0.00055	U	
Chloromethane	74-87-3							0.00054	U	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500			0.0011	U	
cis-1,3-Dichloropropene	10061-01-5							0.0013	U	
Cyclohexane	110-82-7							0.0012	U	
Dibromochloromethane	124-48-1		10					0.0011	U	
Dichlorodifluoromethane	75-71-8							0.00073	U	
Ethylbenzene	100-41-4	1		1	390			0.00061	U	
Isopropylbenzene	98-82-8			2.3				0.0013	U	
m,p-Xylene	179601-23-1							0.0015	U	
Methyl Acetate	79-20-9							0.0054	U	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500			0.00087	U	
Methylcyclohexane	108-87-2							0.0014	U	
Methylene Chloride	75-09-2	0.05	12	0.05	500			0.0041	U	
n-Butylbenzene	104-51-8	12		12	500			0.00077	U	
n-Propylbenzene	103-65-1	3.9		3.9	500			0.00071	U	
o-Xylene	95-47-6							0.0012	U	
sec-Butylbenzene	135-98-8	11		11	500			0.00077	U	
Styrene	100-42-5		300					0.00044	U	
tert-Butylbenzene	98-06-6	5.9		5.9	500			0.00092	U	
Tetrachloroethene	127-18-4	1.3	2	1.3	150			0.0012	U	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SHL-8	SHL-9	SHL-9	SHL-9
							SHL-8-(6-12) 02/16/2024	SHL-9-(0-6) 02/16/2024	SHL-9-(12-24) 02/16/2024	SHL-9-(6-12) 02/16/2024
Toluene	108-88-3	0.7	36	0.7	500			0.00067 <i>U</i>		
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500			0.00092 <i>U</i>		
trans-1,3-Dichloropropene	10061-02-6							0.0039 <i>U</i>		
Trichloroethylene	79-01-6	0.47	2	0.47	200			0.002 <i>U</i>		
Trichlorofluoromethane	75-69-4							0.00084 <i>U</i>		
Vinyl Chloride	75-01-4	0.02		0.02	13			0.0011 <i>U</i>		
Xylenes	1330-20-7	0.26	0.26	1.6	500			0.0015 <i>U</i>		

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-1	SS-10	SS-11	SS-12
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Commercial ^{b,c,f}	Sample ID	SS-1-(0-2)	SS-10-(0-2)	SS-11-(0-2)	FDUP3_021524
				Groundwater ^{b,c,e}		Sample Date	02/19/2024	02/15/2024	02/15/2024	02/15/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.7 <i>U</i>	0.47 <i>U</i>	0.44 <i>UJ</i>	0.5 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						
Dichlorprop	120-36-5									
Picloram	1918-02-1									
Silvex	93-72-1	3.8		3.8	500					
Metals (mg/kg)										
Aluminum	7429-90-5		10000				10800	7300	5390	7140
Antimony	7440-36-0		12				4.8 <i>J</i>	0.41 <i>UJ</i>	0.42 <i>UJ</i>	0.41 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		12.8	4	3.8	4.8
Barium	7440-39-3	350	433	820	400		115	40.7	45.3	84.2
Beryllium	7440-41-7	7.2	10	47	590		0.69	0.31	0.25	0.25
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.69	0.091 <i>J</i>	0.054 <i>J</i>	0.11 <i>J</i>
Calcium	7440-70-2		10000				3760	53900 <i>J</i>	73700	64200
Chromium ^g	7440-47-3	1	1	19	400		14.3	11.5	8.2	9.2
Cobalt	7440-48-4		20				9.3	6.2	4.6	5.9
Copper	7440-50-8	50	50	1720	270		23.8	23.8	17.7	44.6
Iron	7439-89-6						20900	15000	10500	12400
Lead	7439-92-1	63	63	450	1000		160	11.2	10.7 <i>J</i>	11.6 <i>J</i>
Magnesium	7439-95-4						2720	14200 <i>J</i>	11900 <i>J</i>	12200 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		457 <i>J</i>	385 <i>J</i>	443	433
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.059	0.0047 <i>U</i>	0.0049 <i>U</i>	0.0057 <i>J</i>
Nickel	7440-02-0	30	30	130	310		21.8	22.8	16	23.5
Potassium	7440-09-7						1660	1000	978	1000
Selenium	7782-49-2	3.9	3.9	4	1500		0.79 <i>J</i>	0.41 <i>U</i>	0.71 <i>J</i>	0.41 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.32 <i>U</i>	0.21 <i>U</i>	0.21 <i>U</i>	0.2 <i>U</i>
Sodium	7440-23-5						102 <i>U</i>	117 <i>J</i>	184	173
Thallium	7440-28-0		5				0.49 <i>U</i>	0.31 <i>U</i>	0.31 <i>J</i>	0.3 <i>U</i>
Vanadium	7440-62-2		39				25.5	35.4	52.7	42.6
Zinc	7440-66-6	109	109	2480	10000		81.9	65.9 <i>J</i>	47.3	69.2
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-1	SS-10	SS-11	SS-12
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-1-(0-2)	SS-10-(0-2)	SS-11-(0-2)	FDUP3_021524
						Sample Date	02/19/2024	02/15/2024	02/15/2024	02/15/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									
3:3 perfluorohexanoic acid	356-02-5									
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									
4:2 fluorotelomer sulfonate	757124-72-4									
6:2 Fluorotelomer sulfonic acid	27619-97-2									
7:3 FTCA	812-70-4									
8:2 Fluorotelomer sulfonic acid	39108-34-4									
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									
N-methylperfluoro-1-octanesulfonamide	31506-32-8									
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									
Perfluoro-3-methoxypropanoic acid	377-73-1									
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									
Perfluoro(4-methoxybutanoic) acid	863090-89-5									
Perfluorobutanesulfonic acid (PFBS)	375-73-5									
Perfluorobutanoic acid	375-22-4									
Perfluorodecanesulfonic acid (PFDS)	335-77-3									
Perfluorodecanoic acid	335-76-2									
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									
Perfluorododecanoic Acid	307-55-1									
Perfluoroheptanesulfonic acid	375-92-8									
Perfluoroheptanoic acid	375-85-9									
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									
Perfluorohexanoic acid	307-24-4									
Perfluorononanesulfonic acid	68259-12-1									
Perfluorononanoic acid	375-95-1									
Perfluorooctanesulfonamide (PFOSA)	754-91-6									
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					
Perfluoropentanesulfonic acid	2706-91-4									
Perfluoropentanoic Acid	2706-90-3									
Perfluorotetradecanoic Acid	376-06-7									
Perfluorotridecanoic Acid	72629-94-8									
Perfluoroundecanoic Acid	2058-94-8									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-1	SS-10	SS-11	SS-12
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-1-(0-2)	SS-10-(0-2)	SS-11-(0-2)	FDUP3_021524
						Sample Date	02/19/2024	02/15/2024	02/15/2024	02/15/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					
Aldrin	309-00-2	0.005	0.14	0.19	0.68					
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					
beta-BHC	319-85-7	0.036	0.6	0.09	3					
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					
delta-BHC	319-86-8	0.04	0.04	0.25	500					
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					
Endosulfan I	959-98-8	2.4		102	200					
Endosulfan II	33213-65-9	2.4		102	200					
Endosulfan sulfate	1031-07-8	2.4		1000	200					
Endrin	72-20-8	0.014	0.014	0.06	89					
Endrin aldehyde	7421-93-4									
Endrin ketone	53494-70-5									
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					
gamma-Chlordane	5566-34-7			14						
Heptachlor	76-44-8	0.042	0.14	0.38	15					
Heptachlor epoxide	1024-57-3			0.02						
Methoxychlor	72-43-5		1.2	900						
Toxaphene	8001-35-2									
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS NA HEM									
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					
Aroclor 1221	11104-28-2	0.1	1	3.2	1					
Aroclor 1232	11141-16-5	0.1	1	3.2	1					
Aroclor 1242	53469-21-9	0.1	1	3.2	1					
Aroclor 1248	12672-29-6	0.1	1	3.2	1					
Aroclor 1254	11097-69-1	0.1	1	3.2	1					
Aroclor 1260	11096-82-5	0.1	1	3.2	1					
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.53 <i>U</i>	3.4 <i>U</i>	3.5 <i>U</i>	3.5 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.39 <i>U</i>	2.5 <i>U</i>	2.6 <i>U</i>	2.6 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.34 <i>U</i>	2.2 <i>U</i>	2.3 <i>U</i>	2.3 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.66 <i>U</i>	4.2 <i>U</i>	4.3 <i>U</i>	4.4 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.27 <i>U</i>	1.7 <i>U</i>	1.8 <i>U</i>	1.8 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.39 <i>U</i>	2.5 <i>U</i>	2.6 <i>U</i>	2.6 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.42 <i>U</i>	2.7 <i>U</i>	2.8 <i>U</i>	2.8 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.28 <i>UJ</i>	1.8 <i>U</i>	1.9 <i>U</i>	1.9 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.34 <i>U</i>	2.2 <i>U</i>	2.3 <i>U</i>	2.3 <i>U</i>
Chrysene	218-01-9	1		1	56		0.59 <i>U</i>	3.8 <i>U</i>	3.9 <i>U</i>	4 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.47 <i>U</i>	3 <i>U</i>	3.1 <i>U</i>	3.1 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.28 <i>U</i>	1.8 <i>U</i>	1.9 <i>U</i>	1.9 <i>U</i>
Fluorene	86-73-7	30	30	386	500		0.31 <i>U</i>	2 <i>U</i>	2.1 <i>U</i>	2.1 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.33 <i>U</i>	2.1 <i>U</i>	2.2 <i>U</i>	2.2 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.34 <i>U</i>	2.2 <i>U</i>	2.3 <i>U</i>	2.3 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.39 <i>U</i>	2.5 <i>U</i>	2.6 <i>U</i>	2.6 <i>U</i>
Pyrene	129-00-0	100		1000	500		0.31 <i>U</i>	2 <i>U</i>	2.1 <i>U</i>	2.1 <i>U</i>
1,1'-Biphenyl	92-52-4		60				0.39 <i>U</i>	2.5 <i>U</i>	2.6 <i>U</i>	2.6 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-1	SS-10	SS-11	SS-12
							SS-1-(0-2) 02/19/2024	SS-10-(0-2) 02/15/2024	SS-11-(0-2) 02/15/2024	FDUP3_021524 02/15/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					
2-Chloronaphthalene	91-58-7						0.44 U	2.8 U	2.9 U	2.9 U
2-Chlorophenol	95-57-8		0.8				0.48 U	3.1 U	3.2 U	3.2 U
2-Methylphenol	95-48-7	0.33		0.33	500		0.31 U	2 U	2.1 U	2.1 U
2-Nitroaniline	88-74-4			0.4			0.39 U	2.5 U	2.6 U	2.6 U
2-Nitrophenol	88-75-5		7	0.3			0.75 U	4.8 U	4.9 U	5 U
2,2'-oxybis(1-Chloropropane)	108-60-1						0.53 U	3.4 U	3.5 U	3.5 U
2,4-Dichlorophenol	120-83-2		20	0.4			0.28 U	1.8 U	1.9 U	1.9 U
2,4-Dimethylphenol	105-67-9						0.64 U	4.1 U	4.2 U	4.3 U
2,4-Dinitrophenol	51-28-5		20	0.2			12 U	78 U	81 U	82 U
2,4-Dinitrotoluene	121-14-2						0.55 U	3.5 U	3.6 U	3.6 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.72 U	4.6 U	4.7 U	4.8 U
2,4,6-Trichlorophenol	88-06-2		10				0.53 U	3.4 U	3.5 U	3.5 U
2,6-Dinitrotoluene	606-20-2			1			0.31 U	2 U	2.1 U	2.1 U
3-Nitroaniline	99-09-2			0.5			0.73 U	4.7 U	4.8 U	4.9 U
3,3'-Dichlorobenzidine	91-94-1						3.1 U	20 U	21 U	21 U
4-Bromophenyl-phenylether	101-55-3						0.37 U	2.4 U	2.5 U	2.5 U
4-Chloro-3-methylphenol	59-50-7						0.66 U	4.2 U	4.3 U	4.4 U
4-Chloroaniline	106-47-8			0.22			0.66 U	4.2 U	4.3 U	4.4 U
4-Chlorophenyl-phenyl ether	7005-72-3						0.33 U	2.1 U	2.2 U	2.2 U
4-Methylphenol	106-44-5	0.33		0.33	500		0.31 U	2 U	2.1 U	2.1 U
4-Nitroaniline	100-01-6						1.4 U	8.9 U	9.2 U	9.3 U
4-Nitrophenol	100-02-7		7	0.1			1.9 U	12 U	12 U	12 U
4,6-Dinitro-O-cresol	534-52-1						2.7 U	17 U	18 U	18 U
Acetophenone	98-86-2						0.36 U	2.3 U	2.4 U	2.4 U
Atrazine	1912-24-9						0.92 U	5.9 U	6.1 U	6.1 U
Benzaldehyde	100-52-7						2.1 U	13 U	14 U	14 U
Bis(2-chloroethyl)ether	111-44-4						0.34 U	2.2 U	2.3 U	2.3 U
bis(2-Chloroethoxy)methane	111-91-1						0.56 UJ	3.6 U	3.7 U	3.8 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.91 U	5.8 U	6 U	6 U
Butyl benzyl phthalate	85-68-7			122			0.44 U	2.8 U	2.9 U	2.9 U
Carbazole	86-74-8						0.31 U	2 U	2.1 U	2.1 U
Caprolactam	105-60-2						0.8 U	5.1 U	5.3 U	5.3 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.45 U	2.9 U	3 U	3 U
Di-n-octylphthalate	117-84-0			120			0.31 U	2 U	2.1 U	2.1 U
Dibenzofuran	132-64-9	7		6.2	350		0.31 U	2 U	2.1 U	2.1 U
Diethyl phthalate	84-66-2		100	7.1			0.34 U	2.2 U	2.3 U	2.3 U
Dimethyl phthalate	131-11-3		200	27			0.31 U	2 U	2.1 U	2.1 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.36 U	2.3 U	2.4 U	2.4 U
Hexachlorobutadiene	87-68-3						0.39 U	2.5 U	2.6 U	2.6 U
Hexachlorocyclopentadiene	77-47-4		10				0.36 U	2.3 U	2.4 U	2.4 U
Hexachloroethane	67-72-1						0.34 U	2.2 U	2.3 U	2.3 U
Isophorone	78-59-1			4.4			0.56 U	3.6 U	3.7 U	3.8 U
N-Nitrosodi-n-propylamine	621-64-7						0.45 U	2.9 U	3 U	3 U
N-Nitrosodiphenylamine	86-30-6		20				2.2 UJ	14 U	14 U	14 U
Nitrobenzene	98-95-3		40	0.17	69		0.3 U	1.9 U	2 U	2 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		2.7 U	17 U	18 U	18 U
Phenol	108-95-2	0.33	30	0.33	500		0.41 U	2.6 U	2.7 U	2.7 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-1	SS-10	SS-11	SS-12
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-1-(0-2)	SS-10-(0-2)	SS-11-(0-2)	FDUP3_021524
						Sample Date	02/19/2024	02/15/2024	02/15/2024	02/15/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					
1,1-Dichloroethene	75-35-4	0.33		0.33	500					
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					
1,1,1,2-Tetrachloroethane	630-20-6									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						
1,1,2-Trichloroethane	79-00-5									
1,1,2,2-Tetrachloroethane	79-34-5			0.6						
1,2-Dibromo-3-chloropropane	96-12-8									
1,2-Dibromoethane	106-93-4									
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					
1,2-Dichloropropane	78-87-5		700							
1,2,4-Trichlorobenzene	120-82-1		20	3.4						
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					
2-Butanone	78-93-3	0.12	100	0.3	500					
2-Hexanone	591-78-6									
4-Methyl-2-pentanone	108-10-1			1						
Acetone	67-64-1	0.05	2.2	0.05	500					
Benzene	71-43-2	0.06	70	0.06	44					
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon disulfide	75-15-0			2.7						
Carbon Tetrachloride	56-23-5	0.76		0.76	22					
Chlorobenzene	108-90-7	1.1	40	1.1	500					
Chloroethane	75-00-3			1.9						
Chloroform	67-66-3	0.37	12	0.37	350					
Chloromethane	74-87-3									
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1		10							
Dichlorodifluoromethane	75-71-8									
Ethylbenzene	100-41-4	1		1	390					
Isopropylbenzene	98-82-8			2.3						
m,p-Xylene	179601-23-1									
Methyl Acetate	79-20-9									
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					
Methylcyclohexane	108-87-2									
Methylene Chloride	75-09-2	0.05	12	0.05	500					
n-Butylbenzene	104-51-8	12		12	500					
n-Propylbenzene	103-65-1	3.9		3.9	500					
o-Xylene	95-47-6									
sec-Butylbenzene	135-98-8	11		11	500					
Styrene	100-42-5		300							
tert-Butylbenzene	98-06-6	5.9		5.9	500					
Tetrachloroethene	127-18-4	1.3	2	1.3	150					

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-1	SS-10	SS-11	SS-12
							SS-1-(0-2)	SS-10-(0-2)	SS-11-(0-2)	FDUP3_021524
							02/19/2024	02/15/2024	02/15/2024	02/15/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-12	SS-13	SS-14	SS-15
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-12-(0-2)	SS-13-(0-2)	SS-14-(0-2)	SS-15-(0-2)
						Sample Date	02/15/2024	02/15/2024	02/15/2024	02/15/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.47 <i>UJ</i>	0.52 <i>U</i>	0.5 <i>U</i>	0.65 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						
Dichlorprop	120-36-5									
Picloram	1918-02-1									
Silvex	93-72-1	3.8		3.8	500					
Metals (mg/kg)										
Aluminum	7429-90-5		10000				6540	8200	5250	12400
Antimony	7440-36-0		12				0.42 <i>UJ</i>	0.51 <i>U</i>	0.42 <i>U</i>	0.57 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		3.6	6.2	3.8	9.8
Barium	7440-39-3	350	433	820	400		45.8	84	69.2	126
Beryllium	7440-41-7	7.2	10	47	590		0.22	0.35	0.23	0.57
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.031 <i>U</i>	0.37	0.05 <i>J</i>	1.8
Calcium	7440-70-2		10000				83100	62500	77700	16100 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		7.7	18.5	7.4	17
Cobalt	7440-48-4		20				4.5	7.5	4.3	11
Copper	7440-50-8	50	50	1720	270		16.1	27.3	14.7	26.9
Iron	7439-89-6						10700	18300	10500	20800
Lead	7439-92-1	63	63	450	1000		10.6 <i>J</i>	32.2	8.9	114
Magnesium	7439-95-4						11200 <i>J</i>	14600	19900	4630 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		365	519	454	539 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.0054 <i>J</i>	0.013 <i>J</i>	0.0047 <i>U</i>	0.11
Nickel	7440-02-0	30	30	130	310		21.5	20.1	17.1	26.3
Potassium	7440-09-7						912	1180	969	1810
Selenium	7782-49-2	3.9	3.9	4	1500		0.42 <i>U</i>	0.51 <i>U</i>	0.42 <i>U</i>	0.74 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.21 <i>U</i>	0.25 <i>U</i>	0.21 <i>U</i>	0.29 <i>U</i>
Sodium	7440-23-5						138 <i>J</i>	190	158	71.7 <i>J</i>
Thallium	7440-28-0		5				0.41 <i>J</i>	0.38 <i>U</i>	0.32 <i>U</i>	0.51 <i>J</i>
Vanadium	7440-62-2		39				42.6	22.9	52.8	21.4
Zinc	7440-66-6	109	109	2480	10000		52.5	188	44	289 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SS-12	SS-13	SS-14	SS-15
						Sample ID	SS-12-(0-2)	SS-13-(0-2)	SS-14-(0-2)	SS-15-(0-2)
						Sample Date	02/15/2024	02/15/2024	02/15/2024	02/15/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									
3:3 perfluorohexanoic acid	356-02-5									
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									
4:2 fluorotelomer sulfonate	757124-72-4									
6:2 Fluorotelomer sulfonic acid	27619-97-2									
7:3 FTCA	812-70-4									
8:2 Fluorotelomer sulfonic acid	39108-34-4									
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									
N-methylperfluoro-1-octanesulfonamide	31506-32-8									
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									
Perfluoro-3-methoxypropanoic acid	377-73-1									
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									
Perfluoro(4-methoxybutanoic) acid	863090-89-5									
Perfluorobutanesulfonic acid (PFBS)	375-73-5									
Perfluorobutanoic acid	375-22-4									
Perfluorodecanesulfonic acid (PFDS)	335-77-3									
Perfluorodecanoic acid	335-76-2									
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									
Perfluorododecanoic Acid	307-55-1									
Perfluoroheptanesulfonic acid	375-92-8									
Perfluoroheptanoic acid	375-85-9									
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									
Perfluorohexanoic acid	307-24-4									
Perfluorononanesulfonic acid	68259-12-1									
Perfluorononanoic acid	375-95-1									
Perfluorooctanesulfonamide (PFOSA)	754-91-6									
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					
Perfluoropentanesulfonic acid	2706-91-4									
Perfluoropentanoic Acid	2706-90-3									
Perfluorotetradecanoic Acid	376-06-7									
Perfluorotridecanoic Acid	72629-94-8									
Perfluoroundecanoic Acid	2058-94-8									

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-12	SS-13	SS-14	SS-15
							SS-12-(0-2) 02/15/2024	SS-13-(0-2) 02/15/2024	SS-14-(0-2) 02/15/2024	SS-15-(0-2) 02/15/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					
Aldrin	309-00-2	0.005	0.14	0.19	0.68					
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					
beta-BHC	319-85-7	0.036	0.6	0.09	3					
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					
delta-BHC	319-86-8	0.04	0.04	0.25	500					
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					
Endosulfan I	959-98-8	2.4		102	200					
Endosulfan II	33213-65-9	2.4		102	200					
Endosulfan sulfate	1031-07-8	2.4		1000	200					
Endrin	72-20-8	0.014	0.014	0.06	89					
Endrin aldehyde	7421-93-4									
Endrin ketone	53494-70-5									
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					
gamma-Chlordane	5566-34-7			14						
Heptachlor	76-44-8	0.042	0.14	0.38	15					
Heptachlor epoxide	1024-57-3			0.02						
Methoxychlor	72-43-5		1.2	900						
Toxaphene	8001-35-2									
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					
Aroclor 1221	11104-28-2	0.1	1	3.2	1					
Aroclor 1232	11141-16-5	0.1	1	3.2	1					
Aroclor 1242	53469-21-9	0.1	1	3.2	1					
Aroclor 1248	12672-29-6	0.1	1	3.2	1					
Aroclor 1254	11097-69-1	0.1	1	3.2	1					
Aroclor 1260	11096-82-5	0.1	1	3.2	1					
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			3.6 U	0.85 U	7 U	0.48 U
Acenaphthene	83-32-9	20	20	98	500		2.6 U	0.62 U	5.2 U	0.36 U
Acenaphthylene	208-96-8	100		107	500		2.3 U	0.55 U	4.5 U	0.31 U
Anthracene	120-12-7	100		1000	500		4.4 U	1 U	8.7 U	0.6 U
Benzo[a]anthracene	56-55-3	1		1	5.6		1.8 U	6.7	3.5 U	0.49 J
Benzo[a]pyrene	50-32-8	1	2.6	22	1		2.6 U	12	5.2 U	0.55 J
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		2.8 U	19	5.6 U	0.85 J
Benzo[g,h,i]perylene	191-24-2	100		1000	500		1.9 U	5.5	3.7 U	0.36 J
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		2.3 U	8.1	4.5 U	0.31 U
Chrysene	218-01-9	1		1	56		4 U	12	7.9 U	0.54 U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		3.1 U	1.5 J	6.2 U	0.43 U
Fluoranthene	206-44-0	100		1000	500		2.1 J	21	3.7 U	0.8 J
Fluorene	86-73-7	30	30	386	500		2.1 U	0.5 U	4.1 U	0.28 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		2.2 U	5.6	4.3 U	0.3 U
Naphthalene	91-20-3	12		12	500		2.3 U	0.55 U	4.5 U	0.31 U
Phenanthrene	85-01-8	100		1000	500		2.6 U	7.2	5.2 U	0.36 U
Pyrene	129-00-0	100		1000	500		2.1 U	12	4.1 U	0.67 J
1,1'-Biphenyl	92-52-4		60				2.6 U	0.62 U	5.2 U	0.36 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-12	SS-13	SS-14	SS-15
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SS-12-(0-2) 02/15/2024	SS-13-(0-2) 02/15/2024	SS-14-(0-2) 02/15/2024	SS-15-(0-2) 02/15/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					
2-Chloronaphthalene	91-58-7						2.9 U	0.7 U	5.8 U	0.4 U
2-Chlorophenol	95-57-8		0.8				3.2 U	0.77 U	6.4 U	0.44 U
2-Methylphenol	95-48-7	0.33		0.33	500		2.1 U	0.5 U	4.1 U	0.28 U
2-Nitroaniline	88-74-4			0.4			2.6 U	0.62 U	5.2 U	0.36 U
2-Nitrophenol	88-75-5		7	0.3			5 U	1.2 U	9.9 U	0.68 U
2,2'-oxybis(1-Chloropropane)	108-60-1						3.6 U	0.85 U	7 U	0.48 U
2,4-Dichlorophenol	120-83-2		20	0.4			1.9 U	0.45 U	3.7 U	0.26 U
2,4-Dimethylphenol	105-67-9						4.3 U	1 U	8.5 U	0.58 U
2,4-Dinitrophenol	51-28-5		20	0.2			82 U	20 U	160 U	11 U
2,4-Dinitrotoluene	121-14-2						3.7 U	0.87 U	7.2 U	0.5 U
2,4,5-Trichlorophenol	95-95-4		4	0.1			4.8 U	1.1 U	9.5 U	0.65 U
2,4,6-Trichlorophenol	88-06-2		10				3.6 U	0.85 U	7 U	0.48 U
2,6-Dinitrotoluene	606-20-2			1			2.1 U	0.5 U	4.1 U	0.28 U
3-Nitroaniline	99-09-2			0.5			4.9 U	1.2 U	9.7 U	0.67 U
3,3'-Dichlorobenzidine	91-94-1						21 U	5 U	41 U	2.8 U
4-Bromophenyl-phenylether	101-55-3						2.5 U	0.6 U	5 U	0.34 U
4-Chloro-3-methylphenol	59-50-7						4.4 U	1 U	8.7 U	0.6 U
4-Chloroaniline	106-47-8			0.22			4.4 U	1 U	8.7 U	0.6 U
4-Chlorophenyl-phenyl ether	7005-72-3						2.2 U	0.52 U	4.3 U	0.3 U
4-Methylphenol	106-44-5	0.33		0.33	500		2.1 U	0.5 U	4.1 U	0.28 U
4-Nitroaniline	100-01-6						9.3 U	2.2 U	18 U	1.3 U
4-Nitrophenol	100-02-7		7	0.1			12 U	3 U	25 U	1.7 U
4,6-Dinitro-O-cresol	534-52-1						18 U	4.2 U	35 U	2.4 U
Acetophenone	98-86-2						2.4 U	0.57 U	4.8 U	0.33 U
Atrazine	1912-24-9						6.2 U	1.5 U	12 U	0.84 U
Benzaldehyde	100-52-7						14 U	3.4 U	28 U	1.9 U
Bis(2-chloroethyl)ether	111-44-4						2.3 U	0.55 U	4.5 U	0.31 U
bis(2-Chloroethoxy)methane	111-91-1						3.8 U	0.9 U	7.4 U	0.51 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			6.1 U	1.4 U	12 U	0.82 U
Butyl benzyl phthalate	85-68-7			122			2.9 U	0.7 U	5.8 U	0.4 U
Carbazole	86-74-8						2.1 U	0.98 J	4.1 U	0.28 U
Caprolactam	105-60-2						5.3 U	1.3 U	11 U	0.72 U
Di-n-butyl phthalate	84-74-2		0.014	8.1			3 U	0.72 U	6 U	0.41 U
Di-n-octylphthalate	117-84-0			120			2.1 U	0.5 U	4.1 U	0.28 U
Dibenzofuran	132-64-9	7		6.2	350		2.1 U	0.5 U	4.1 U	0.28 U
Diethyl phthalate	84-66-2		100	7.1			2.3 U	0.55 U	4.5 U	0.31 U
Dimethyl phthalate	131-11-3		200	27			2.1 U	0.5 U	4.1 U	0.28 U
Hexachlorobenzene	118-74-1	0.33		1.4	6		2.4 U	0.57 U	4.8 U	0.33 U
Hexachlorobutadiene	87-68-3						2.6 U	0.62 U	5.2 U	0.36 U
Hexachlorocyclopentadiene	77-47-4		10				2.4 U	0.57 U	4.8 U	0.33 U
Hexachloroethane	67-72-1						2.3 U	0.55 U	4.5 U	0.31 U
Isophorone	78-59-1			4.4			3.8 U	0.9 U	7.4 U	0.51 U
N-Nitrosodi-n-propylamine	621-64-7						3 U	0.72 U	6 U	0.41 U
N-Nitrosodiphenylamine	86-30-6		20				14 U	3.4 U	29 U	2 U
Nitrobenzene	98-95-3		40	0.17	69		2 U	0.47 U	3.9 U	0.27 U
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		18 U	4.2 U	35 U	2.4 U
Phenol	108-95-2	0.33	30	0.33	500		2.7 U	0.65 U	5.4 U	0.37 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-12	SS-13	SS-14	SS-15
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-12-(0-2)	SS-13-(0-2)	SS-14-(0-2)	SS-15-(0-2)
						Sample Date	02/15/2024	02/15/2024	02/15/2024	02/15/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27			0.27					
1,1-Dichloroethene	75-35-4	0.33			0.33					
1,1,1-Trichloroethane	71-55-6	0.68			0.68					
1,1,1,2-Tetrachloroethane	630-20-6									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1				6					
1,1,2-Trichloroethane	79-00-5									
1,1,2,2-Tetrachloroethane	79-34-5				0.6					
1,2-Dibromo-3-chloropropane	96-12-8									
1,2-Dibromoethane	106-93-4									
1,2-Dichlorobenzene	95-50-1	1.1			1.1					
1,2-Dichloroethane	107-06-2	0.02	10		0.02					
1,2-Dichloropropane	78-87-5		700							
1,2,4-Trichlorobenzene	120-82-1		20		3.4					
1,2,4-Trimethylbenzene	95-63-6	3.6			3.6					
1,3-Dichlorobenzene	541-73-1	2.4			2.4					
1,3,5-Trimethylbenzene	108-67-8	8.4			8.4					
1,4-Dichlorobenzene	106-46-7	1.8	20		1.8					
2-Butanone	78-93-3	0.12	100		0.3					
2-Hexanone	591-78-6									
4-Methyl-2-pentanone	108-10-1				1					
Acetone	67-64-1	0.05	2.2		0.05					
Benzene	71-43-2	0.06	70		0.06					
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon disulfide	75-15-0				2.7					
Carbon Tetrachloride	56-23-5	0.76			0.76					
Chlorobenzene	108-90-7	1.1	40		1.1					
Chloroethane	75-00-3				1.9					
Chloroform	67-66-3	0.37	12		0.37					
Chloromethane	74-87-3									
cis-1,2-Dichloroethene	156-59-2	0.25			0.25					
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1		10							
Dichlorodifluoromethane	75-71-8									
Ethylbenzene	100-41-4	1			1					
Isopropylbenzene	98-82-8				2.3					
m,p-Xylene	179601-23-1									
Methyl Acetate	79-20-9									
Methyl tert-butyl ether	1634-04-4	0.93			0.93					
Methylcyclohexane	108-87-2									
Methylene Chloride	75-09-2	0.05	12		0.05					
n-Butylbenzene	104-51-8	12			12					
n-Propylbenzene	103-65-1	3.9			3.9					
o-Xylene	95-47-6									
sec-Butylbenzene	135-98-8	11			11					
Styrene	100-42-5		300							
tert-Butylbenzene	98-06-6	5.9			5.9					
Tetrachloroethene	127-18-4	1.3	2		1.3					

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-12	SS-13	SS-14	SS-15
							SS-12-(0-2)	SS-13-(0-2)	SS-14-(0-2)	SS-15-(0-2)
							02/15/2024	02/15/2024	02/15/2024	02/15/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-16	SS-17	SS-18	SS-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-16-(0-2)	SS-17-(0-2)	SS-18-(0-2)	SS-19-(0-2)
						Sample Date	02/15/2024	02/15/2024	02/14/2024	02/14/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.51 <i>UJ</i>	0.47 <i>UJ</i>	0.43 <i>U</i>	0.49 <i>U</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.011 <i>U</i>			
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0055 <i>U</i>			
Dichlorprop	120-36-5						0.0086 <i>U</i>			
Picloram	1918-02-1						0.0075 <i>U</i>			
Silvex	93-72-1	3.8		3.8	500		0.0062 <i>U</i>			
Metals (mg/kg)										
Aluminum	7429-90-5		10000				6480	5870	6840 <i>J</i>	6500 <i>J</i>
Antimony	7440-36-0		12				0.42 <i>UJ</i>	0.41 <i>UJ</i>	0.43 <i>UJ</i>	0.45 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		4	4.1	4.4	5
Barium	7440-39-3	350	433	820	400		45.6	34.9	45.4 <i>J</i>	42.1 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	590		0.26	0.25	0.25 <i>J</i>	0.28 <i>J</i>
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.032 <i>U</i>	0.054 <i>J</i>	0.11 <i>J</i>	0.17 <i>J</i>
Calcium	7440-70-2		10000				92900 <i>J</i>	61100 <i>J</i>	54500 <i>J</i>	51800 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		8	8.6	9.6 <i>J</i>	9.2 <i>J</i>
Cobalt	7440-48-4		20				5.6	4.9	5.4	5.1
Copper	7440-50-8	50	50	1720	270		19.9	14.3	18.8 <i>J</i>	14.6 <i>J</i>
Iron	7439-89-6						13200	12000	17600 <i>J</i>	13200 <i>J</i>
Lead	7439-92-1	63	63	450	1000		8.8	10.9	50.9 <i>J</i>	39.8 <i>J</i>
Magnesium	7439-95-4						16800 <i>J</i>	8590 <i>J</i>	7860 <i>J</i>	12600 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	10000		362 <i>J</i>	303 <i>J</i>	355 <i>J</i>	373 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.0041 <i>U</i>	0.005 <i>U</i>	0.0048 <i>UJ</i>	0.0049 <i>UJ</i>
Nickel	7440-02-0	30	30	130	310		18.2	16.9	17.5	18.8
Potassium	7440-09-7						1100	1020	949 <i>J</i>	1100 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	1500		0.5 <i>J</i>	0.41 <i>U</i>	0.43 <i>UJ</i>	0.45 <i>UJ</i>
Silver	7440-22-4	2	2	8.3	1500		0.21 <i>U</i>	0.2 <i>U</i>	0.22 <i>UJ</i>	0.22 <i>UJ</i>
Sodium	7440-23-5						125 <i>J</i>	116 <i>J</i>	110 <i>J</i>	108 <i>J</i>
Thallium	7440-28-0		5				0.38 <i>J</i>	0.33 <i>J</i>	0.32 <i>UJ</i>	0.34 <i>UJ</i>
Vanadium	7440-62-2		39				38.5	25.5	19.9 <i>J</i>	25.8 <i>J</i>
Zinc	7440-66-6	109	109	2480	10000		45.2 <i>J</i>	52.1 <i>J</i>	59.7 <i>J</i>	59.5 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.0056 <i>U</i>			
Barium	7440-39-3						0.36 <i>J</i>			
Cadmium	7440-43-9						0.0005 <i>U</i>			
Chromium	7440-47-3						0.01 <i>U</i>			
Lead	7439-92-1						0.003 <i>U</i>			
Mercury	7439-97-6						0.000043 <i>U</i>			
Selenium	7782-49-2						0.0087 <i>U</i>			
Silver	7440-22-4						0.0017 <i>U</i>			

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SS-16	SS-17	SS-18	SS-19
						Sample ID	SS-16-(0-2)	SS-17-(0-2)	SS-18-(0-2)	SS-19-(0-2)
						Sample Date	02/15/2024	02/15/2024	02/14/2024	02/14/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00017	U		
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00044	U		
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000044	U		
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.0011	U		
3:3 perfluorohexanoic acid	356-02-5						0.00022	U		
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00017	U		
4:2 fluorotelomer sulfonate	757124-72-4						0.00017	U		
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00017	U		
7:3 FTCA	812-70-4						0.0011	U		
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00017	U		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00017	U		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00017	U		
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00044	U		
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000044	U		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000044	U		
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000044	U		
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000087	U		
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000087	U		
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000087	U		
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000087	U		
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000044	U		
Perfluorobutanoic acid	375-22-4						0.00017	U		
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000044	U		
Perfluorodecanoic acid	335-76-2						0.000044	U		
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000044	U		
Perfluorododecanoic Acid	307-55-1						0.000044	U		
Perfluoroheptanesulfonic acid	375-92-8						0.000044	U		
Perfluoroheptanoic acid	375-85-9						0.000044	U		
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000044	U		
Perfluorohexanoic acid	307-24-4						0.000044	U		
Perfluorononanesulfonic acid	68259-12-1						0.000044	U		
Perfluorononanoic acid	375-95-1						0.000044	U		
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000044	U		
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.000044	U		
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.000044	U		
Perfluoropentanesulfonic acid	2706-91-4						0.000044	U		
Perfluoropentanoic Acid	2706-90-3						0.000087	U		
Perfluorotetradecanoic Acid	376-06-7						0.000044	U		
Perfluorotridecanoic Acid	72629-94-8						0.000044	U		
Perfluoroundecanoic Acid	2058-94-8						0.000044	U		

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-16	SS-17	SS-18	SS-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-16-(0-2)	SS-17-(0-2)	SS-18-(0-2)	SS-19-(0-2)
						Sample Date	02/15/2024	02/15/2024	02/14/2024	02/14/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.017 <i>U</i>			
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.018 <i>U</i>			
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.02 <i>U</i>			
Aldrin	309-00-2	0.005	0.14	0.19	0.68		0.021 <i>U</i>			
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.016 <i>U</i>			
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.016 <i>U</i>			
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.043 <i>U</i>			
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.016 <i>U</i>			
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.021 <i>U</i>			
Endosulfan I	959-98-8	2.4		102	200		0.017 <i>U</i>			
Endosulfan II	33213-65-9	2.4		102	200		0.016 <i>U</i>			
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.016 <i>U</i>			
Endrin	72-20-8	0.014	0.014	0.06	89		0.017 <i>U</i>			
Endrin aldehyde	7421-93-4						0.022 <i>U</i>			
Endrin ketone	53494-70-5						0.021 <i>U</i>			
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.016 <i>U</i>			
gamma-Chlordane	5566-34-7			14			0.028 <i>U</i>			
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.019 <i>U</i>			
Heptachlor epoxide	1024-57-3			0.02			0.022 <i>U</i>			
Methoxychlor	72-43-5		1.2	900			0.018 <i>U</i>			
Toxaphene	8001-35-2						0.5 <i>U</i>			
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS NA HEM						1070			
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.041 <i>U</i>			
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.041 <i>U</i>			
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.041 <i>U</i>			
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.041 <i>U</i>			
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.041 <i>U</i>			
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.097 <i>U</i>			
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.097 <i>U</i>			
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			3.5 <i>U</i>	3.5 <i>U</i>	3.5 <i>U</i>	3.6 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		2.6 <i>U</i>	2.6 <i>U</i>	2.5 <i>U</i>	2.6 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		2.3 <i>U</i>	2.3 <i>U</i>	2.2 <i>U</i>	2.3 <i>U</i>
Anthracene	120-12-7	100		1000	500		4.3 <i>U</i>	4.4 <i>U</i>	4.3 <i>U</i>	4.4 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		1.8 <i>U</i>	1.8 <i>U</i>	1.7 <i>U</i>	1.8 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		2.6 <i>U</i>	2.6 <i>U</i>	2.5 <i>U</i>	2.6 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		2.8 <i>U</i>	2.8 <i>U</i>	2.7 <i>U</i>	2.8 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		1.9 <i>U</i>	1.9 <i>U</i>	1.8 <i>U</i>	1.9 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		2.3 <i>U</i>	2.3 <i>U</i>	2.2 <i>U</i>	2.3 <i>U</i>
Chrysene	218-01-9	1		1	56		3.9 <i>U</i>	3.9 <i>U</i>	3.9 <i>U</i>	4 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		3.1 <i>U</i>	3.1 <i>U</i>	3.1 <i>U</i>	3.1 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		1.9 <i>U</i>	1.9 <i>U</i>	1.8 <i>U</i>	1.9 <i>U</i>
Fluorene	86-73-7	30	30	386	500		2.1 <i>U</i>	2.1 <i>U</i>	2 <i>U</i>	2.1 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		2.2 <i>U</i>	2.2 <i>U</i>	2.1 <i>U</i>	2.2 <i>U</i>
Naphthalene	91-20-3	12		12	500		2.3 <i>U</i>	2.3 <i>U</i>	2.2 <i>U</i>	2.3 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		2.6 <i>U</i>	2.6 <i>U</i>	2.5 <i>U</i>	2.6 <i>U</i>
Pyrene	129-00-0	100		1000	500		2.1 <i>U</i>	2.1 <i>U</i>	2 <i>U</i>	2.1 <i>U</i>
1,1'-Biphenyl	92-52-4		60				2.6 <i>U</i>	2.6 <i>U</i>	2.5 <i>U</i>	2.6 <i>U</i>

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SS-16	SS-17	SS-18	SS-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SS-16-(0-2) 02/15/2024	SS-17-(0-2) 02/15/2024	SS-18-(0-2) 02/14/2024	SS-19-(0-2) 02/14/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		5.7 <i>U</i>			
2-Chloronaphthalene	91-58-7						2.9 <i>U</i>	2.9 <i>U</i>	2.8 <i>U</i>	2.9 <i>U</i>
2-Chlorophenol	95-57-8		0.8				3.2 <i>U</i>	3.2 <i>U</i>	3.2 <i>U</i>	3.3 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		2.1 <i>U</i>	2.1 <i>U</i>	2 <i>U</i>	2.1 <i>U</i>
2-Nitroaniline	88-74-4			0.4			2.6 <i>U</i>	2.6 <i>U</i>	2.5 <i>U</i>	2.6 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			4.9 <i>U</i>	5 <i>U</i>	4.9 <i>U</i>	5 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						3.5 <i>U</i>	3.5 <i>U</i>	3.5 <i>U</i>	3.6 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			1.9 <i>U</i>	1.9 <i>U</i>	1.8 <i>U</i>	1.9 <i>U</i>
2,4-Dimethylphenol	105-67-9						4.2 <i>U</i>	4.3 <i>U</i>	4.2 <i>U</i>	4.3 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			81 <i>U</i>	81 <i>U</i>	80 <i>U</i>	82 <i>U</i>
2,4-Dinitrotoluene	121-14-2						3.6 <i>U</i>	3.6 <i>U</i>	3.6 <i>U</i>	3.7 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			4.7 <i>U</i>	4.8 <i>U</i>	4.7 <i>U</i>	4.8 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				3.5 <i>U</i>	3.5 <i>U</i>	3.5 <i>U</i>	3.6 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			2.1 <i>U</i>	2.1 <i>U</i>	2 <i>U</i>	2.1 <i>U</i>
3-Nitroaniline	99-09-2			0.5			4.8 <i>U</i>	4.9 <i>U</i>	4.8 <i>U</i>	4.9 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						21 <i>U</i>	21 <i>U</i>	20 <i>U</i>	21 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						2.5 <i>U</i>	2.5 <i>U</i>	2.4 <i>U</i>	2.5 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						4.3 <i>U</i>	4.4 <i>U</i>	4.3 <i>U</i>	4.4 <i>U</i>
4-Chloroaniline	106-47-8			0.22			4.3 <i>U</i>	4.4 <i>U</i>	4.3 <i>U</i>	4.4 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						2.2 <i>U</i>	2.2 <i>U</i>	2.1 <i>U</i>	2.2 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		2.1 <i>U</i>	2.1 <i>U</i>	2 <i>U</i>	2.1 <i>U</i>
4-Nitroaniline	100-01-6						9.2 <i>U</i>	9.2 <i>U</i>	9.1 <i>U</i>	9.3 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			12 <i>U</i>	12 <i>U</i>	12 <i>U</i>	12 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						18 <i>U</i>	18 <i>U</i>	17 <i>U</i>	18 <i>U</i>
Acetophenone	98-86-2						2.4 <i>U</i>	2.4 <i>U</i>	2.3 <i>U</i>	2.4 <i>U</i>
Atrazine	1912-24-9						6.1 <i>U</i>	6.1 <i>U</i>	6 <i>U</i>	6.2 <i>U</i>
Benzaldehyde	100-52-7						14 <i>U</i>	14 <i>U</i>	14 <i>U</i>	14 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						2.3 <i>U</i>	2.3 <i>U</i>	2.2 <i>U</i>	2.3 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						3.7 <i>U</i>	3.7 <i>U</i>	3.7 <i>U</i>	3.8 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			6 <i>U</i>	6 <i>U</i>	5.9 <i>U</i>	6.1 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			2.9 <i>U</i>	2.9 <i>U</i>	2.8 <i>U</i>	2.9 <i>U</i>
Carbazole	86-74-8						2.1 <i>U</i>	2.1 <i>U</i>	2 <i>U</i>	2.1 <i>U</i>
Caprolactam	105-60-2						5.3 <i>U</i>	5.3 <i>U</i>	5.2 <i>U</i>	5.3 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			3 <i>U</i>	3 <i>U</i>	2.9 <i>U</i>	3 <i>U</i>
Di-n-octylphthalate	117-84-0			120			2.1 <i>U</i>	2.1 <i>U</i>	2 <i>U</i>	2.1 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		2.1 <i>U</i>	2.1 <i>U</i>	2 <i>U</i>	2.1 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			2.3 <i>U</i>	2.3 <i>U</i>	2.2 <i>U</i>	2.3 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			2.1 <i>U</i>	2.1 <i>U</i>	2 <i>U</i>	2.1 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		2.4 <i>U</i>	2.4 <i>U</i>	2.3 <i>U</i>	2.4 <i>U</i>
Hexachlorobutadiene	87-68-3						2.6 <i>U</i>	2.6 <i>U</i>	2.5 <i>U</i>	2.6 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				2.4 <i>U</i>	2.4 <i>U</i>	2.3 <i>U</i>	2.4 <i>U</i>
Hexachloroethane	67-72-1						2.3 <i>U</i>	2.3 <i>U</i>	2.2 <i>U</i>	2.3 <i>U</i>
Isophorone	78-59-1			4.4			3.7 <i>U</i>	3.7 <i>U</i>	3.7 <i>U</i>	3.8 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						3 <i>U</i>	3 <i>U</i>	2.9 <i>U</i>	3 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				14 <i>U</i>	14 <i>U</i>	14 <i>U</i>	14 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		2 <i>U</i>	2 <i>U</i>	1.9 <i>U</i>	2 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0056 <i>U</i>	18 <i>U</i>	17 <i>U</i>	18 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		2.7 <i>U</i>	2.7 <i>U</i>	2.6 <i>U</i>	2.7 <i>U</i>

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		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SS-16-(0-2) 02/15/2024	SS-17-(0-2) 02/15/2024	SS-18-(0-2) 02/14/2024	SS-19-(0-2) 02/14/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00059 U			
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.0006 U			
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.00035 U			
1,1,1,2-Tetrachloroethane	630-20-6						0.00049 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.0011 U			
1,1,2-Trichloroethane	79-00-5						0.00063 U			
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.00079 U			
1,2-Dibromo-3-chloropropane	96-12-8						0.0024 U			
1,2-Dibromoethane	106-93-4						0.00063 U			
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.00038 U			
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00024 U			
1,2-Dichloropropane	78-87-5		700				0.0024 U			
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.0003 U			
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.00094 U			
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.00025 U			
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.00031 U			
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.00068 U			
2-Butanone	78-93-3	0.12	100	0.3	500		0.0018 U			
2-Hexanone	591-78-6						0.0024 U			
4-Methyl-2-pentanone	108-10-1			1			0.0016 U			
Acetone	67-64-1	0.05	2.2	0.05	500		0.0041 U			
Benzene	71-43-2	0.06	70	0.06	44		0.00024 U			
Bromodichloromethane	75-27-4						0.00065 U			
Bromoform	75-25-2						0.0024 U			
Bromomethane	74-83-9						0.00044 U			
Carbon disulfide	75-15-0			2.7			0.0024 U			
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00047 U			
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.00064 U			
Chloroethane	75-00-3			1.9			0.0011 U			
Chloroform	67-66-3	0.37	12	0.37	350		0.0003 U			
Chloromethane	74-87-3						0.00029 U			
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.00062 U			
cis-1,3-Dichloropropene	10061-01-5						0.0007 U			
Cyclohexane	110-82-7						0.00068 U			
Dibromochloromethane	124-48-1		10				0.00062 U			
Dichlorodifluoromethane	75-71-8						0.0004 U			
Ethylbenzene	100-41-4	1		1	390		0.00034 U			
Isopropylbenzene	98-82-8			2.3			0.00074 U			
m,p-Xylene	179601-23-1						0.00082 U			
Methyl Acetate	79-20-9						0.0029 U			
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00048 U			
Methylcyclohexane	108-87-2						0.00074 U			
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.0022 U			
n-Butylbenzene	104-51-8	12		12	500		0.00042 U			
n-Propylbenzene	103-65-1	3.9		3.9	500		0.00039 U			
o-Xylene	95-47-6						0.00064 U			
sec-Butylbenzene	135-98-8	11		11	500		0.00042 U			
Styrene	100-42-5		300				0.00024 U			
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.00051 U			
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.00065 U			

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-16	SS-17	SS-18	SS-19
							SS-16-(0-2)	SS-17-(0-2)	SS-18-(0-2)	SS-19-(0-2)
							02/15/2024	02/15/2024	02/14/2024	02/14/2024
Toluene	108-88-3	0.7	36	0.7	500		0.00037 <i>U</i>			
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.0005 <i>U</i>			
trans-1,3-Dichloropropene	10061-02-6						0.0021 <i>U</i>			
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.0011 <i>U</i>			
Trichlorofluoromethane	75-69-4						0.00046 <i>U</i>			
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00059 <i>U</i>			
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.00082 <i>U</i>			

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-2	SS-20	SS-21	SS-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-2-(0-2)	SS-20-(0-2)	SS-21-(0-2)	SS-22-(0-2)
						Sample Date	02/19/2024	02/13/2024	02/13/2024	02/13/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.8 <i>J</i>	0.43 <i>UJ</i>	0.45 <i>UJ</i>	0.5 <i>UJ</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5			0.019 <i>U</i>	0.011 <i>U</i>	0.011 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9			0.0097 <i>U</i>	0.0056 <i>U</i>	0.0056 <i>U</i>	
Dichlorprop	120-36-5						0.015 <i>U</i>	0.0088 <i>U</i>	0.0088 <i>U</i>	
Picloram	1918-02-1						0.013 <i>U</i>	0.0076 <i>U</i>	0.0076 <i>U</i>	
Silvex	93-72-1	3.8		3.8	500		0.011 <i>U</i>	0.0063 <i>U</i>	0.0063 <i>U</i>	
Metals (mg/kg)										
Aluminum	7429-90-5		10000				10800 <i>J</i>	6950	9010	7130
Antimony	7440-36-0		12				1.8 <i>J</i>	0.41 <i>UJ</i>	1.5 <i>J</i>	0.58 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		8.3	3.8	6.9	5.3
Barium	7440-39-3	350	433	820	400		124 <i>J</i>	48.2	68.4	62
Beryllium	7440-41-7	7.2	10	47	590		0.8	0.27	0.42	0.31
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.4	0.056 <i>J</i>	0.17 <i>J</i>	0.1 <i>J</i>
Calcium	7440-70-2		10000				2590 <i>J</i>	85400	37100	101000
Chromium ^g	7440-47-3	1	1	19	400		14.2	9.2	11.2	10.8
Cobalt	7440-48-4		20				9	5.6	7.4	6.3
Copper	7440-50-8	50	50	1720	270		23.2 <i>J</i>	18.8	24.9	21.9
Iron	7439-89-6						16800 <i>J</i>	14300	20300	17100
Lead	7439-92-1	63	63	450	1000		55.3	10 <i>J</i>	32 <i>J</i>	19.8 <i>J</i>
Magnesium	7439-95-4						2060 <i>J</i>	12800	7760	7230
Manganese	7439-96-5	1600	1600	2000	10000		386 <i>J</i>	453	409	567
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.061	0.0047 <i>UJ</i>	0.019 <i>J</i>	0.0077 <i>J</i>
Nickel	7440-02-0	30	30	130	310		20.4	20.8	21.5	19.1
Potassium	7440-09-7						1750 <i>J</i>	1110 <i>J</i>	1280 <i>J</i>	1050 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	1500		0.86 <i>J</i>	0.41 <i>U</i>	0.44 <i>U</i>	0.41 <i>U</i>
Silver	7440-22-4	2	2	8.3	1500		0.35 <i>U</i>	0.32 <i>J</i>	0.88	0.21 <i>U</i>
Sodium	7440-23-5						88.1 <i>J</i>	126 <i>J</i>	105 <i>J</i>	114 <i>J</i>
Thallium	7440-28-0		5				0.52 <i>U</i>	0.31 <i>U</i>	0.33 <i>U</i>	0.31 <i>U</i>
Vanadium	7440-62-2		39				22.7 <i>J</i>	42.6	54.7	29.8
Zinc	7440-66-6	109	109	2480	10000		75.9 <i>J</i>	59.2 <i>J</i>	74.6 <i>J</i>	65.5 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2						0.0056 <i>U</i>	0.0056 <i>U</i>	0.0056 <i>U</i>	
Barium	7440-39-3						0.33 <i>J</i>	0.34 <i>J</i>	0.54 <i>J</i>	
Cadmium	7440-43-9						0.0011 <i>J</i>	0.0005 <i>U</i>	0.00094 <i>J</i>	
Chromium	7440-47-3						0.01 <i>U</i>	0.01 <i>U</i>	0.01 <i>U</i>	
Lead	7439-92-1						0.0035 <i>J</i>	0.003 <i>U</i>	0.0067 <i>J</i>	
Mercury	7439-97-6						0.000043 <i>U</i>	0.000043 <i>U</i>	0.000043 <i>U</i>	
Selenium	7782-49-2						0.0087 <i>U</i>	0.0087 <i>U</i>	0.0087 <i>U</i>	
Silver	7440-22-4						0.0017 <i>U</i>	0.0017 <i>U</i>	0.0017 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-2	SS-20	SS-21	SS-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-2-(0-2)	SS-20-(0-2)	SS-21-(0-2)	SS-22-(0-2)
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00022 <i>U</i>	0.00012 <i>U</i>	0.00013 <i>U</i>	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00055 <i>U</i>	0.000099 <i>U</i>	0.00011 <i>U</i>	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000055 <i>U</i>	0.000025 <i>U</i>	0.000027 <i>U</i>	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.0014 <i>U</i>	0.00036 <i>U</i>	0.00039 <i>U</i>	
3:3 perfluorohexanoic acid	356-02-5						0.00027 <i>U</i>	0.00018 <i>U</i>	0.00019 <i>U</i>	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00022 <i>U</i>	0.000081 <i>U</i>	0.000086 <i>U</i>	
4:2 fluorotelomer sulfonate	757124-72-4						0.00022 <i>U</i>	0.000077 <i>U</i>	0.000082 <i>U</i>	
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00022 <i>U</i>	0.00048 <i>UJ</i>	0.00051 <i>U</i>	
7:3 FTCA	812-70-4						0.0014 <i>U</i>	0.00031 <i>U</i>	0.00033 <i>U</i>	
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00022 <i>U</i>	0.00012 <i>UJ</i>	0.00012 <i>UJ</i>	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00022 <i>U</i>	0.000051 <i>U</i>	0.000054 <i>U</i>	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00022 <i>U</i>	0.000094 <i>U</i>	0.0001 <i>U</i>	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00055 <i>U</i>	0.00011 <i>U</i>	0.00012 <i>U</i>	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000055 <i>U</i>	0.000031 <i>UJ</i>	0.000033 <i>UJ</i>	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000055 <i>U</i>	0.000024 <i>U</i>	0.000026 <i>U</i>	
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000055 <i>U</i>	0.000024 <i>UJ</i>	0.000026 <i>UJ</i>	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.00011 <i>U</i>	0.000048 <i>U</i>	0.000051 <i>U</i>	
Perfluoro-3-methoxypropanoic acid	377-73-1						0.00011 <i>U</i>	0.000091 <i>U</i>	0.000097 <i>U</i>	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.00011 <i>U</i>	0.00004 <i>U</i>	0.000043 <i>U</i>	
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.00011 <i>U</i>	0.000019 <i>U</i>	0.00002 <i>U</i>	
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000055 <i>U</i>	0.000014 <i>U</i>	0.000015 <i>U</i>	
Perfluorobutanoic acid	375-22-4						0.00023 <i>J</i>	0.000037 <i>U</i>	0.000039 <i>U</i>	
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000055 <i>U</i>	0.00002 <i>U</i>	0.000021 <i>U</i>	
Perfluorodecanoic acid	335-76-2						0.000068 <i>J</i>	0.000075 <i>U</i>	0.00008 <i>U</i>	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000055 <i>U</i>	0.000017 <i>U</i>	0.000018 <i>U</i>	
Perfluorododecanoic Acid	307-55-1						0.000055 <i>U</i>	0.000056 <i>U</i>	0.00006 <i>U</i>	
Perfluoroheptanesulfonic acid	375-92-8						0.000055 <i>U</i>	0.000028 <i>U</i>	0.00003 <i>U</i>	
Perfluoroheptanoic acid	375-85-9						0.000098 <i>J</i>	0.000022 <i>U</i>	0.000023 <i>U</i>	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000055 <i>U</i>	0.00002 <i>U</i>	0.000021 <i>U</i>	
Perfluorohexanoic acid	307-24-4						0.000086 <i>J</i>	0.000021 <i>U</i>	0.000022 <i>U</i>	
Perfluorononanesulfonic acid	68259-12-1						0.000055 <i>U</i>	0.000028 <i>U</i>	0.00003 <i>U</i>	
Perfluorononanoic acid	375-95-1						0.00017 <i>J</i>	0.000012 <i>U</i>	0.000013 <i>U</i>	
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000055 <i>U</i>	0.000012 <i>U</i>	0.000013 <i>U</i>	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44		0.00033	0.000056 <i>U</i>	0.000057 <i>U</i>	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5		0.00016 <i>J</i>	0.000042 <i>U</i>	0.000045 <i>U</i>	
Perfluoropentanesulfonic acid	2706-91-4						0.000055 <i>U</i>	0.000013 <i>U</i>	0.000014 <i>U</i>	
Perfluoropentanoic Acid	2706-90-3						0.00011 <i>U</i>	0.000021 <i>U</i>	0.000022 <i>U</i>	
Perfluorotetradecanoic Acid	376-06-7						0.000055 <i>U</i>	0.000017 <i>U</i>	0.000018 <i>U</i>	
Perfluorotridecanoic Acid	72629-94-8						0.000055 <i>U</i>	0.000028 <i>U</i>	0.00003 <i>U</i>	
Perfluoroundecanoic Acid	2058-94-8						0.0001 <i>J</i>	0.000028 <i>U</i>	0.00003 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-2	SS-20	SS-21	SS-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SS-2-(0-2) 02/19/2024	SS-20-(0-2) 02/13/2024	SS-21-(0-2) 02/13/2024	SS-22-(0-2) 02/13/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92		0.00059 <i>U</i>	0.017 <i>U</i>	0.017 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	62		0.003	0.018 <i>U</i>	0.019 <i>U</i>	
4,4'-DDT	50-29-3	0.0033	0.0033	136	47		0.034 <i>J</i>	0.021 <i>U</i>	0.021 <i>U</i>	
Aldrin	309-00-2	0.005	0.14	0.19	0.68		0.00074 <i>U</i>	0.022 <i>U</i>	0.022 <i>U</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4		0.00064 <i>J</i>	0.016 <i>U</i>	0.016 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	3		0.002 <i>J</i>	0.016 <i>U</i>	0.016 <i>U</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24		0.0015 <i>U</i>	0.044 <i>U</i>	0.044 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	500		0.00056 <i>U</i>	0.016 <i>U</i>	0.016 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	1.4		0.0044 <i>J</i>	0.021 <i>U</i>	0.021 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	200		0.00058 <i>U</i>	0.017 <i>U</i>	0.017 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	200		0.002 <i>J</i>	0.016 <i>U</i>	0.016 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	200		0.00056 <i>U</i>	0.016 <i>U</i>	0.016 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	89		0.002 <i>J</i>	0.017 <i>U</i>	0.017 <i>U</i>	
Endrin aldehyde	7421-93-4						0.00077 <i>U</i>	0.023 <i>U</i>	0.023 <i>U</i>	
Endrin ketone	53494-70-5						0.0018 <i>J</i>	0.022 <i>U</i>	0.022 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2		0.00055 <i>U</i>	0.016 <i>U</i>	0.016 <i>U</i>	
gamma-Chlordane	5566-34-7			14			0.00096 <i>U</i>	0.028 <i>U</i>	0.028 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	15		0.00065 <i>U</i>	0.019 <i>U</i>	0.019 <i>U</i>	
Heptachlor epoxide	1024-57-3			0.02			0.00078 <i>U</i>	0.023 <i>U</i>	0.023 <i>U</i>	
Methoxychlor	72-43-5		1.2	900			0.00062 <i>U</i>	0.018 <i>U</i>	0.018 <i>U</i>	
Toxaphene	8001-35-2						0.018 <i>U</i>	0.51 <i>U</i>	0.51 <i>U</i>	
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM						72.6 <i>U</i>	6680	4080	
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.073 <i>U</i>	0.046 <i>UJ</i>	0.042 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.073 <i>U</i>	0.046 <i>UJ</i>	0.042 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.073 <i>U</i>	0.046 <i>UJ</i>	0.042 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.073 <i>U</i>	0.046 <i>UJ</i>	0.042 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.073 <i>U</i>	0.046 <i>UJ</i>	0.042 <i>U</i>	
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.17 <i>U</i>	0.11 <i>UJ</i>	0.1 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.24 <i>J</i>	0.11 <i>UJ</i>	0.1 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.062 <i>U</i>	7.2 <i>U</i>	7.2 <i>U</i>	6.9 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.045 <i>U</i>	5.3 <i>U</i>	5.3 <i>U</i>	5.1 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.04 <i>U</i>	4.6 <i>U</i>	4.6 <i>U</i>	4.5 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.076 <i>U</i>	8.8 <i>U</i>	8.9 <i>U</i>	8.5 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.067 <i>J</i>	3.6 <i>U</i>	3.6 <i>U</i>	3.5 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.076 <i>J</i>	5.3 <i>U</i>	5.3 <i>U</i>	5.1 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.12 <i>J</i>	5.7 <i>U</i>	5.7 <i>U</i>	5.5 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.066 <i>J</i>	3.8 <i>U</i>	3.8 <i>U</i>	3.7 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.042 <i>J</i>	4.6 <i>U</i>	4.6 <i>U</i>	4.5 <i>U</i>
Chrysene	218-01-9	1		1	56		0.078 <i>J</i>	8 <i>U</i>	8 <i>U</i>	7.7 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.054 <i>U</i>	6.3 <i>U</i>	6.3 <i>U</i>	6.1 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.1 <i>J</i>	3.8 <i>U</i>	3.8 <i>U</i>	3.7 <i>U</i>
Fluorene	86-73-7	30	30	386	500		0.036 <i>U</i>	4.2 <i>U</i>	4.2 <i>U</i>	4.1 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.049 <i>J</i>	4.4 <i>U</i>	4.4 <i>U</i>	4.3 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.04 <i>U</i>	4.6 <i>U</i>	4.6 <i>U</i>	4.5 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.053 <i>J</i>	5.3 <i>U</i>	5.3 <i>U</i>	5.1 <i>U</i>
Pyrene	129-00-0	100		1000	500		0.093 <i>J</i>	4.2 <i>U</i>	4.2 <i>U</i>	4.1 <i>U</i>
1,1'-Biphenyl	92-52-4		60				0.045 <i>U</i>	5.3 <i>U</i>	5.3 <i>U</i>	5.1 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SS-2	SS-20	SS-21	SS-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SS-2-(0-2) 02/19/2024	SS-20-(0-2) 02/13/2024	SS-21-(0-2) 02/13/2024	SS-22-(0-2) 02/13/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130		0.1 <i>U</i>	12 <i>U</i>	12 <i>U</i>	
2-Chloronaphthalene	91-58-7						0.051 <i>U</i>	5.9 <i>U</i>	5.9 <i>U</i>	5.7 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.056 <i>U</i>	6.5 <i>U</i>	6.5 <i>U</i>	6.3 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.036 <i>U</i>	4.2 <i>U</i>	4.2 <i>U</i>	4.1 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.045 <i>U</i>	5.3 <i>U</i>	5.3 <i>U</i>	5.1 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.087 <i>U</i>	10 <i>U</i>	10 <i>U</i>	9.7 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.062 <i>U</i>	7.2 <i>U</i>	7.2 <i>U</i>	6.9 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.033 <i>U</i>	3.8 <i>U</i>	3.8 <i>U</i>	3.7 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.074 <i>U</i>	8.6 <i>U</i>	8.6 <i>U</i>	8.3 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			1.4 <i>U</i>	170 <i>U</i>	170 <i>U</i>	160 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.063 <i>U</i>	7.4 <i>U</i>	7.4 <i>U</i>	7.1 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.083 <i>U</i>	9.7 <i>U</i>	9.7 <i>U</i>	9.3 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.062 <i>U</i>	7.2 <i>U</i>	7.2 <i>U</i>	6.9 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.036 <i>U</i>	4.2 <i>U</i>	4.2 <i>U</i>	4.1 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.085 <i>U</i>	9.9 <i>U</i>	9.9 <i>U</i>	9.5 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						0.36 <i>U</i>	42 <i>U</i>	42 <i>U</i>	41 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.043 <i>U</i>	5.1 <i>U</i>	5.1 <i>U</i>	4.9 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.076 <i>U</i>	8.8 <i>U</i>	8.9 <i>U</i>	8.5 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.076 <i>U</i>	8.8 <i>U</i>	8.9 <i>U</i>	8.5 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.038 <i>U</i>	4.4 <i>U</i>	4.4 <i>U</i>	4.3 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.038 <i>J</i>	4.2 <i>U</i>	4.2 <i>U</i>	4.1 <i>U</i>
4-Nitroaniline	100-01-6						0.16 <i>U</i>	19 <i>U</i>	19 <i>U</i>	18 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.22 <i>U</i>	25 <i>U</i>	25 <i>U</i>	24 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.31 <i>U</i>	36 <i>U</i>	36 <i>U</i>	35 <i>U</i>
Acetophenone	98-86-2						0.042 <i>U</i>	4.8 <i>U</i>	4.8 <i>U</i>	4.7 <i>U</i>
Atrazine	1912-24-9						0.11 <i>U</i>	12 <i>U</i>	12 <i>U</i>	12 <i>U</i>
Benzaldehyde	100-52-7						0.24 <i>U</i>	28 <i>U</i>	28 <i>U</i>	27 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.04 <i>U</i>	4.6 <i>U</i>	4.6 <i>U</i>	4.5 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.065 <i>U</i>	7.6 <i>U</i>	7.6 <i>U</i>	7.3 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.11 <i>U</i>	12 <i>U</i>	12 <i>U</i>	12 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.051 <i>U</i>	5.9 <i>U</i>	5.9 <i>U</i>	5.7 <i>U</i>
Carbazole	86-74-8						0.036 <i>U</i>	4.2 <i>U</i>	4.2 <i>U</i>	4.1 <i>U</i>
Caprolactam	105-60-2						0.092 <i>U</i>	11 <i>U</i>	11 <i>U</i>	10 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.053 <i>U</i>	6.1 <i>U</i>	6.1 <i>U</i>	5.9 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.036 <i>U</i>	4.2 <i>U</i>	4.2 <i>U</i>	4.1 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.036 <i>U</i>	4.2 <i>U</i>	4.2 <i>U</i>	4.1 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.04 <i>U</i>	4.6 <i>U</i>	4.6 <i>U</i>	4.5 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.036 <i>U</i>	4.2 <i>U</i>	4.2 <i>U</i>	4.1 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.042 <i>U</i>	4.8 <i>U</i>	4.8 <i>U</i>	4.7 <i>U</i>
Hexachlorobutadiene	87-68-3						0.045 <i>U</i>	5.3 <i>U</i>	5.3 <i>U</i>	5.1 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.042 <i>U</i>	4.8 <i>U</i>	4.8 <i>U</i>	4.7 <i>U</i>
Hexachloroethane	67-72-1						0.04 <i>U</i>	4.6 <i>U</i>	4.6 <i>U</i>	4.5 <i>U</i>
Isophorone	78-59-1			4.4			0.065 <i>U</i>	7.6 <i>U</i>	7.6 <i>U</i>	7.3 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.053 <i>U</i>	6.1 <i>U</i>	6.1 <i>U</i>	5.9 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.25 <i>U</i>	29 <i>U</i>	29 <i>U</i>	28 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.034 <i>U</i>	4 <i>U</i>	4 <i>U</i>	3.9 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.0099 <i>U</i>	0.0057 <i>U</i>	0.0057 <i>U</i>	35 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.047 <i>U</i>	5.5 <i>U</i>	5.5 <i>U</i>	5.3 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-2	SS-20	SS-21	SS-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-2-(0-2)	SS-20-(0-2)	SS-21-(0-2)	SS-22-(0-2)
02/19/202402/13/202402/13/202402/13/2024										
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240		0.00095 UJ	0.00035 U	0.00038 U	
1,1-Dichloroethene	75-35-4	0.33		0.33	500		0.00096 UJ	0.00035 U	0.00038 U	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500		0.00057 UJ	0.00021 U	0.00023 U	
1,1,1,2-Tetrachloroethane	630-20-6						0.00078 UJ	0.00028 U	0.00031 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6			0.0018 UJ	0.00065 U	0.00072 U	
1,1,2-Trichloroethane	79-00-5						0.001 UJ	0.00037 U	0.00041 U	
1,1,2,2-Tetrachloroethane	79-34-5			0.6			0.0013 UJ	0.00046 U	0.00051 U	
1,2-Dibromo-3-chloropropane	96-12-8						0.0039 UJ	0.0014 U	0.0016 U	
1,2-Dibromoethane	106-93-4						0.001 UJ	0.00036 U	0.0004 U	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500		0.00061 UJ	0.00022 U	0.00025 U	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30		0.00039 UJ	0.00014 U	0.00016 U	
1,2-Dichloropropane	78-87-5		700				0.0039 UJ	0.0014 U	0.0016 U	
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00048 UJ	0.00017 U	0.00019 U	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190		0.0015 UJ	0.00054 U	0.0006 U	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280		0.0004 UJ	0.00015 U	0.00016 U	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190		0.0005 UJ	0.00018 U	0.0002 U	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130		0.0011 UJ	0.0004 U	0.00044 U	
2-Butanone	78-93-3	0.12	100	0.3	500		0.0029 UJ	0.001 U	0.0011 U	
2-Hexanone	591-78-6						0.0039 UJ	0.0014 U	0.0016 U	
4-Methyl-2-pentanone	108-10-1			1			0.0026 UJ	0.00093 U	0.001 U	
Acetone	67-64-1	0.05	2.2	0.05	500		0.018 J	0.0024 U	0.0026 U	
Benzene	71-43-2	0.06	70	0.06	44		0.00038 UJ	0.00014 U	0.00015 U	
Bromodichloromethane	75-27-4						0.001 UJ	0.00038 U	0.00042 U	
Bromoform	75-25-2						0.0039 UJ	0.0014 U	0.0016 U	
Bromomethane	74-83-9						0.0007 U	0.00025 U	0.00028 U	
Carbon disulfide	75-15-0			2.7			0.0039 UJ	0.0014 U	0.0016 U	
Carbon Tetrachloride	56-23-5	0.76		0.76	22		0.00076 UJ	0.00027 U	0.0003 U	
Chlorobenzene	108-90-7	1.1	40	1.1	500		0.001 UJ	0.00037 U	0.00041 U	
Chloroethane	75-00-3			1.9			0.0018 U	0.00064 U	0.00071 U	
Chloroform	67-66-3	0.37	12	0.37	350		0.00048 UJ	0.00018 U	0.00019 U	
Chloromethane	74-87-3						0.00047 U	0.00017 U	0.00019 U	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500		0.001 UJ	0.00036 U	0.0004 U	
cis-1,3-Dichloropropene	10061-01-5						0.0011 UJ	0.00041 U	0.00045 U	
Cyclohexane	110-82-7						0.0011 UJ	0.0004 U	0.00044 U	
Dibromochloromethane	124-48-1		10				0.001 UJ	0.00036 U	0.0004 U	
Dichlorodifluoromethane	75-71-8						0.00065 U	0.00023 UJ	0.00026 UJ	
Ethylbenzene	100-41-4	1		1	390		0.00054 UJ	0.0002 U	0.00022 U	
Isopropylbenzene	98-82-8			2.3			0.0012 UJ	0.00043 U	0.00047 U	
m,p-Xylene	179601-23-1						0.0013 UJ	0.00048 U	0.00053 U	
Methyl Acetate	79-20-9						0.01 J	0.0017 U	0.0019 U	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500		0.00077 U	0.00028 U	0.00031 U	
Methylcyclohexane	108-87-2						0.0012 UJ	0.00043 U	0.00048 U	
Methylene Chloride	75-09-2	0.05	12	0.05	500		0.0036 U	0.0013 U	0.0014 U	
n-Butylbenzene	104-51-8	12		12	500		0.00068 UJ	0.00025 U	0.00027 U	
n-Propylbenzene	103-65-1	3.9		3.9	500		0.00063 UJ	0.00023 U	0.00025 U	
o-Xylene	95-47-6						0.001 UJ	0.00037 U	0.00041 U	
sec-Butylbenzene	135-98-8	11		11	500		0.00068 UJ	0.00025 U	0.00027 U	
Styrene	100-42-5		300				0.00039 UJ	0.00014 U	0.00016 U	
tert-Butylbenzene	98-06-6	5.9		5.9	500		0.00081 UJ	0.00029 U	0.00033 U	
Tetrachloroethene	127-18-4	1.3	2	1.3	150		0.001 UJ	0.00038 U	0.00042 U	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-2	SS-20	SS-21	SS-22
							SS-2-(0-2)	SS-20-(0-2)	SS-21-(0-2)	SS-22-(0-2)
							02/19/2024	02/13/2024	02/13/2024	02/13/2024
Toluene	108-88-3	0.7	36	0.7	500		0.00059 <i>UJ</i>	0.00021 <i>U</i>	0.00024 <i>U</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500		0.00081 <i>UJ</i>	0.00029 <i>U</i>	0.00032 <i>U</i>	
trans-1,3-Dichloropropene	10061-02-6						0.0034 <i>UJ</i>	0.0012 <i>U</i>	0.0014 <i>U</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	200		0.0017 <i>UJ</i>	0.00062 <i>U</i>	0.00069 <i>U</i>	
Trichlorofluoromethane	75-69-4						0.00074 <i>U</i>	0.00027 <i>U</i>	0.0003 <i>U</i>	
Vinyl Chloride	75-01-4	0.02		0.02	13		0.00095 <i>U</i>	0.00035 <i>U</i>	0.00038 <i>U</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	500		0.0013 <i>UJ</i>	0.00048 <i>U</i>	0.00053 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-23	SS-24	SS-25	SS-26
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-23-(0-2)	SS-24-(0-2)	SS-25-(0-2)	SS-26-(0-2)
						Sample Date	02/13/2024	02/13/2024	02/12/2024	02/12/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.48 <i>UJ</i>	0.49 <i>UJ</i>	<i>R</i>	0.62 <i>J</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						0.013 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						0.0065 <i>U</i>
Dichlorprop	120-36-5									0.01 <i>U</i>
Picloram	1918-02-1									0.0088 <i>U</i>
Silvex	93-72-1	3.8		3.8	500					0.0073 <i>U</i>
Metals (mg/kg)										
Aluminum	7429-90-5		10000				6400 <i>J</i>	8770 <i>J</i>	6310	12400
Antimony	7440-36-0		12				0.63 <i>J</i>	0.59 <i>J</i>	0.48 <i>J</i>	1.6 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		6 <i>J</i>	6 <i>J</i>	4.2	9
Barium	7440-39-3	350	433	820	400		181 <i>J</i>	63.3 <i>J</i>	48.8 <i>J</i>	112 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	590		0.26 <i>J</i>	0.49 <i>J</i>	0.23	0.54
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.081 <i>J</i>	0.037 <i>J</i>	0.052 <i>J</i>	0.6
Calcium	7440-70-2		10000				45100 <i>J</i>	45500 <i>J</i>	55000 <i>J</i>	5640 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		9.3 <i>J</i>	11.2 <i>J</i>	8	16.6
Cobalt	7440-48-4		20				6 <i>J</i>	7.9 <i>J</i>	5.3	9.4
Copper	7440-50-8	50	50	1720	270		22.3 <i>J</i>	12.7 <i>J</i>	18.8 <i>J</i>	27.6 <i>J</i>
Iron	7439-89-6						16800	16500	13700	24500
Lead	7439-92-1	63	63	450	1000		20.2 <i>J</i>	11.7 <i>J</i>	10.8	166
Magnesium	7439-95-4						7360 <i>J</i>	20200 <i>J</i>	8650	3950
Manganese	7439-96-5	1600	1600	2000	10000		398 <i>J</i>	280 <i>J</i>	370 <i>J</i>	474 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.0087 <i>J</i>	0.0072 <i>J</i>	0.0049 <i>U</i>	0.1
Nickel	7440-02-0	30	30	130	310		20 <i>J</i>	19.3 <i>J</i>	19	43.8
Potassium	7440-09-7						1020 <i>J</i>	1870 <i>J</i>	977	1630
Selenium	7782-49-2	3.9	3.9	4	1500		0.41 <i>UJ</i>	0.41 <i>UJ</i>	0.42 <i>U</i>	0.65 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.21 <i>J</i>	0.2 <i>J</i>	0.44 <i>J</i>	0.24 <i>U</i>
Sodium	7440-23-5						114 <i>J</i>	118 <i>J</i>	93.7 <i>J</i>	59.6 <i>U</i>
Thallium	7440-28-0		5				0.31 <i>UJ</i>	0.31 <i>UJ</i>	0.31 <i>U</i>	0.37 <i>U</i>
Vanadium	7440-62-2		39				23.3 <i>J</i>	27.1 <i>J</i>	59	21.3
Zinc	7440-66-6	109	109	2480	10000		54.9 <i>J</i>	47.6 <i>J</i>	54.3	122
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-23	SS-24	SS-25	SS-26
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Commercial ^{b,c,f}	Sample ID	SS-23-(0-2)	SS-24-(0-2)	SS-25-(0-2)	SS-26-(0-2)
				Groundwater ^{b,c,e}		Sample Date	02/13/2024	02/13/2024	02/12/2024	02/12/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									0.00014 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									0.00012 U
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									0.000029 U
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									0.00043 U
3:3 perfluorohexanoic acid	356-02-5									0.00021 U
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									0.000095 U
4:2 fluorotelomer sulfonate	757124-72-4									0.000091 U
6:2 Fluorotelomer sulfonic acid	27619-97-2									0.00057 U
7:3 FTCA	812-70-4									0.00036 U
8:2 Fluorotelomer sulfonic acid	39108-34-4									0.00014 U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									0.00006 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									0.00011 U
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									0.00013 U
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									0.000037 UJ
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									0.000028 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8									0.000028 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									0.000057 U
Perfluoro-3-methoxypropanoic acid	377-73-1									0.00011 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									0.000047 U
Perfluoro(4-methoxybutanoic) acid	863090-89-5									0.000022 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5									0.000016 U
Perfluorobutanoic acid	375-22-4									0.000044 U
Perfluorodecanesulfonic acid (PFDS)	335-77-3									0.000024 U
Perfluorodecanoic acid	335-76-2									0.000088 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									0.00002 U
Perfluorododecanoic Acid	307-55-1									0.000066 U
Perfluoroheptanesulfonic acid	375-92-8									0.000033 U
Perfluoroheptanoic acid	375-85-9									0.000049 U
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									0.000024 U
Perfluorohexanoic acid	307-24-4									0.000025 U
Perfluorononanesulfonic acid	68259-12-1									0.000033 U
Perfluorononanoic acid	375-95-1									0.000085 J
Perfluorooctanesulfonamide (PFOSA)	754-91-6									0.000014 U
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					0.00041
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					0.000082 J
Perfluoropentanesulfonic acid	2706-91-4									0.000015 U
Perfluoropentanoic Acid	2706-90-3									0.000027 U
Perfluorotetradecanoic Acid	376-06-7									0.00002 U
Perfluorotridecanoic Acid	72629-94-8									0.000033 U
Perfluoroundecanoic Acid	2058-94-8									0.000083 J

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-23	SS-24	SS-25	SS-26
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-23-(0-2)	SS-24-(0-2)	SS-25-(0-2)	SS-26-(0-2)
Sample Date										
02/13/202402/13/202402/12/202402/12/2024										
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					0.0079 U
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					0.0085 U
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					0.0095 U
Aldrin	309-00-2	0.005	0.14	0.19	0.68					0.01 U
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					0.0073 U
beta-BHC	319-85-7	0.036	0.6	0.09	3					0.0073 U
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					0.02 U
delta-BHC	319-86-8	0.04	0.04	0.25	500					0.0076 U
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					0.0098 U
Endosulfan I	959-98-8	2.4		102	200					0.0078 U
Endosulfan II	33213-65-9	2.4		102	200					0.0073 U
Endosulfan sulfate	1031-07-8	2.4		1000	200					0.0076 U
Endrin	72-20-8	0.014	0.014	0.06	89					0.0081 U
Endrin aldehyde	7421-93-4									0.01 U
Endrin ketone	53494-70-5									0.01 U
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					0.0075 U
gamma-Chlordane	5566-34-7			14						0.013 U
Heptachlor	76-44-8	0.042	0.14	0.38	15					0.0088 U
Heptachlor epoxide	1024-57-3			0.02						0.01 U
Methoxychlor	72-43-5		1.2	900						0.0083 U
Toxaphene	8001-35-2									0.24 U
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS NA HEM									48.8 U
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					0.049 U
Aroclor 1221	11104-28-2	0.1	1	3.2	1					0.049 U
Aroclor 1232	11141-16-5	0.1	1	3.2	1					0.049 U
Aroclor 1242	53469-21-9	0.1	1	3.2	1					0.049 U
Aroclor 1248	12672-29-6	0.1	1	3.2	1					0.049 U
Aroclor 1254	11097-69-1	0.1	1	3.2	1					0.12 U
Aroclor 1260	11096-82-5	0.1	1	3.2	1					0.12 U
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			3.5 U	3.6 U	3.5 U	0.41 U
Acenaphthene	83-32-9	20	20	98	500		2.6 U	2.6 U	2.6 U	0.3 U
Acenaphthylene	208-96-8	100		107	500		2.3 U	2.3 U	2.3 U	0.27 U
Anthracene	120-12-7	100		1000	500		4.3 U	4.4 U	4.3 U	0.51 U
Benzo[a]anthracene	56-55-3	1		1	5.6		1.8 U	1.8 U	1.7 U	2.7
Benzo[a]pyrene	50-32-8	1	2.6	22	1		2.6 U	2.6 U	2.6 U	3.4
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		2.8 U	2.8 U	2.8 U	4.2
Benzo[g,h,i]perylene	191-24-2	100		1000	500		1.9 U	1.9 U	1.8 U	1.4 J
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		2.3 U	2.3 U	2.3 U	1.8 J
Chrysene	218-01-9	1		1	56		3.9 U	4 U	3.9 U	3
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		3.1 U	3.1 U	3.1 U	0.44 J
Fluoranthene	206-44-0	100		1000	500		1.9 U	1.9 U	1.8 U	5.1
Fluorene	86-73-7	30	30	386	500		2.1 U	2.1 U	2.1 U	0.24 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		2.2 U	2.2 U	2.2 U	1.3 J
Naphthalene	91-20-3	12		12	500		2.3 U	2.3 U	2.3 U	0.27 U
Phenanthrene	85-01-8	100		1000	500		2.6 U	2.6 U	2.6 U	1.6 J
Pyrene	129-00-0	100		1000	500		2.1 U	2.1 U	2.1 U	4
1,1'-Biphenyl	92-52-4		60				2.6 U	2.6 U	2.6 U	0.3 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-23	SS-24	SS-25	SS-26
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SS-23-(0-2) 02/13/2024	SS-24-(0-2) 02/13/2024	SS-25-(0-2) 02/12/2024	SS-26-(0-2) 02/12/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					0.67 <i>U</i>
2-Chloronaphthalene	91-58-7						2.9 <i>U</i>	2.9 <i>U</i>	2.9 <i>U</i>	0.34 <i>U</i>
2-Chlorophenol	95-57-8		0.8				3.2 <i>U</i>	3.2 <i>U</i>	3.2 <i>U</i>	0.37 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		2.1 <i>U</i>	2.1 <i>U</i>	2.1 <i>U</i>	0.24 <i>U</i>
2-Nitroaniline	88-74-4			0.4			2.6 <i>U</i>	2.6 <i>U</i>	2.6 <i>U</i>	0.3 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			5 <i>U</i>	5 <i>U</i>	4.9 <i>U</i>	0.58 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						3.5 <i>U</i>	3.6 <i>U</i>	3.5 <i>U</i>	0.41 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			1.9 <i>U</i>	1.9 <i>U</i>	1.8 <i>U</i>	0.22 <i>U</i>
2,4-Dimethylphenol	105-67-9						4.2 <i>U</i>	4.3 <i>U</i>	4.2 <i>U</i>	0.5 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			81 <i>U</i>	82 <i>U</i>	80 <i>U</i>	9.5 <i>U</i>
2,4-Dinitrotoluene	121-14-2						3.6 <i>U</i>	3.7 <i>U</i>	3.6 <i>U</i>	0.42 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			4.7 <i>U</i>	4.8 <i>U</i>	4.7 <i>U</i>	0.56 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				3.5 <i>U</i>	3.6 <i>U</i>	3.5 <i>U</i>	0.41 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			2.1 <i>U</i>	2.1 <i>U</i>	2.1 <i>U</i>	0.24 <i>U</i>
3-Nitroaniline	99-09-2			0.5			4.8 <i>U</i>	4.9 <i>U</i>	4.8 <i>U</i>	0.57 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						21 <i>U</i>	21 <i>U</i>	21 <i>U</i>	2.4 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						2.5 <i>U</i>	2.5 <i>U</i>	2.5 <i>U</i>	0.29 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						4.3 <i>U</i>	4.4 <i>U</i>	4.3 <i>U</i>	0.51 <i>U</i>
4-Chloroaniline	106-47-8			0.22			4.3 <i>U</i>	4.4 <i>U</i>	4.3 <i>U</i>	0.51 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						2.2 <i>U</i>	2.2 <i>U</i>	2.2 <i>U</i>	0.25 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		2.1 <i>U</i>	2.1 <i>U</i>	2.1 <i>U</i>	0.24 <i>U</i>
4-Nitroaniline	100-01-6						9.2 <i>U</i>	9.3 <i>U</i>	9.1 <i>U</i>	1.1 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			12 <i>U</i>	12 <i>U</i>	12 <i>U</i>	1.4 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						18 <i>U</i>	18 <i>U</i>	17 <i>U</i>	2.1 <i>U</i>
Acetophenone	98-86-2						2.4 <i>U</i>	2.4 <i>U</i>	2.4 <i>U</i>	0.28 <i>U</i>
Atrazine	1912-24-9						6.1 <i>U</i>	6.2 <i>U</i>	6.1 <i>U</i>	0.71 <i>U</i>
Benzaldehyde	100-52-7						14 <i>U</i>	14 <i>U</i>	14 <i>U</i>	1.6 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						2.3 <i>U</i>	2.3 <i>U</i>	2.3 <i>U</i>	0.27 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						3.7 <i>U</i>	3.8 <i>U</i>	3.7 <i>U</i>	0.44 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			6 <i>U</i>	6.1 <i>U</i>	5.9 <i>U</i>	0.7 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			2.9 <i>U</i>	2.9 <i>U</i>	2.9 <i>U</i>	0.5 <i>J</i>
Carbazole	86-74-8						2.1 <i>U</i>	2.1 <i>U</i>	2.1 <i>U</i>	0.24 <i>J</i>
Caprolactam	105-60-2						5.3 <i>U</i>	5.3 <i>U</i>	5.2 <i>U</i>	0.62 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			3 <i>U</i>	3 <i>U</i>	3 <i>U</i>	0.35 <i>U</i>
Di-n-octylphthalate	117-84-0			120			2.1 <i>U</i>	2.1 <i>U</i>	2.1 <i>U</i>	0.24 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		2.1 <i>U</i>	2.1 <i>U</i>	2.1 <i>U</i>	0.24 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			2.3 <i>U</i>	2.3 <i>U</i>	2.3 <i>U</i>	0.27 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			2.1 <i>U</i>	2.1 <i>U</i>	2.1 <i>U</i>	0.24 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		2.4 <i>U</i>	2.4 <i>U</i>	2.4 <i>U</i>	0.28 <i>U</i>
Hexachlorobutadiene	87-68-3						2.6 <i>U</i>	2.6 <i>U</i>	2.6 <i>U</i>	0.3 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				2.4 <i>U</i>	2.4 <i>U</i>	2.4 <i>U</i>	0.28 <i>U</i>
Hexachloroethane	67-72-1						2.3 <i>U</i>	2.3 <i>U</i>	2.3 <i>U</i>	0.27 <i>U</i>
Isophorone	78-59-1			4.4			3.7 <i>U</i>	3.8 <i>U</i>	3.7 <i>U</i>	0.44 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						3 <i>U</i>	3 <i>U</i>	3 <i>U</i>	0.35 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				14 <i>U</i>	14 <i>U</i>	14 <i>U</i>	1.7 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		2 <i>U</i>	2 <i>U</i>	1.9 <i>U</i>	0.23 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		18 <i>U</i>	18 <i>U</i>	17 <i>U</i>	0.0066 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		2.7 <i>U</i>	2.7 <i>U</i>	2.7 <i>U</i>	0.31 <i>U</i>

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-23	SS-24	SS-25	SS-26
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-23-(0-2)	SS-24-(0-2)	SS-25-(0-2)	SS-26-(0-2)
Sample Date										
02/13/202402/13/202402/12/202402/12/2024										
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					0.00035 U
1,1-Dichloroethene	75-35-4	0.33		0.33	500					0.00035 U
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					0.00021 U
1,1,1,2-Tetrachloroethane	630-20-6									0.00029 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						0.00066 U
1,1,2-Trichloroethane	79-00-5									0.00038 U
1,1,2,2-Tetrachloroethane	79-34-5			0.6						0.00047 U
1,2-Dibromo-3-chloropropane	96-12-8									0.0014 U
1,2-Dibromoethane	106-93-4									0.00037 U
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					0.00023 U
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					0.00015 U
1,2-Dichloropropane	78-87-5		700							0.0014 U
1,2,4-Trichlorobenzene	120-82-1		20	3.4						0.00018 U
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					0.00055 U
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					0.00015 U
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					0.00019 U
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					0.0004 U
2-Butanone	78-93-3	0.12	100	0.3	500					0.0011 U
2-Hexanone	591-78-6									0.0014 U
4-Methyl-2-pentanone	108-10-1			1						0.00095 U
Acetone	67-64-1	0.05	2.2	0.05	500					0.0024 U
Benzene	71-43-2	0.06	70	0.06	44					0.00014 U
Bromodichloromethane	75-27-4									0.00039 U
Bromoform	75-25-2									0.0014 U
Bromomethane	74-83-9									0.00026 U
Carbon disulfide	75-15-0			2.7						0.0014 U
Carbon Tetrachloride	56-23-5	0.76		0.76	22					0.00028 U
Chlorobenzene	108-90-7	1.1	40	1.1	500					0.00038 U
Chloroethane	75-00-3			1.9						0.00065 U
Chloroform	67-66-3	0.37	12	0.37	350					0.00018 U
Chloromethane	74-87-3									0.00017 U
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					0.00037 U
cis-1,3-Dichloropropene	10061-01-5									0.00042 U
Cyclohexane	110-82-7									0.0004 U
Dibromochloromethane	124-48-1		10							0.00037 U
Dichlorodifluoromethane	75-71-8									0.00024 UJ
Ethylbenzene	100-41-4	1		1	390					0.0002 U
Isopropylbenzene	98-82-8			2.3						0.00044 U
m,p-Xylene	179601-23-1									0.00049 U
Methyl Acetate	79-20-9									0.0017 U
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					0.00028 U
Methylcyclohexane	108-87-2									0.00044 U
Methylene Chloride	75-09-2	0.05	12	0.05	500					0.0013 U
n-Butylbenzene	104-51-8	12		12	500					0.00025 U
n-Propylbenzene	103-65-1	3.9		3.9	500					0.00023 U
o-Xylene	95-47-6									0.00038 U
sec-Butylbenzene	135-98-8	11		11	500					0.00025 U
Styrene	100-42-5		300							0.00014 U
tert-Butylbenzene	98-06-6	5.9		5.9	500					0.0003 U
Tetrachloroethene	127-18-4	1.3	2	1.3	150					0.00039 U

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-23	SS-24	SS-25	SS-26
							SS-23-(0-2)	SS-24-(0-2)	SS-25-(0-2)	SS-26-(0-2)
							02/13/2024	02/13/2024	02/12/2024	02/12/2024
Toluene	108-88-3	0.7	36	0.7	500					0.00022 <i>U</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					0.0003 <i>U</i>
trans-1,3-Dichloropropene	10061-02-6									0.0013 <i>U</i>
Trichloroethylene	79-01-6	0.47	2	0.47	200					0.00064 <i>U</i>
Trichlorofluoromethane	75-69-4									0.00027 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	13					0.00035 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	500					0.00049 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SS-27	SS-28	SS-3	SS-3
						Sample ID	SS-27-(0-2)	SS-28-(0-2)	FDUP3_021624	SS-3-(0-2)
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		R	R	R	R
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5						
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9						
Dichlorprop	120-36-5									
Picloram	1918-02-1									
Silvex	93-72-1	3.8		3.8	500					
Metals (mg/kg)										
Aluminum	7429-90-5		10000				8090	6510	10700	11800
Antimony	7440-36-0		12				0.73 J	0.43 UJ	4 J	3.7 J
Arsenic	7440-38-2	13	13	16	16		4.5	3.7	27.7	29.7
Barium	7440-39-3	350	433	820	400		80.3 J	38.1 J	132	129
Beryllium	7440-41-7	7.2	10	47	590		0.33	0.25	0.57	0.63
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.25	0.032 U	3.1	3.5
Calcium	7440-70-2		10000				13500 J	61700 J	5040 J	3410 J
Chromium ^g	7440-47-3	1	1	19	400		12.2	9.3	16.8	17.7
Cobalt	7440-48-4		20				6	5.2	8.7	9.4
Copper	7440-50-8	50	50	1720	270		18.1 J	15 J	37	40.2
Iron	7439-89-6						16200	14000	19300	20800
Lead	7439-92-1	63	63	450	1000		36.7	10	1180 J	1300 J
Magnesium	7439-95-4						5900	7640	2750	2980
Manganese	7439-96-5	1600	1600	2000	10000		408 J	602 J	469 J	520 J
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.029	0.005 U	0.19	0.2
Nickel	7440-02-0	30	30	130	310		14.8	17.9	21.9	23.1
Potassium	7440-09-7						1060	901	1830	2120
Selenium	7782-49-2	3.9	3.9	4	1500		0.46 U	0.43 U	1.7 J	1.5 J
Silver	7440-22-4	2	2	8.3	1500		0.23 U	0.24 J	0.3 U	0.32 U
Sodium	7440-23-5						56.2 U	101 J	103 J	102 J
Thallium	7440-28-0		5				0.34 U	0.32 U	0.45 U	0.48 U
Vanadium	7440-62-2		39				14.1	22.9	20	22.3
Zinc	7440-66-6	109	109	2480	10000		90.7	49.2	168	180
TCLP Metals (mg/L)										
Arsenic	7440-38-2									
Barium	7440-39-3									
Cadmium	7440-43-9									
Chromium	7440-47-3									
Lead	7439-92-1									
Mercury	7439-97-6									
Selenium	7782-49-2									
Silver	7440-22-4									

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SS-27	SS-28	SS-3	SS-3
						Sample ID	SS-27-(0-2)	SS-28-(0-2)	FDUP3_021624	SS-3-(0-2)
						Sample Date	02/12/2024	02/12/2024	02/16/2024	02/16/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9									
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7									
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9									
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3									
3:3 perfluorohexanoic acid	356-02-5									
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4									
4:2 fluorotelomer sulfonate	757124-72-4									
6:2 Fluorotelomer sulfonic acid	27619-97-2									
7:3 FTCA	812-70-4									
8:2 Fluorotelomer sulfonic acid	39108-34-4									
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6									
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2									
N-ethylperfluoro-1-octanesulfonamide	4151-50-2									
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6									
N-methylperfluoro-1-octanesulfonamide	31506-32-8									
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6									
Perfluoro-3-methoxypropanoic acid	377-73-1									
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7									
Perfluoro(4-methoxybutanoic) acid	863090-89-5									
Perfluorobutanesulfonic acid (PFBS)	375-73-5									
Perfluorobutanoic acid	375-22-4									
Perfluorodecanesulfonic acid (PFDS)	335-77-3									
Perfluorodecanoic acid	335-76-2									
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5									
Perfluorododecanoic Acid	307-55-1									
Perfluoroheptanesulfonic acid	375-92-8									
Perfluoroheptanoic acid	375-85-9									
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4									
Perfluorohexanoic acid	307-24-4									
Perfluorononanesulfonic acid	68259-12-1									
Perfluorononanoic acid	375-95-1									
Perfluorooctanesulfonamide (PFOSA)	754-91-6									
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44					
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5					
Perfluoropentanesulfonic acid	2706-91-4									
Perfluoropentanoic Acid	2706-90-3									
Perfluorotetradecanoic Acid	376-06-7									
Perfluorotridecanoic Acid	72629-94-8									
Perfluoroundecanoic Acid	2058-94-8									

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SS-27	SS-28	SS-3	SS-3
						Sample ID Sample Date	SS-27-(0-2) 02/12/2024	SS-28-(0-2) 02/12/2024	FDUP3_021624 02/16/2024	SS-3-(0-2) 02/16/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92					
4,4'-DDE	72-55-9	0.0033	0.0033	17	62					
4,4'-DDT	50-29-3	0.0033	0.0033	136	47					
Aldrin	309-00-2	0.005		0.19	0.68					
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4					
beta-BHC	319-85-7	0.036	0.6	0.09	3					
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24					
delta-BHC	319-86-8	0.04	0.04	0.25	500					
Dieldrin	60-57-1	0.005	0.006	0.1	1.4					
Endosulfan I	959-98-8	2.4		102	200					
Endosulfan II	33213-65-9	2.4		102	200					
Endosulfan sulfate	1031-07-8	2.4		1000	200					
Endrin	72-20-8	0.014	0.014	0.06	89					
Endrin aldehyde	7421-93-4									
Endrin ketone	53494-70-5									
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2					
gamma-Chlordane	5566-34-7			14						
Heptachlor	76-44-8	0.042	0.14	0.38	15					
Heptachlor epoxide	1024-57-3			0.02						
Methoxychlor	72-43-5		1.2	900						
Toxaphene	8001-35-2									
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM									
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1					
Aroclor 1221	11104-28-2	0.1	1	3.2	1					
Aroclor 1232	11141-16-5	0.1	1	3.2	1					
Aroclor 1242	53469-21-9	0.1	1	3.2	1					
Aroclor 1248	12672-29-6	0.1	1	3.2	1					
Aroclor 1254	11097-69-1	0.1	1	3.2	1					
Aroclor 1260	11096-82-5	0.1	1	3.2	1					
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.19 <i>UJ</i>	7 <i>U</i>	0.25 <i>UJ</i>	0.053 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.14 <i>UJ</i>	5.2 <i>U</i>	0.18 <i>UJ</i>	0.039 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.12 <i>UJ</i>	4.6 <i>U</i>	0.22 <i>J</i>	0.29
Anthracene	120-12-7	100		1000	500		0.23 <i>UJ</i>	8.7 <i>U</i>	0.3 <i>UJ</i>	0.17 <i>J</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.35 <i>J</i>	3.5 <i>U</i>	0.42 <i>J</i>	0.7
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.33 <i>J</i>	5.2 <i>U</i>	0.48 <i>J</i>	0.87
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.44 <i>J</i>	5.6 <i>U</i>	0.66 <i>J</i>	1.2
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.17 <i>J</i>	3.7 <i>U</i>	0.25 <i>J</i>	0.41
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.19 <i>J</i>	4.6 <i>U</i>	0.24 <i>J</i>	0.44
Chrysene	218-01-9	1		1	56		0.4 <i>J</i>	7.9 <i>U</i>	0.46 <i>J</i>	0.73
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.17 <i>UJ</i>	6.2 <i>U</i>	0.22 <i>UJ</i>	0.12 <i>J</i>
Fluoranthene	206-44-0	100		1000	500		0.88 <i>J</i>	3.7 <i>U</i>	0.72 <i>J</i>	1.2
Fluorene	86-73-7	30	30	386	500		0.11 <i>UJ</i>	4.1 <i>U</i>	0.14 <i>UJ</i>	0.056 <i>J</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.2 <i>J</i>	4.4 <i>U</i>	0.21 <i>J</i>	0.38
Naphthalene	91-20-3	12		12	500		0.12 <i>UJ</i>	4.6 <i>U</i>	0.16 <i>UJ</i>	0.034 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.71 <i>J</i>	5.2 <i>U</i>	0.29 <i>J</i>	0.47
Pyrene	129-00-0	100		1000	500		0.62 <i>J</i>	4.1 <i>U</i>	0.58 <i>J</i>	1
1,1'-Biphenyl	92-52-4		60				0.14 <i>UJ</i>	5.2 <i>U</i>	0.18 <i>UJ</i>	0.039 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SS-27	SS-28	SS-3	SS-3
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}		SS-27-(0-2) 02/12/2024	SS-28-(0-2) 02/12/2024	FDUP3_021624 02/16/2024	SS-3-(0-2) 02/16/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130					
2-Chloronaphthalene	91-58-7						0.16 <i>UJ</i>	5.8 <i>U</i>	0.2 <i>UJ</i>	0.043 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.17 <i>U</i>	6.4 <i>U</i>	0.22 <i>U</i>	0.048 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.11 <i>U</i>	4.1 <i>U</i>	0.14 <i>U</i>	0.031 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.14 <i>UJ</i>	5.2 <i>U</i>	0.18 <i>UJ</i>	0.039 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.27 <i>U</i>	10 <i>U</i>	0.35 <i>U</i>	0.074 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.19 <i>UJ</i>	7 <i>U</i>	0.25 <i>UJ</i>	0.053 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.1 <i>U</i>	3.7 <i>U</i>	0.13 <i>U</i>	0.028 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.23 <i>U</i>	8.5 <i>U</i>	0.3 <i>U</i>	0.064 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			4.4 <i>U</i>	160 <i>U</i>	5.7 <i>U</i>	1.2 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.2 <i>UJ</i>	7.3 <i>U</i>	0.25 <i>UJ</i>	0.054 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.26 <i>U</i>	9.5 <i>U</i>	0.33 <i>U</i>	0.071 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.19 <i>U</i>	7 <i>U</i>	0.25 <i>U</i>	0.053 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.11 <i>UJ</i>	4.1 <i>U</i>	0.14 <i>UJ</i>	0.031 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.26 <i>UJ</i>	9.7 <i>U</i>	0.34 <i>UJ</i>	0.073 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						1.1 <i>UJ</i>	41 <i>U</i>	1.4 <i>UJ</i>	0.31 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.13 <i>UJ</i>	5 <i>U</i>	0.17 <i>UJ</i>	0.037 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.23 <i>U</i>	8.7 <i>U</i>	0.3 <i>U</i>	0.065 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.23 <i>UJ</i>	8.7 <i>U</i>	0.3 <i>UJ</i>	0.065 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.12 <i>UJ</i>	4.4 <i>U</i>	0.15 <i>UJ</i>	0.033 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.11 <i>U</i>	4.1 <i>U</i>	0.14 <i>U</i>	0.031 <i>U</i>
4-Nitroaniline	100-01-6						0.5 <i>UJ</i>	18 <i>U</i>	0.64 <i>UJ</i>	0.14 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.67 <i>U</i>	25 <i>U</i>	0.86 <i>U</i>	0.18 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.95 <i>U</i>	35 <i>U</i>	1.2 <i>U</i>	0.26 <i>U</i>
Acetophenone	98-86-2						0.13 <i>UJ</i>	4.8 <i>U</i>	0.17 <i>UJ</i>	0.036 <i>U</i>
Atrazine	1912-24-9						0.33 <i>UJ</i>	12 <i>U</i>	0.43 <i>UJ</i>	0.092 <i>U</i>
Benzaldehyde	100-52-7						0.75 <i>UJ</i>	28 <i>U</i>	0.98 <i>UJ</i>	0.21 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.12 <i>UJ</i>	4.6 <i>U</i>	0.16 <i>UJ</i>	0.034 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.2 <i>UJ</i>	7.5 <i>U</i>	0.26 <i>UJ</i>	0.056 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.32 <i>UJ</i>	12 <i>U</i>	0.42 <i>UJ</i>	0.09 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.16 <i>UJ</i>	5.8 <i>U</i>	0.2 <i>UJ</i>	0.043 <i>U</i>
Carbazole	86-74-8						0.11 <i>UJ</i>	4.1 <i>U</i>	0.14 <i>UJ</i>	0.05 <i>J</i>
Caprolactam	105-60-2						0.29 <i>UJ</i>	11 <i>U</i>	0.37 <i>UJ</i>	0.079 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.16 <i>UJ</i>	6 <i>U</i>	0.21 <i>UJ</i>	0.045 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.11 <i>UJ</i>	4.1 <i>U</i>	0.14 <i>UJ</i>	0.031 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.11 <i>UJ</i>	4.1 <i>U</i>	0.14 <i>UJ</i>	0.035 <i>J</i>
Diethyl phthalate	84-66-2		100	7.1			0.12 <i>UJ</i>	4.6 <i>U</i>	0.16 <i>UJ</i>	0.034 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.11 <i>UJ</i>	4.1 <i>U</i>	0.14 <i>UJ</i>	0.031 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.13 <i>UJ</i>	4.8 <i>U</i>	0.17 <i>UJ</i>	0.036 <i>U</i>
Hexachlorobutadiene	87-68-3						0.14 <i>UJ</i>	5.2 <i>U</i>	0.18 <i>UJ</i>	0.039 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.13 <i>UJ</i>	4.8 <i>U</i>	0.17 <i>UJ</i>	0.036 <i>U</i>
Hexachloroethane	67-72-1						0.12 <i>UJ</i>	4.6 <i>U</i>	0.16 <i>UJ</i>	0.034 <i>U</i>
Isophorone	78-59-1			4.4			0.2 <i>UJ</i>	7.5 <i>U</i>	0.26 <i>UJ</i>	0.056 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.16 <i>UJ</i>	6 <i>U</i>	0.21 <i>UJ</i>	0.045 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.77 <i>UJ</i>	29 <i>U</i>	1 <i>UJ</i>	0.21 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.11 <i>UJ</i>	3.9 <i>U</i>	0.14 <i>UJ</i>	0.029 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		0.95 <i>U</i>	35 <i>U</i>	1.2 <i>U</i>	0.26 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.15 <i>U</i>	5.4 <i>U</i>	0.19 <i>U</i>	0.04 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-27	SS-28	SS-3	SS-3
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-27-(0-2)	SS-28-(0-2)	FDUP3_021624	SS-3-(0-2)
						Sample Date	02/12/2024	02/12/2024	02/16/2024	02/16/2024
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	240					
1,1-Dichloroethene	75-35-4	0.33		0.33	500					
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500					
1,1,1,2-Tetrachloroethane	630-20-6									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6						
1,1,2-Trichloroethane	79-00-5									
1,1,2,2-Tetrachloroethane	79-34-5			0.6						
1,2-Dibromo-3-chloropropane	96-12-8									
1,2-Dibromoethane	106-93-4									
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500					
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30					
1,2-Dichloropropane	78-87-5		700							
1,2,4-Trichlorobenzene	120-82-1		20	3.4						
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190					
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280					
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190					
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130					
2-Butanone	78-93-3	0.12	100	0.3	500					
2-Hexanone	591-78-6									
4-Methyl-2-pentanone	108-10-1			1						
Acetone	67-64-1	0.05	2.2	0.05	500					
Benzene	71-43-2	0.06	70	0.06	44					
Bromodichloromethane	75-27-4									
Bromoform	75-25-2									
Bromomethane	74-83-9									
Carbon disulfide	75-15-0			2.7						
Carbon Tetrachloride	56-23-5	0.76		0.76	22					
Chlorobenzene	108-90-7	1.1	40	1.1	500					
Chloroethane	75-00-3			1.9						
Chloroform	67-66-3	0.37	12	0.37	350					
Chloromethane	74-87-3									
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500					
cis-1,3-Dichloropropene	10061-01-5									
Cyclohexane	110-82-7									
Dibromochloromethane	124-48-1		10							
Dichlorodifluoromethane	75-71-8									
Ethylbenzene	100-41-4	1		1	390					
Isopropylbenzene	98-82-8			2.3						
m,p-Xylene	179601-23-1									
Methyl Acetate	79-20-9									
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500					
Methylcyclohexane	108-87-2									
Methylene Chloride	75-09-2	0.05	12	0.05	500					
n-Butylbenzene	104-51-8	12		12	500					
n-Propylbenzene	103-65-1	3.9		3.9	500					
o-Xylene	95-47-6									
sec-Butylbenzene	135-98-8	11		11	500					
Styrene	100-42-5		300							
tert-Butylbenzene	98-06-6	5.9		5.9	500					
Tetrachloroethene	127-18-4	1.3	2	1.3	150					

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-27	SS-28	SS-3	SS-3
							SS-27-(0-2)	SS-28-(0-2)	FDUP3_021624	SS-3-(0-2)
							02/12/2024	02/12/2024	02/16/2024	02/16/2024
Toluene	108-88-3	0.7	36	0.7	500					
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500					
trans-1,3-Dichloropropene	10061-02-6									
Trichloroethylene	79-01-6	0.47	2	0.47	200					
Trichlorofluoromethane	75-69-4									
Vinyl Chloride	75-01-4	0.02		0.02	13					
Xylenes	1330-20-7	0.26	0.26	1.6	500					

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SS-4	SS-5	SS-5	SS-6
						Sample ID	SS-4-(0-2)	FDUP2_021624	SS-5-(0-2)	SS-6-(0-2)
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.71 <i>UJ</i>	1.1 <i>J</i>	1.7	1.1 <i>J</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5				0.015 <i>U</i>	0.018 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9				0.0075 <i>U</i>	0.0091 <i>U</i>	
Dichlorprop	120-36-5							0.012 <i>U</i>	0.014 <i>U</i>	
Picloram	1918-02-1							0.01 <i>U</i>	0.012 <i>U</i>	
Silvex	93-72-1	3.8		3.8	500			0.0085 <i>U</i>	0.01 <i>U</i>	
Metals (mg/kg)										
Aluminum	7429-90-5		10000				10900	5890	6800	10900
Antimony	7440-36-0		12				0.71 <i>J</i>	2 <i>J</i>	2.7 <i>J</i>	1.2 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		10.4	36.8	44.3	10.1
Barium	7440-39-3	350	433	820	400		202	144	166	137
Beryllium	7440-41-7	7.2	10	47	590		0.62	0.43	0.52	0.53
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.59	2.7	3.3	0.43
Calcium	7440-70-2		10000				5910	6170	7140	3010 <i>J</i>
Chromium ^g	7440-47-3	1	1	19	400		14.1	11	13.1	16.9
Cobalt	7440-48-4		20				9.8	5.8	7	10.2
Copper	7440-50-8	50	50	1720	270		16.1	45.8	56.4	20.3
Iron	7439-89-6						21100	13000	15800	23600
Lead	7439-92-1	63	63	450	1000		56.7	511	637	59.4 <i>J</i>
Magnesium	7439-95-4						3880	1610	1860	3130
Manganese	7439-96-5	1600	1600	2000	10000		336 <i>J</i>	361 <i>J</i>	426 <i>J</i>	602 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.023 <i>J</i>	0.24 <i>J</i>	0.25 <i>J</i>	0.036
Nickel	7440-02-0	30	30	130	310		19.3	13.3	15.6	21.9
Potassium	7440-09-7						2330	1100	1250	1920
Selenium	7782-49-2	3.9	3.9	4	1500		0.95 <i>J</i>	3.9 <i>J</i>	1.3 <i>J</i>	0.65 <i>J</i>
Silver	7440-22-4	2	2	8.3	1500		0.34 <i>U</i>	0.3 <i>U</i>	0.35 <i>U</i>	0.31 <i>U</i>
Sodium	7440-23-5						86.3 <i>J</i>	83.9 <i>J</i>	93.6 <i>J</i>	173 <i>J</i>
Thallium	7440-28-0		5				0.51 <i>U</i>	0.45 <i>U</i>	0.52 <i>U</i>	0.46 <i>U</i>
Vanadium	7440-62-2		39				18.1	12.1	13.9	18.8
Zinc	7440-66-6	109	109	2480	10000		85	254	294	102
TCLP Metals (mg/L)										
Arsenic	7440-38-2							0.035	0.041	
Barium	7440-39-3							0.7 <i>J</i>	0.51 <i>J</i>	
Cadmium	7440-43-9							0.01	0.0079	
Chromium	7440-47-3							0.01 <i>U</i>	0.01 <i>U</i>	
Lead	7439-92-1							0.11	0.1	
Mercury	7439-97-6							0.000043 <i>U</i>	0.000043 <i>U</i>	
Selenium	7782-49-2							0.0087 <i>U</i>	0.0087 <i>U</i>	
Silver	7440-22-4							0.0017 <i>U</i>	0.0017 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-4	SS-5	SS-5	SS-6
							SS-4-(0-2) 02/16/2024	FDUP2_021624 02/16/2024	SS-5-(0-2) 02/16/2024	SS-6-(0-2) 02/16/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00023 <i>U</i>	0.00027 <i>U</i>	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00058 <i>U</i>	0.00068 <i>UJ</i>	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000058 <i>U</i>	0.000068 <i>U</i>	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.0014 <i>U</i>	0.0017 <i>U</i>	
3:3 perfluorohexanoic acid	356-02-5							0.00029 <i>U</i>	0.00034 <i>U</i>	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.00023 <i>U</i>	0.00027 <i>U</i>	
4:2 fluorotelomer sulfonate	757124-72-4							0.00023 <i>UJ</i>	0.00027 <i>U</i>	
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.00023 <i>UJ</i>	0.00027 <i>U</i>	
7:3 FTCA	812-70-4							0.0014 <i>U</i>	0.0017 <i>U</i>	
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00023 <i>U</i>	0.00027 <i>U</i>	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.00023 <i>U</i>	0.00027 <i>U</i>	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.00023 <i>U</i>	0.00027 <i>U</i>	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00058 <i>U</i>	0.00068 <i>UJ</i>	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000058 <i>U</i>	0.000068 <i>UJ</i>	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000058 <i>U</i>	0.000068 <i>U</i>	
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000058 <i>U</i>	0.000068 <i>UJ</i>	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.00012 <i>U</i>	0.00014 <i>U</i>	
Perfluoro-3-methoxypropanoic acid	377-73-1							0.00012 <i>U</i>	0.00014 <i>U</i>	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.00012 <i>U</i>	0.00014 <i>U</i>	
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.00012 <i>U</i>	0.00014 <i>U</i>	
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000058 <i>U</i>	0.000068 <i>U</i>	
Perfluorobutanoic acid	375-22-4							0.00032 <i>J</i>	0.0006 <i>J</i>	
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000058 <i>U</i>	0.000068 <i>U</i>	
Perfluorodecanoic acid	335-76-2							0.0002 <i>J</i>	0.00026 <i>J</i>	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000058 <i>U</i>	0.000068 <i>U</i>	
Perfluorododecanoic Acid	307-55-1							0.00015 <i>J</i>	0.00018 <i>J</i>	
Perfluoroheptanesulfonic acid	375-92-8							0.000058 <i>U</i>	0.000068 <i>U</i>	
Perfluoroheptanoic acid	375-85-9							0.00012 <i>J</i>	0.00014 <i>J</i>	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000058 <i>U</i>	0.000068 <i>U</i>	
Perfluorohexanoic acid	307-24-4							0.000098 <i>J</i>	0.00012 <i>J</i>	
Perfluorononanesulfonic acid	68259-12-1							0.000058 <i>U</i>	0.000068 <i>U</i>	
Perfluorononanoic acid	375-95-1							0.00023	0.0003	
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.00019 <i>J</i>	0.00018 <i>J</i>	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44			<u>0.0014</u>	<u>0.0016</u>	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5			0.00019 <i>J</i>	0.00023 <i>J</i>	
Perfluoropentanesulfonic acid	2706-91-4							0.000058 <i>U</i>	0.000068 <i>U</i>	
Perfluoropentanoic Acid	2706-90-3							0.00012 <i>U</i>	0.0002 <i>J</i>	
Perfluorotetradecanoic Acid	376-06-7							0.000058 <i>U</i>	0.000068 <i>U</i>	
Perfluorotridecanoic Acid	72629-94-8							0.000086 <i>J</i>	0.00011 <i>J</i>	
Perfluoroundecanoic Acid	2058-94-8							0.00019 <i>J</i>	0.00025 <i>J</i>	

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Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID	SS-4	SS-5	SS-5	SS-6
						Sample ID Sample Date	SS-4-(0-2) 02/16/2024	FDUP2_021624 02/16/2024	SS-5-(0-2) 02/16/2024	SS-6-(0-2) 02/16/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	92			0.0023 <i>U</i>	0.0028 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	62			0.0025 <i>U</i>	0.003 <i>U</i>	
4,4'-DDT	50-29-3	0.0033	0.0033	136	47			0.012	0.013 <i>J</i>	
Aldrin	309-00-2	0.005	0.14	0.19	0.68			0.0029 <i>U</i>	0.0035 <i>U</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4			0.0021 <i>U</i>	0.0026 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	3			0.0021 <i>U</i>	0.0026 <i>U</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24			0.0058 <i>U</i>	0.0071 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	500			0.0022 <i>U</i>	0.0026 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	1.4			0.0028 <i>U</i>	0.0034 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	200			0.0022 <i>U</i>	0.0027 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	200			0.0021 <i>U</i>	0.0026 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	200			0.0022 <i>U</i>	0.0027 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	89			0.0053 <i>J</i>	0.005 <i>J</i>	
Endrin aldehyde	7421-93-4							0.003 <i>U</i>	0.0036 <i>U</i>	
Endrin ketone	53494-70-5							0.0032 <i>U</i>	0.0035 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2			0.0021 <i>U</i>	0.0026 <i>U</i>	
gamma-Chlordane	5566-34-7			14				0.0037 <i>U</i>	0.0045 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	15			0.0025 <i>U</i>	0.0031 <i>U</i>	
Heptachlor epoxide	1024-57-3			0.02				0.003 <i>U</i>	0.0037 <i>U</i>	
Methoxychlor	72-43-5		1.2	900				0.0024 <i>U</i>	0.006 <i>U</i>	
Toxaphene	8001-35-2							0.068 <i>U</i>	0.083 <i>U</i>	
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM							57.4 <i>U</i>	3420	
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1			0.064 <i>U</i>	0.067 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1			0.064 <i>U</i>	0.067 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1			0.064 <i>U</i>	0.067 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1			0.064 <i>U</i>	0.067 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1			0.064 <i>U</i>	0.067 <i>U</i>	
Aroclor 1254	11097-69-1	0.1	1	3.2	1			0.15 <i>U</i>	0.16 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1			0.15 <i>U</i>	0.16 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4			0.29 <i>UJ</i>	0.48 <i>U</i>	0.57 <i>U</i>	0.52 <i>U</i>
Acenaphthene	83-32-9	20	20	98	500		0.22 <i>UJ</i>	0.35 <i>U</i>	0.42 <i>U</i>	0.38 <i>U</i>
Acenaphthylene	208-96-8	100		107	500		0.19 <i>UJ</i>	0.87 <i>J</i>	1.5 <i>J</i>	0.34 <i>U</i>
Anthracene	120-12-7	100		1000	500		0.36 <i>UJ</i>	0.59 <i>U</i>	0.93 <i>J</i>	0.64 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	5.6		0.16 <i>J</i>	<u>3.5</u>	<u>6</u>	0.43 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.22 <i>UJ</i>	3	4.6	0.39 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.23 <i>UJ</i>	<u>4.4</u>	<u>6.6</u>	0.52 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.16 <i>UJ</i>	1.2 <i>J</i>	1.8 <i>J</i>	0.27 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.19 <i>UJ</i>	1.7 <i>J</i>	2.9	0.34 <i>U</i>
Chrysene	218-01-9	1		1	56		0.33 <i>UJ</i>	<u>3.9</u>	<u>5.8</u>	0.58 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.26 <i>UJ</i>	0.42 <i>U</i>	0.61 <i>J</i>	0.46 <i>U</i>
Fluoranthene	206-44-0	100		1000	500		0.28 <i>J</i>	5.9	11	0.87 <i>J</i>
Fluorene	86-73-7	30	30	386	500		0.17 <i>UJ</i>	0.28 <i>U</i>	0.34 <i>U</i>	0.31 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.18 <i>UJ</i>	1.2 <i>J</i>	1.9 <i>J</i>	0.32 <i>U</i>
Naphthalene	91-20-3	12		12	500		0.19 <i>UJ</i>	0.31 <i>U</i>	0.37 <i>U</i>	0.34 <i>U</i>
Phenanthrene	85-01-8	100		1000	500		0.22 <i>UJ</i>	1.3 <i>J</i>	2.4 <i>J</i>	0.38 <i>J</i>
Pyrene	129-00-0	100		1000	500		0.25 <i>J</i>	6.2	9.7	0.62 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.22 <i>UJ</i>	0.35 <i>U</i>	0.42 <i>U</i>	0.38 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-4	SS-5	SS-5	SS-6
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SS-4-(0-2) 02/16/2024	FDUP2_021624 02/16/2024	SS-5-(0-2) 02/16/2024	SS-6-(0-2) 02/16/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130			0.78 <i>U</i>	0.92 <i>U</i>	
2-Chloronaphthalene	91-58-7						0.24 <i>UJ</i>	0.4 <i>U</i>	0.47 <i>U</i>	0.43 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.27 <i>U</i>	0.44 <i>U</i>	0.52 <i>U</i>	0.47 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.17 <i>U</i>	0.28 <i>U</i>	0.34 <i>U</i>	0.31 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.22 <i>UJ</i>	0.35 <i>U</i>	0.42 <i>U</i>	0.38 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.42 <i>U</i>	0.68 <i>U</i>	0.81 <i>U</i>	0.73 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.29 <i>UJ</i>	0.48 <i>U</i>	0.57 <i>U</i>	0.52 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.16 <i>U</i>	0.25 <i>U</i>	0.3 <i>U</i>	0.27 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.35 <i>U</i>	0.58 <i>U</i>	0.69 <i>U</i>	0.63 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			6.8 <i>U</i>	11 <i>U</i>	13 <i>U</i>	12 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.3 <i>UJ</i>	0.49 <i>U</i>	0.59 <i>U</i>	0.53 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.4 <i>U</i>	0.65 <i>U</i>	0.77 <i>U</i>	0.7 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.29 <i>U</i>	0.48 <i>U</i>	0.57 <i>U</i>	0.52 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.17 <i>UJ</i>	0.28 <i>U</i>	0.34 <i>U</i>	0.31 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.41 <i>UJ</i>	0.66 <i>U</i>	0.79 <i>U</i>	0.72 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						1.7 <i>UJ</i>	2.8 <i>U</i>	3.4 <i>U</i>	3.1 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.21 <i>UJ</i>	0.34 <i>U</i>	0.4 <i>U</i>	0.37 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.36 <i>U</i>	0.59 <i>U</i>	0.7 <i>U</i>	0.64 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.36 <i>UJ</i>	0.59 <i>U</i>	0.7 <i>U</i>	0.64 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.18 <i>UJ</i>	0.3 <i>U</i>	0.35 <i>U</i>	0.32 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.17 <i>U</i>	0.28 <i>U</i>	0.34 <i>U</i>	0.31 <i>U</i>
4-Nitroaniline	100-01-6						0.77 <i>UJ</i>	1.3 <i>U</i>	1.5 <i>U</i>	1.4 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			1 <i>U</i>	1.7 <i>U</i>	2 <i>U</i>	1.8 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1.5 <i>U</i>	2.4 <i>U</i>	2.9 <i>U</i>	2.6 <i>U</i>
Acetophenone	98-86-2						0.2 <i>UJ</i>	0.33 <i>U</i>	0.39 <i>U</i>	0.35 <i>U</i>
Atrazine	1912-24-9						0.51 <i>UJ</i>	0.83 <i>U</i>	0.99 <i>U</i>	0.9 <i>U</i>
Benzaldehyde	100-52-7						1.2 <i>UJ</i>	1.9 <i>U</i>	2.3 <i>U</i>	2.1 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.19 <i>UJ</i>	0.31 <i>U</i>	0.37 <i>U</i>	0.34 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.31 <i>UJ</i>	0.51 <i>U</i>	0.6 <i>U</i>	0.55 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.5 <i>UJ</i>	0.82 <i>U</i>	0.97 <i>U</i>	0.89 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.24 <i>UJ</i>	0.4 <i>U</i>	0.47 <i>U</i>	0.43 <i>U</i>
Carbazole	86-74-8						0.17 <i>UJ</i>	0.28 <i>U</i>	0.34 <i>U</i>	0.31 <i>U</i>
Caprolactam	105-60-2						0.44 <i>UJ</i>	0.72 <i>U</i>	0.86 <i>U</i>	0.78 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.25 <i>UJ</i>	0.41 <i>U</i>	0.49 <i>U</i>	0.44 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.17 <i>UJ</i>	0.28 <i>U</i>	0.34 <i>U</i>	0.31 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	350		0.17 <i>UJ</i>	0.28 <i>U</i>	0.34 <i>U</i>	0.31 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.19 <i>UJ</i>	0.31 <i>U</i>	0.37 <i>U</i>	0.34 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.17 <i>UJ</i>	0.28 <i>U</i>	0.34 <i>U</i>	0.31 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.2 <i>UJ</i>	0.33 <i>U</i>	0.39 <i>U</i>	0.35 <i>U</i>
Hexachlorobutadiene	87-68-3						0.22 <i>UJ</i>	0.35 <i>U</i>	0.42 <i>U</i>	0.38 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.2 <i>UJ</i>	0.33 <i>U</i>	0.39 <i>U</i>	0.35 <i>U</i>
Hexachloroethane	67-72-1						0.19 <i>UJ</i>	0.31 <i>U</i>	0.37 <i>U</i>	0.34 <i>U</i>
Isophorone	78-59-1			4.4			0.31 <i>UJ</i>	0.51 <i>U</i>	0.6 <i>U</i>	0.55 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.25 <i>UJ</i>	0.41 <i>U</i>	0.49 <i>U</i>	0.44 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				1.2 <i>UJ</i>	2 <i>U</i>	2.3 <i>U</i>	2.1 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.16 <i>UJ</i>	0.27 <i>U</i>	0.32 <i>U</i>	0.29 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		1.5 <i>U</i>	0.0077 <i>U</i>	0.0092 <i>U</i>	2.6 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.23 <i>U</i>	0.37 <i>U</i>	0.44 <i>U</i>	0.4 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-4	SS-5	SS-5	SS-6
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-4-(0-2)	FDUP2_021624	SS-5-(0-2)	SS-6-(0-2)
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Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-4	SS-5	SS-5	SS-6
							SS-4-(0-2)	FDUP2_021624	SS-5-(0-2)	SS-6-(0-2)
							02/16/2024	02/16/2024	02/16/2024	02/16/2024
Toluene	108-88-3	0.7	36	0.7	500			0.0006 <i>U</i>	0.0008 <i>U</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500			0.00082 <i>U</i>	0.0011 <i>U</i>	
trans-1,3-Dichloropropene	10061-02-6							0.0035 <i>U</i>	0.0047 <i>U</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	200			0.0017 <i>U</i>	0.0023 <i>U</i>	
Trichlorofluoromethane	75-69-4							0.00075 <i>U</i>	0.001 <i>U</i>	
Vinyl Chloride	75-01-4	0.02		0.02	13			0.00097 <i>U</i>	0.0013 <i>U</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	500			0.0013 <i>U</i>	0.0018 <i>U</i>	

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

		NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-7	SS-8	SS-9
Analyte	CAS Number	Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID Sample Date	SS-7-(0-2) 02/19/2024	SS-8-(0-2) 02/16/2024	SS-9-(0-2) 02/16/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		1.1 J	0.7 J	1.9 J
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5					
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9					
Dichlorprop	120-36-5								
Picloram	1918-02-1								
Silvex	93-72-1	3.8		3.8	500				
Metals (mg/kg)									
Aluminum	7429-90-5		10000				12400	11300	7850
Antimony	7440-36-0		12				4.4 J	1.8 J	10.3 J
Arsenic	7440-38-2	13	13	16	16		10	8.5	15.1
Barium	7440-39-3	350	433	820	400		120	106	224
Beryllium	7440-41-7	7.2	10	47	590		0.58	0.5	0.38
Cadmium	7440-43-9	2.5	4	7.5	9.3		0.38	0.71	2.7
Calcium	7440-70-2		10000				2610 J	10200 J	14900 J
Chromium ^g	7440-47-3	1	1	19	400		19.4	28.2	13
Cobalt	7440-48-4		20				11.2	9.4	6
Copper	7440-50-8	50	50	1720	270		21.9	40.3	32.7
Iron	7439-89-6						28300	20500	15100
Lead	7439-92-1	63	63	450	1000		106 J	174 J	735 J
Magnesium	7439-95-4						4060	5900	3820
Manganese	7439-96-5	1600	1600	2000	10000		500 J	501 J	360 J
Mercury	7439-97-6	0.18	0.18	0.73	2.8		0.038	0.1 J	0.11
Nickel	7440-02-0	30	30	130	310		28.4	26.8	23.1
Potassium	7440-09-7						1690	1580	1730
Selenium	7782-49-2	3.9	3.9	4	1500		0.71 U	0.76 J	0.72 U
Silver	7440-22-4	2	2	8.3	1500		0.36 U	0.31 U	0.36 U
Sodium	7440-23-5						223 J	354	169 J
Thallium	7440-28-0		5				0.53 U	0.46 U	0.54 U
Vanadium	7440-62-2		39				22	32.7	19.1
Zinc	7440-66-6	109	109	2480	10000		107	175	113
TCLP Metals (mg/L)									
Arsenic	7440-38-2								
Barium	7440-39-3								
Cadmium	7440-43-9								
Chromium	7440-47-3								
Lead	7439-92-1								
Mercury	7439-97-6								
Selenium	7782-49-2								
Silver	7440-22-4								

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-7	SS-8	SS-9
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Commercial ^{b,c,f}	Sample ID	SS-7-(0-2)	SS-8-(0-2)	SS-9-(0-2)
				Groundwater ^{b,c,e}		Sample Date	02/19/2024	02/16/2024	02/16/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9								
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7								
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9								
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3								
3:3 perfluorohexanoic acid	356-02-5								
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4								
4:2 fluorotelomer sulfonate	757124-72-4								
6:2 Fluorotelomer sulfonic acid	27619-97-2								
7:3 FTCA	812-70-4								
8:2 Fluorotelomer sulfonic acid	39108-34-4								
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1								
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6								
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2								
N-ethylperfluoro-1-octanesulfonamide	4151-50-2								
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6								
N-methylperfluoro-1-octanesulfonamide	31506-32-8								
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6								
Perfluoro-3-methoxypropanoic acid	377-73-1								
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7								
Perfluoro(4-methoxybutanoic) acid	863090-89-5								
Perfluorobutanesulfonic acid (PFBS)	375-73-5								
Perfluorobutanoic acid	375-22-4								
Perfluorodecanesulfonic acid (PFDS)	335-77-3								
Perfluorodecanoic acid	335-76-2								
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5								
Perfluorododecanoic Acid	307-55-1								
Perfluoroheptanesulfonic acid	375-92-8								
Perfluoroheptanoic acid	375-85-9								
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4								
Perfluorohexanoic acid	307-24-4								
Perfluorononanesulfonic acid	68259-12-1								
Perfluorononanoic acid	375-95-1								
Perfluorooctanesulfonamide (PFOSA)	754-91-6								
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.44				
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.5				
Perfluoropentanesulfonic acid	2706-91-4								
Perfluoropentanoic Acid	2706-90-3								
Perfluorotetradecanoic Acid	376-06-7								
Perfluorotridecanoic Acid	72629-94-8								
Perfluoroundecanoic Acid	2058-94-8								

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-7	SS-8	SS-9
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-7-(0-2)	SS-8-(0-2)	SS-9-(0-2)
						Sample Date	02/19/2024	02/16/2024	02/16/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	92				
4,4'-DDE	72-55-9	0.0033	0.0033	17	62				
4,4'-DDT	50-29-3	0.0033	0.0033	136	47				
Aldrin	309-00-2	0.005		0.19	0.68				
alpha-BHC	319-84-6	0.02	0.04	0.02	3.4				
beta-BHC	319-85-7	0.036	0.6	0.09	3				
cis-Chlordane	5103-71-9	0.094	1.3	2.9	24				
delta-BHC	319-86-8	0.04	0.04	0.25	500				
Dieldrin	60-57-1	0.005	0.006	0.1	1.4				
Endosulfan I	959-98-8	2.4		102	200				
Endosulfan II	33213-65-9	2.4		102	200				
Endosulfan sulfate	1031-07-8	2.4		1000	200				
Endrin	72-20-8	0.014	0.014	0.06	89				
Endrin aldehyde	7421-93-4								
Endrin ketone	53494-70-5								
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	9.2				
gamma-Chlordane	5566-34-7			14					
Heptachlor	76-44-8	0.042	0.14	0.38	15				
Heptachlor epoxide	1024-57-3			0.02					
Methoxychlor	72-43-5		1.2	900					
Toxaphene	8001-35-2								
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS NA HEM								
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1				
Aroclor 1221	11104-28-2	0.1	1	3.2	1				
Aroclor 1232	11141-16-5	0.1	1	3.2	1				
Aroclor 1242	53469-21-9	0.1	1	3.2	1				
Aroclor 1248	12672-29-6	0.1	1	3.2	1				
Aroclor 1254	11097-69-1	0.1	1	3.2	1				
Aroclor 1260	11096-82-5	0.1	1	3.2	1				
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4			0.57 U	0.53 U	0.57 U
Acenaphthene	83-32-9	20	20	98	500		0.42 U	0.39 U	0.42 U
Acenaphthylene	208-96-8	100		107	500		0.37 U	0.34 U	0.37 U
Anthracene	120-12-7	100		1000	500		0.71 U	0.65 U	0.7 U
Benzo[a]anthracene	56-55-3	1		1	5.6		0.29 U	0.26 U	0.35 J
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.42 U	0.39 U	0.43 J
Benzo[b]fluoranthene	205-99-2	1		1.7	5.6		0.45 U	0.42 U	0.51 J
Benzo[g,h,i]perylene	191-24-2	100		1000	500		0.3 UJ	0.28 U	0.3 U
Benzo[k]fluoranthene	207-08-9	0.8		1.7	56		0.37 U	0.34 U	0.37 U
Chrysene	218-01-9	1		1	56		0.64 U	0.59 U	0.64 U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.56		0.51 U	0.46 U	0.5 U
Fluoranthene	206-44-0	100		1000	500		0.58 J	0.28 J	0.61 J
Fluorene	86-73-7	30	30	386	500		0.34 U	0.31 U	0.34 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	5.6		0.35 U	0.32 U	0.35 U
Naphthalene	91-20-3	12		12	500		0.37 U	0.34 U	0.37 U
Phenanthrene	85-01-8	100		1000	500		0.42 U	0.39 U	0.42 U
Pyrene	129-00-0	100		1000	500		0.36 J	0.31 U	0.5 J
1,1'-Biphenyl	92-52-4		60				0.42 U	0.39 U	0.42 U

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-7	SS-8	SS-9
							SS-7-(0-2) 02/19/2024	SS-8-(0-2) 02/16/2024	SS-9-(0-2) 02/16/2024
1,4-Dioxane	123-91-1	0.1	0.1	0.1	130				
2-Chloronaphthalene	91-58-7						0.47 <i>U</i>	0.43 <i>U</i>	0.47 <i>U</i>
2-Chlorophenol	95-57-8		0.8				0.52 <i>U</i>	0.48 <i>U</i>	0.52 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	500		0.34 <i>U</i>	0.31 <i>U</i>	0.34 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.42 <i>U</i>	0.39 <i>U</i>	0.42 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.81 <i>U</i>	0.74 <i>U</i>	0.8 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.57 <i>U</i>	0.53 <i>U</i>	0.57 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4			0.3 <i>U</i>	0.28 <i>U</i>	0.3 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.69 <i>U</i>	0.63 <i>U</i>	0.69 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2			13 <i>U</i>	12 <i>U</i>	13 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.59 <i>U</i>	0.54 <i>U</i>	0.59 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1			0.77 <i>U</i>	0.71 <i>U</i>	0.77 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.57 <i>U</i>	0.53 <i>U</i>	0.57 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1			0.34 <i>U</i>	0.31 <i>U</i>	0.34 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.79 <i>U</i>	0.73 <i>U</i>	0.79 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						3.4 <i>U</i>	3.1 <i>U</i>	3.4 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.4 <i>U</i>	0.37 <i>U</i>	0.4 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.71 <i>U</i>	0.65 <i>U</i>	0.7 <i>U</i>
4-Chloroaniline	106-47-8			0.22			0.71 <i>U</i>	0.65 <i>U</i>	0.7 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.35 <i>U</i>	0.32 <i>U</i>	0.35 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	500		0.34 <i>U</i>	0.31 <i>U</i>	0.34 <i>U</i>
4-Nitroaniline	100-01-6						1.5 <i>U</i>	1.4 <i>U</i>	1.5 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			2 <i>U</i>	1.8 <i>U</i>	2 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2.9 <i>U</i>	2.6 <i>U</i>	2.9 <i>U</i>
Acetophenone	98-86-2						0.39 <i>U</i>	0.36 <i>U</i>	0.39 <i>U</i>
Atrazine	1912-24-9						0.99 <i>U</i>	0.91 <i>U</i>	0.99 <i>U</i>
Benzaldehyde	100-52-7						2.3 <i>U</i>	2.1 <i>U</i>	2.3 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.37 <i>U</i>	0.34 <i>U</i>	0.37 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.61 <i>UJ</i>	0.56 <i>U</i>	0.6 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435			0.98 <i>U</i>	0.9 <i>U</i>	0.97 <i>U</i>
Butyl benzyl phthalate	85-68-7			122			0.47 <i>U</i>	0.43 <i>U</i>	0.47 <i>U</i>
Carbazole	86-74-8						0.34 <i>U</i>	0.31 <i>U</i>	0.34 <i>U</i>
Caprolactam	105-60-2						0.86 <i>U</i>	0.79 <i>U</i>	0.86 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1			0.49 <i>U</i>	0.45 <i>U</i>	0.49 <i>U</i>
Di-n-octylphthalate	117-84-0			120			0.34 <i>U</i>	0.31 <i>U</i>	0.43 <i>J</i>
Dibenzofuran	132-64-9	7		6.2	350		0.34 <i>U</i>	0.31 <i>U</i>	0.34 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1			0.37 <i>U</i>	0.34 <i>U</i>	0.37 <i>U</i>
Dimethyl phthalate	131-11-3		200	27			0.34 <i>U</i>	0.31 <i>U</i>	0.34 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	6		0.39 <i>U</i>	0.36 <i>U</i>	0.39 <i>U</i>
Hexachlorobutadiene	87-68-3						0.42 <i>U</i>	0.39 <i>U</i>	0.42 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.39 <i>U</i>	0.36 <i>U</i>	0.39 <i>U</i>
Hexachloroethane	67-72-1						0.37 <i>U</i>	0.34 <i>U</i>	0.37 <i>U</i>
Isophorone	78-59-1			4.4			0.61 <i>U</i>	0.56 <i>U</i>	0.6 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.49 <i>U</i>	0.45 <i>U</i>	0.49 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				2.3 <i>UJ</i>	2.1 <i>U</i>	2.3 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	69		0.32 <i>U</i>	0.29 <i>U</i>	0.32 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	6.7		2.9 <i>U</i>	2.6 <i>U</i>	2.9 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	500		0.44 <i>U</i>	0.4 <i>U</i>	0.44 <i>U</i>

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-7	SS-8	SS-9
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Commercial ^{b,c,f}	Sample ID	SS-7-(0-2)	SS-8-(0-2)	SS-9-(0-2)
						Sample Date	02/19/2024	02/16/2024	02/16/2024
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	240				
1,1-Dichloroethene	75-35-4	0.33		0.33	500				
1,1,1-Trichloroethane	71-55-6	0.68		0.68	500				
1,1,1,2-Tetrachloroethane	630-20-6								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6					
1,1,2-Trichloroethane	79-00-5								
1,1,2,2-Tetrachloroethane	79-34-5			0.6					
1,2-Dibromo-3-chloropropane	96-12-8								
1,2-Dibromoethane	106-93-4								
1,2-Dichlorobenzene	95-50-1	1.1		1.1	500				
1,2-Dichloroethane	107-06-2	0.02	10	0.02	30				
1,2-Dichloropropane	78-87-5		700						
1,2,4-Trichlorobenzene	120-82-1		20	3.4					
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	190				
1,3-Dichlorobenzene	541-73-1	2.4		2.4	280				
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	190				
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	130				
2-Butanone	78-93-3	0.12	100	0.3	500				
2-Hexanone	591-78-6								
4-Methyl-2-pentanone	108-10-1			1					
Acetone	67-64-1	0.05	2.2	0.05	500				
Benzene	71-43-2	0.06	70	0.06	44				
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon disulfide	75-15-0			2.7					
Carbon Tetrachloride	56-23-5	0.76		0.76	22				
Chlorobenzene	108-90-7	1.1	40	1.1	500				
Chloroethane	75-00-3			1.9					
Chloroform	67-66-3	0.37	12	0.37	350				
Chloromethane	74-87-3								
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	500				
cis-1,3-Dichloropropene	10061-01-5								
Cyclohexane	110-82-7								
Dibromochloromethane	124-48-1		10						
Dichlorodifluoromethane	75-71-8								
Ethylbenzene	100-41-4	1		1	390				
Isopropylbenzene	98-82-8			2.3					
m,p-Xylene	179601-23-1								
Methyl Acetate	79-20-9								
Methyl tert-butyl ether	1634-04-4	0.93		0.93	500				
Methylcyclohexane	108-87-2								
Methylene Chloride	75-09-2	0.05	12	0.05	500				
n-Butylbenzene	104-51-8	12		12	500				
n-Propylbenzene	103-65-1	3.9		3.9	500				
o-Xylene	95-47-6								
sec-Butylbenzene	135-98-8	11		11	500				
Styrene	100-42-5		300						
tert-Butylbenzene	98-06-6	5.9		5.9	500				
Tetrachloroethene	127-18-4	1.3	2	1.3	150				

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Commercial ^{b,c,f}	Location ID Sample ID Sample Date	SS-7	SS-8	SS-9
							SS-7-(0-2)	SS-8-(0-2)	SS-9-(0-2)
							02/19/2024	02/16/2024	02/16/2024
Toluene	108-88-3	0.7	36	0.7	500				
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	500				
trans-1,3-Dichloropropene	10061-02-6								
Trichloroethylene	79-01-6	0.47	2	0.47	200				
Trichlorofluoromethane	75-69-4								
Vinyl Chloride	75-01-4	0.02		0.02	13				
Xylenes	1330-20-7	0.26	0.26	1.6	500				

Table 2-1. Post Creek Property Validated Analytical Results
Parcel 282.00-02-042.120

Notes:

- Bold** = Exceeds NYSDEC Restricted Use SCO, Protection of Ecological Resources
- Underline = Exceeds NYSDEC Restricted Use SCO, Protection of Groundwater
- Italic* = Exceeds NYSDEC Unrestricted Use SCO
- Shading = Exceeds NYSDEC Restricted Use SCO, Commercial
- CAS = Chemical Abstract Service
- mg/kg = milligrams per kilogram
- mg/L = milligrams per liter
- NYSDEC = New York State Department of Environmental Conservation
- SCO = soil cleanup objective
- TCLP = toxicity characteristic leaching procedure

Qualifiers:

- J = Quantitation is approximate with no direction of bias due to limitations identified during data validation.
- U = The laboratory reported this analyte as “not-detected” or this analyte was detected in a laboratory, field, and/or equipment blank at a similar level and should be considered “not-detected.”
- UJ = This analyte was not detected, but the detection limit may or may not be higher due to a bias identified during data validation.
- R = Rejected results not reported on table.

^aNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives

^bNYSDEC, 2023, 6 NYCRR PART 375 Environmental Remediation Programs, Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS), Guidance Values for Anticipated Site Use

^cNYSDEC, 2010, CP-51 Soil Cleanup Guidance, Supplemental Soil Cleanup Objective

^dNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Protection of Ecological Resources

^eNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Protection of Groundwater

^fNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Commercial

^gScreening criteria is conservatively compared to hexavalent chromium SCOs

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-13	SB-14	SB-14
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-13-(8-16) 01/19/2024	FDUP2-011824 01/18/2024	FDUP3-011824 01/18/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.58 <i>U</i>	0.54 <i>UJ</i>	0.5 <i>UJ</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		0.013 <i>U</i>	0.012 <i>U</i>	0.013 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		0.0066 <i>U</i>	0.0061 <i>U</i>	0.0064 <i>U</i>
Dichlorprop	120-36-5						0.01 <i>U</i>	0.0095 <i>U</i>	0.01 <i>U</i>
Picloram	1918-02-1						0.0089 <i>U</i>	0.0082 <i>U</i>	0.0087 <i>U</i>
Silvex	93-72-1	3.8		3.8	58		0.0074 <i>U</i>	0.0068 <i>U</i>	0.0072 <i>U</i>
Metals (mg/kg)									
Aluminum	7429-90-5		10000				9270 <i>J</i>	8740	9330
Antimony	7440-36-0		12				11.4 <i>J</i>	34.3 <i>J</i>	5.2 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		12.4 <i>J</i>	26.1	6.2
Barium	7440-39-3	350	433	820	350		311 <i>J</i>	90.5	69.3
Beryllium	7440-41-7	7.2	10	47	14		0.46 <i>J</i>	0.31	0.48
Cadmium	7440-43-9	2.5	4	7.5	2.5		1.1 <i>J</i>	0.92	0.038 <i>U</i>
Calcium	7440-70-2		10000				29600 <i>J</i>	4800 <i>J</i>	1640 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		21.4 <i>J</i>	106 <i>J</i>	13.5
Cobalt	7440-48-4		20		30		7.4 <i>J</i>	18.2	8.6
Copper	7440-50-8	50	50	1720	270		35.2 <i>J</i>	133 <i>J</i>	17.3
Iron	7439-89-6				2000		22700 <i>J</i>	97100	22000
Lead	7439-92-1	63	63	450	400		744 <i>J</i>	143 <i>J</i>	10.5
Magnesium	7439-95-4						4060 <i>J</i>	3130 <i>J</i>	3350 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		460 <i>J</i>	693	335
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.23 <i>J</i>	0.018 <i>J</i>	0.02 <i>J</i>
Nickel	7440-02-0	30	30	130	140		20 <i>J</i>	322	20.7
Potassium	7440-09-7						1480	744 <i>J</i>	1210 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	36		0.89 <i>J</i>	0.81 <i>J</i>	0.5 <i>U</i>
Silver	7440-22-4	2	2	8.3	36		0.44 <i>J</i>	2 <i>J</i>	0.25 <i>U</i>
Sodium	7440-23-5						171 <i>J</i>	226	88.8 <i>J</i>
Thallium	7440-28-0		5				0.38 <i>UJ</i>	0.35 <i>U</i>	0.38 <i>U</i>
Vanadium	7440-62-2		39		100		21.3 <i>J</i>	29.1 <i>J</i>	14.1
Zinc	7440-66-6	109	109	2480	2200		466 <i>J</i>	230 <i>J</i>	56.8 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2						0.0061 <i>J</i>	0.0077 <i>J</i>	0.0088 <i>J</i>
Barium	7440-39-3						0.59 <i>J</i>	1.9	0.62 <i>J</i>
Cadmium	7440-43-9						0.0055	0.015	0.0005 <i>U</i>
Chromium	7440-47-3						0.01 <i>U</i>	0.012 <i>J</i>	0.01 <i>U</i>
Lead	7439-92-1						0.21	1.4 <i>J</i>	0.077
Mercury	7439-97-6						0.000043 <i>U</i>	0.000043 <i>U</i>	0.000043 <i>U</i>
Selenium	7782-49-2						0.0087 <i>U</i>	0.0087 <i>U</i>	0.0087 <i>U</i>
Silver	7440-22-4						0.0017 <i>U</i>	0.0017 <i>U</i>	0.0017 <i>U</i>

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Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-13	SB-14	SB-14
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-13-(8-16) 01/19/2024	FDUP2-011824 01/18/2024	FDUP3-011824 01/18/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00014 <i>U</i>	0.00013 <i>U</i>	0.00015 <i>U</i>
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00011 <i>U</i>	0.00011 <i>UJ</i>	0.00012 <i>UJ</i>
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000028 <i>U</i>	0.000028 <i>U</i>	0.00003 <i>U</i>
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00041 <i>U</i>	0.0004 <i>U</i>	0.00044 <i>U</i>
3:3 perfluorohexanoic acid	356-02-5						0.0002 <i>U</i>	0.00019 <i>U</i>	0.00021 <i>U</i>
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.000092 <i>U</i>	0.000089 <i>U</i>	0.000098 <i>U</i>
4:2 fluorotelomer sulfonate	757124-72-4						0.000087 <i>U</i>	0.000085 <i>U</i>	0.000094 <i>U</i>
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00055 <i>U</i>	0.00053 <i>U</i>	0.00059 <i>U</i>
7:3 FTCA	812-70-4						0.00035 <i>U</i>	0.00034 <i>U</i>	0.00037 <i>U</i>
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00013 <i>U</i>	0.00013 <i>U</i>	0.00014 <i>U</i>
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.000058 <i>U</i>	0.000056 <i>U</i>	0.000062 <i>U</i>
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00011 <i>U</i>	0.0001 <i>U</i>	0.00011 <i>U</i>
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00012 <i>U</i>	0.00012 <i>UJ</i>	0.00013 <i>UJ</i>
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000035 <i>U</i>	0.000034 <i>UJ</i>	0.000038 <i>UJ</i>
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000027 <i>U</i>	0.000027 <i>U</i>	0.000029 <i>U</i>
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000027 <i>U</i>	0.000027 <i>UJ</i>	0.000029 <i>U</i>
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000054 <i>U</i>	0.000053 <i>U</i>	0.000058 <i>U</i>
Perfluoro-3-methoxypropanoic acid	377-73-1						0.0001 <i>U</i>	0.0001 <i>U</i>	0.00011 <i>U</i>
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000045 <i>U</i>	0.000044 <i>U</i>	0.000049 <i>U</i>
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000021 <i>U</i>	0.000021 <i>U</i>	0.000023 <i>U</i>
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000016 <i>U</i>	0.000015 <i>U</i>	0.000017 <i>U</i>
Perfluorobutanoic acid	375-22-4						0.000042 <i>U</i>	0.000041 <i>U</i>	0.000045 <i>UJ</i>
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000023 <i>U</i>	0.000022 <i>U</i>	0.000024 <i>U</i>
Perfluorodecanoic acid	335-76-2						0.000085 <i>U</i>	0.000083 <i>U</i>	0.000091 <i>U</i>
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000019 <i>U</i>	0.000019 <i>U</i>	0.000021 <i>U</i>
Perfluorododecanoic Acid	307-55-1						0.000063 <i>U</i>	0.000062 <i>UJ</i>	0.000068 <i>UJ</i>
Perfluoroheptanesulfonic acid	375-92-8						0.000032 <i>U</i>	0.000031 <i>U</i>	0.000034 <i>U</i>
Perfluoroheptanoic acid	375-85-9						0.000025 <i>U</i>	0.000024 <i>U</i>	0.000027 <i>U</i>
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000023 <i>U</i>	0.000022 <i>U</i>	0.000024 <i>U</i>
Perfluorohexanoic acid	307-24-4						0.000024 <i>U</i>	0.000023 <i>U</i>	0.000026 <i>U</i>
Perfluorononanesulfonic acid	68259-12-1						0.000032 <i>U</i>	0.000031 <i>U</i>	0.000034 <i>U</i>
Perfluorononanoic acid	375-95-1						0.000014 <i>U</i>	0.000013 <i>U</i>	0.000015 <i>U</i>
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000014 <i>U</i>	0.000013 <i>U</i>	0.000015 <i>U</i>
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		0.00041	0.000062 <i>UJ</i>	0.000068 <i>U</i>
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		0.000048 <i>U</i>	0.000046 <i>U</i>	0.000051 <i>U</i>
Perfluoropentanesulfonic acid	2706-91-4						0.000015 <i>U</i>	0.000014 <i>U</i>	0.000016 <i>U</i>
Perfluoropentanoic Acid	2706-90-3						0.000024 <i>U</i>	0.000023 <i>U</i>	0.000026 <i>U</i>
Perfluorotetradecanoic Acid	376-06-7						0.000019 <i>U</i>	0.000019 <i>UJ</i>	0.000021 <i>UJ</i>
Perfluorotridecanoic Acid	72629-94-8						0.000032 <i>U</i>	0.000031 <i>UJ</i>	0.000034 <i>UJ</i>
Perfluoroundecanoic Acid	2058-94-8						0.000032 <i>U</i>	0.000031 <i>UJ</i>	0.000034 <i>U</i>

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		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-13-(8-16) 01/19/2024	FDUP2-011824 01/18/2024	FDUP3-011824 01/18/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.02 <i>U</i>	0.00037 <i>U</i>	0.00039 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.022 <i>U</i>	0.0004 <i>U</i>	0.00042 <i>U</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7		0.034 <i>J</i>	0.00044 <i>U</i>	0.00047 <i>U</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.025 <i>U</i>	0.0006 <i>J</i>	0.0005 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.019 <i>U</i>	0.00034 <i>U</i>	0.00036 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.019 <i>U</i>	0.00034 <i>U</i>	0.00036 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.051 <i>U</i>	0.00094 <i>U</i>	0.001 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.019 <i>U</i>	0.00035 <i>U</i>	0.00037 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.025 <i>U</i>	0.00045 <i>U</i>	0.00048 <i>U</i>
Endosulfan I	959-98-8	2.4		102	4.8		0.02 <i>U</i>	0.00036 <i>U</i>	0.00039 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	4.8		0.019 <i>U</i>	0.00034 <i>U</i>	0.00036 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.019 <i>U</i>	0.00035 <i>U</i>	0.00038 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.02 <i>U</i>	0.00037 <i>U</i>	0.0004 <i>U</i>
Endrin aldehyde	7421-93-4						0.026 <i>U</i>	0.00048 <i>U</i>	0.00051 <i>U</i>
Endrin ketone	53494-70-5						0.025 <i>U</i>	0.00047 <i>U</i>	0.0005 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.033 <i>J</i>	0.00035 <i>U</i>	0.00037 <i>U</i>
gamma-Chlordane	5566-34-7			14	0.54		0.033 <i>U</i>	0.0006 <i>U</i>	0.00064 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.022 <i>U</i>	0.00041 <i>U</i>	0.00044 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02	0.077		0.027 <i>U</i>	0.00049 <i>U</i>	0.00052 <i>U</i>
Methoxychlor	72-43-5		1.2	900	100		0.021 <i>U</i>	0.00039 <i>U</i>	0.00041 <i>U</i>
Toxaphene	8001-35-2						0.6 <i>U</i>	0.011 <i>U</i>	0.012 <i>U</i>
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						49.8 <i>U</i>	45.8 <i>U</i>	48.6 <i>U</i>
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.054 <i>U</i>	0.049 <i>U</i>	0.055 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.054 <i>U</i>	0.049 <i>U</i>	0.055 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.054 <i>U</i>	0.049 <i>U</i>	0.055 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.054 <i>U</i>	0.049 <i>U</i>	0.055 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.054 <i>U</i>	0.049 <i>U</i>	0.055 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.13 <i>U</i>	0.12 <i>U</i>	0.13 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.13 <i>U</i>	0.12 <i>U</i>	0.13 <i>U</i>
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		4.1 <i>U</i>	0.039 <i>U</i>	0.04 <i>U</i>
Acenaphthene	83-32-9	20	20	98	100		3 <i>U</i>	0.028 <i>U</i>	0.03 <i>U</i>
Acenaphthylene	208-96-8	100		107	100		2.7 <i>U</i>	0.025 <i>U</i>	0.026 <i>U</i>
Anthracene	120-12-7	100		1000	100		5.1 <i>U</i>	0.048 <i>U</i>	0.05 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	1		5.6 <i>J</i>	0.026 <i>J</i>	0.02 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		5.2 <i>J</i>	0.028 <i>U</i>	0.03 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		6.9 <i>J</i>	0.032 <i>J</i>	0.032 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		4.2 <i>J</i>	0.02 <i>U</i>	0.021 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		2.7 <i>J</i>	0.025 <i>U</i>	0.026 <i>U</i>
Chrysene	218-01-9	1		1	1		6.4 <i>J</i>	0.043 <i>U</i>	0.045 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		3.6 <i>U</i>	0.034 <i>U</i>	0.036 <i>U</i>
Fluoranthene	206-44-0	100		1000	100		16 <i>J</i>	0.06 <i>J</i>	0.021 <i>U</i>
Fluorene	86-73-7	30	30	386	100		2.4 <i>U</i>	0.023 <i>U</i>	0.024 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		4 <i>J</i>	0.024 <i>U</i>	0.025 <i>U</i>

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Naphthalene	91-20-3	12		12	100		2.7 <i>U</i>	0.025 <i>U</i>	0.026 <i>U</i>
Phenanthrene	85-01-8	100		1000	100		15 <i>J</i>	0.039 <i>J</i>	0.03 <i>U</i>
Pyrene	129-00-0	100		1000	100		10 <i>J</i>	0.042 <i>J</i>	0.024 <i>U</i>
1,1'-Biphenyl	92-52-4		60				3 <i>U</i>	0.028 <i>U</i>	0.03 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		6.6 <i>U</i>	0.062 <i>U</i>	0.065 <i>U</i>
2-Chloronaphthalene	91-58-7						3.4 <i>U</i>	0.032 <i>U</i>	0.033 <i>U</i>
2-Chlorophenol	95-57-8		0.8		100		3.7 <i>U</i>	0.035 <i>U</i>	0.037 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		2.4 <i>U</i>	0.023 <i>U</i>	0.024 <i>U</i>
2-Nitroaniline	88-74-4			0.4			3 <i>U</i>	0.028 <i>U</i>	0.03 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			5.8 <i>U</i>	0.054 <i>U</i>	0.057 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						4.1 <i>U</i>	0.039 <i>U</i>	0.04 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		2.2 <i>U</i>	0.02 <i>U</i>	0.021 <i>U</i>
2,4-Dimethylphenol	105-67-9						5 <i>U</i>	0.047 <i>U</i>	0.049 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		95 <i>U</i>	0.89 <i>U</i>	0.93 <i>U</i>
2,4-Dinitrotoluene	121-14-2						4.2 <i>U</i>	0.04 <i>U</i>	0.041 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		5.6 <i>U</i>	0.052 <i>U</i>	0.055 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				4.1 <i>U</i>	0.039 <i>U</i>	0.04 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		2.4 <i>U</i>	0.023 <i>U</i>	0.024 <i>U</i>
3-Nitroaniline	99-09-2			0.5			5.7 <i>U</i>	0.053 <i>U</i>	0.056 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						24 <i>U</i>	0.23 <i>U</i>	0.24 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						2.9 <i>U</i>	0.027 <i>U</i>	0.028 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						5.1 <i>U</i>	0.048 <i>U</i>	0.05 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		5.1 <i>U</i>	0.048 <i>U</i>	0.05 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						2.5 <i>U</i>	0.024 <i>U</i>	0.025 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		2.4 <i>U</i>	0.023 <i>U</i>	0.024 <i>U</i>
4-Nitroaniline	100-01-6						11 <i>U</i>	0.1 <i>U</i>	0.11 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			14 <i>U</i>	0.14 <i>U</i>	0.14 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						21 <i>U</i>	0.19 <i>U</i>	0.2 <i>U</i>
Acetophenone	98-86-2						2.8 <i>U</i>	0.026 <i>U</i>	0.027 <i>U</i>
Atrazine	1912-24-9						7.1 <i>U</i>	0.067 <i>U</i>	0.07 <i>U</i>
Benzaldehyde	100-52-7						16 <i>U</i>	0.15 <i>U</i>	0.16 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						2.7 <i>U</i>	0.025 <i>U</i>	0.026 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						4.4 <i>U</i>	0.041 <i>U</i>	0.043 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		7 <i>U</i>	0.066 <i>U</i>	0.069 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		4.9 <i>J</i>	0.032 <i>U</i>	0.033 <i>U</i>
Carbazole	86-74-8						2.4 <i>U</i>	0.023 <i>U</i>	0.024 <i>U</i>
Caprolactam	105-60-2						6.2 <i>U</i>	0.058 <i>U</i>	0.06 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		3.5 <i>U</i>	0.033 <i>U</i>	0.034 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		2.4 <i>U</i>	0.023 <i>U</i>	0.024 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		2.4 <i>U</i>	0.023 <i>U</i>	0.024 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		2.7 <i>U</i>	0.025 <i>U</i>	0.026 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		2.4 <i>U</i>	0.023 <i>U</i>	0.024 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		2.8 <i>U</i>	0.026 <i>U</i>	0.027 <i>U</i>
Hexachlorobutadiene	87-68-3						3 <i>U</i>	0.028 <i>U</i>	0.03 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				2.8 <i>U</i>	0.026 <i>U</i>	0.027 <i>U</i>
Hexachloroethane	67-72-1						2.7 <i>U</i>	0.025 <i>U</i>	0.026 <i>U</i>
Isophorone	78-59-1			4.4	100		4.4 <i>U</i>	0.041 <i>U</i>	0.043 <i>U</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-13	SB-14	SB-14
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-13-(8-16) 01/19/2024	FDUP2-011824 01/18/2024	FDUP3-011824 01/18/2024
N-Nitrosodi-n-propylamine	621-64-7						3.5 <i>U</i>	0.033 <i>U</i>	0.034 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				17 <i>U</i>	0.16 <i>U</i>	0.16 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	3.7		2.3 <i>U</i>	0.022 <i>U</i>	0.023 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.064	0.0062 <i>U</i>	0.0066 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		3.1 <i>U</i>	0.03 <i>U</i>	0.031 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19		0.00076 <i>U</i>		0.00048 <i>U</i>
1,1-Dichloroethene	75-35-4	0.33		0.33	100		0.00076 <i>U</i>		0.00048 <i>U</i>
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100		0.00045 <i>U</i>		0.00029 <i>U</i>
1,1,1,2-Tetrachloroethane	630-20-6						0.00062 <i>U</i>		0.0004 <i>U</i>
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100		0.0014 <i>U</i>		0.0009 <i>U</i>
1,1,2-Trichloroethane	79-00-5						0.00081 <i>U</i>		0.00051 <i>UJ</i>
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35		0.001 <i>U</i>		0.00064 <i>UJ</i>
1,2-Dibromo-3-chloropropane	96-12-8						0.0031 <i>U</i>		0.002 <i>UJ</i>
1,2-Dibromoethane	106-93-4						0.0008 <i>U</i>		0.00051 <i>UJ</i>
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100		0.00049 <i>U</i>		0.00031 <i>U</i>
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3		0.00031 <i>U</i>		0.0002 <i>U</i>
1,2-Dichloropropane	78-87-5		700				0.0031 <i>U</i>		0.002 <i>U</i>
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00038 <i>U</i>		0.00024 <i>UJ</i>
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47		0.0012 <i>U</i>		0.00076 <i>U</i>
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17		0.00032 <i>U</i>		0.0002 <i>U</i>
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47		0.0004 <i>U</i>		0.00025 <i>U</i>
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8		0.00087 <i>U</i>		0.00055 <i>U</i>
2-Butanone	78-93-3	0.12	100	0.3	100		0.0023 <i>U</i>		0.0014 <i>UJ</i>
2-Hexanone	591-78-6						0.0031 <i>U</i>		0.002 <i>UJ</i>
4-Methyl-2-pentanone	108-10-1			1			0.002 <i>U</i>		0.0013 <i>UJ</i>
Acetone	67-64-1	0.05	2.2	0.05	100		0.026 <i>J</i>		0.0051 <i>U</i>
Benzene	71-43-2	0.06	70	0.06	2.9		0.0003 <i>U</i>		0.00019 <i>U</i>
Bromodichloromethane	75-27-4						0.00083 <i>U</i>		0.00053 <i>U</i>
Bromoform	75-25-2						0.0031 <i>U</i>		0.002 <i>U</i>
Bromomethane	74-83-9						0.00056 <i>U</i>		0.00036 <i>U</i>
Carbon disulfide	75-15-0			2.7	100		0.0031 <i>U</i>		0.002 <i>U</i>
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4		0.0006 <i>U</i>		0.00038 <i>U</i>
Chlorobenzene	108-90-7	1.1	40	1.1	100		0.00082 <i>U</i>		0.00052 <i>U</i>
Chloroethane	75-00-3			1.9			0.0014 <i>U</i>		0.00089 <i>U</i>
Chloroform	67-66-3	0.37	12	0.37	10		0.00038 <i>U</i>		0.00024 <i>U</i>
Chloromethane	74-87-3						0.00038 <i>U</i>		0.00024 <i>U</i>
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59		0.00079 <i>U</i>		0.00051 <i>U</i>
cis-1,3-Dichloropropene	10061-01-5						0.00089 <i>U</i>		0.00057 <i>UJ</i>
Cyclohexane	110-82-7						0.00087 <i>U</i>		0.00055 <i>U</i>
Dibromochloromethane	124-48-1		10				0.00079 <i>U</i>		0.00051 <i>U</i>
Dichlorodifluoromethane	75-71-8						0.00051 <i>U</i>		0.00033 <i>UJ</i>
Ethylbenzene	100-41-4	1		1	30		0.00043 <i>U</i>		0.00027 <i>U</i>
Isopropylbenzene	98-82-8			2.3	100		0.00094 <i>U</i>		0.0006 <i>U</i>
m,p-Xylene	179601-23-1						0.001 <i>U</i>		0.00066 <i>U</i>
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62		0.00061 <i>U</i>		0.00039 <i>U</i>
Methyl Acetate	79-20-9						0.0038 <i>U</i>		0.0024 <i>U</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-13	SB-14	SB-14
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-13-(8-16) 01/19/2024	FDUP2-011824 01/18/2024	FDUP3-011824 01/18/2024
Methylcyclohexane	108-87-2						0.00094 <i>U</i>		0.0006 <i>U</i>
Methylene Chloride	75-09-2	0.05	12	0.05	51		0.0029 <i>U</i>		0.0018 <i>U</i>
n-Butylbenzene	104-51-8	12		12	100		0.00054 <i>U</i>		0.00034 <i>UJ</i>
n-Propylbenzene	103-65-1	3.9		3.9	100		0.0005 <i>U</i>		0.00032 <i>U</i>
o-Xylene	95-47-6						0.00081 <i>U</i>		0.00052 <i>U</i>
sec-Butylbenzene	135-98-8	11		11	100		0.00054 <i>U</i>		0.00034 <i>U</i>
Styrene	100-42-5		300				0.00031 <i>U</i>		0.0002 <i>UJ</i>
tert-Butylbenzene	98-06-6	5.9		5.9	100		0.00065 <i>U</i>		0.00041 <i>U</i>
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5		0.00083 <i>U</i>		0.00053 <i>U</i>
Toluene	108-88-3	0.7	36	0.7	100		0.00047 <i>U</i>		0.0003 <i>U</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100		0.00064 <i>U</i>		0.00041 <i>U</i>
trans-1,3-Dichloropropene	10061-02-6						0.0027 <i>U</i>		0.0017 <i>UJ</i>
Trichloroethylene	79-01-6	0.47	2	0.47	10		0.0014 <i>U</i>		0.00087 <i>U</i>
Trichlorofluoromethane	75-69-4						0.00059 <i>U</i>		0.00037 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	0.21		0.00076 <i>U</i>		0.00048 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	100		0.001 <i>U</i>		0.00066 <i>U</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SB-14	SB-14	SB-14
							SB-14-(16.7-18) 01/18/2024	SB-14-(24-30) 01/18/2024	SB-14-(30-36) 01/18/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.73 <i>U</i>	0.51 <i>UJ</i>	0.52 <i>UJ</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100			0.012 <i>U</i>	0.013 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100			0.0058 <i>U</i>	0.0066 <i>U</i>
Dichlorprop	120-36-5							0.0091 <i>U</i>	0.01 <i>U</i>
Picloram	1918-02-1							0.0079 <i>U</i>	0.0088 <i>U</i>
Silvex	93-72-1	3.8		3.8	58			0.0066 <i>U</i>	0.0074 <i>U</i>
Metals (mg/kg)									
Aluminum	7429-90-5		10000				7140 <i>J</i>	6190	10600
Antimony	7440-36-0		12				68.2 <i>J</i>	67.6 <i>J</i>	5.6 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		67.3 <i>J</i>	43.1	6.6
Barium	7440-39-3	350	433	820	350		205	161	50.6
Beryllium	7440-41-7	7.2	10	47	14		0.78	0.23	0.46
Cadmium	7440-43-9	2.5	4	7.5	2.5		12.8	3.6	0.036 <i>U</i>
Calcium	7440-70-2		10000				3210 <i>J</i>	2340 <i>J</i>	1600 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		227 <i>J</i>	241 <i>J</i>	13.8
Cobalt	7440-48-4		20		30		143	22.2	9.9
Copper	7440-50-8	50	50	1720	270		495 <i>J</i>	178 <i>J</i>	18.7
Iron	7439-89-6				2000		128000	100000	24600
Lead	7439-92-1	63	63	450	400		463 <i>J</i>	421 <i>J</i>	11.9
Magnesium	7439-95-4						1940 <i>J</i>	1940 <i>J</i>	3540 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		1610 <i>J</i>	782	425
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.39 <i>J</i>	0.027	0.0058 <i>U</i>
Nickel	7440-02-0	30	30	130	140		1030 <i>J</i>	581	23.4
Potassium	7440-09-7						902 <i>J</i>	609 <i>J</i>	1240 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	36		3.7 <i>J</i>	1.1 <i>J</i>	0.48 <i>U</i>
Silver	7440-22-4	2	2	8.3	36		5.3 <i>J</i>	5.7 <i>J</i>	0.24 <i>U</i>
Sodium	7440-23-5						961	328	82.3 <i>J</i>
Thallium	7440-28-0		5				0.47 <i>U</i>	0.32 <i>U</i>	0.36 <i>U</i>
Vanadium	7440-62-2		39		100		73.1 <i>J</i>	40.6 <i>J</i>	14.2
Zinc	7440-66-6	109	109	2480	2200		522 <i>J</i>	388 <i>J</i>	58.5 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2							0.0082 <i>J</i>	0.012 <i>J</i>
Barium	7440-39-3							2.2	0.72 <i>J</i>
Cadmium	7440-43-9							0.024	0.0005 <i>U</i>
Chromium	7440-47-3							0.027	0.01 <i>U</i>
Lead	7439-92-1							2 <i>J</i>	0.072
Mercury	7439-97-6							0.000043 <i>U</i>	0.000043 <i>U</i>
Selenium	7782-49-2							0.0087 <i>U</i>	0.0087 <i>U</i>
Silver	7440-22-4							0.0017 <i>U</i>	0.0022 <i>J</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SB-14	SB-14	SB-14
							SB-14-(16.7-18) 01/18/2024	SB-14-(24-30) 01/18/2024	SB-14-(30-36) 01/18/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00012 <i>U</i>	0.00014 <i>U</i>
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.0001 <i>U</i>	0.00011 <i>U</i>
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000026 <i>U</i>	0.000029 <i>U</i>
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.00037 <i>U</i>	0.00042 <i>U</i>
3:3 perfluorohexanoic acid	356-02-5							0.00018 <i>U</i>	0.0002 <i>U</i>
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.000083 <i>U</i>	0.000092 <i>U</i>
4:2 fluorotelomer sulfonate	757124-72-4							0.000079 <i>U</i>	0.000088 <i>U</i>
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.0005 <i>U</i>	0.00055 <i>U</i>
7:3 FTCA	812-70-4							0.00031 <i>U</i>	0.00035 <i>U</i>
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00012 <i>U</i>	0.00013 <i>U</i>
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.000052 <i>U</i>	0.000058 <i>U</i>
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.000096 <i>U</i>	0.00011 <i>U</i>
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00011 <i>U</i>	0.00013 <i>UJ</i>
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000032 <i>UJ</i>	0.000035 <i>UJ</i>
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000025 <i>U</i>	0.000027 <i>U</i>
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000025 <i>UJ</i>	0.000027 <i>UJ</i>
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.000049 <i>U</i>	0.000055 <i>U</i>
Perfluoro-3-methoxypropanoic acid	377-73-1							0.000093 <i>U</i>	0.0001 <i>U</i>
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.000041 <i>U</i>	0.000046 <i>U</i>
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.000019 <i>U</i>	0.000022 <i>U</i>
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000014 <i>U</i>	0.000016 <i>U</i>
Perfluorobutanoic acid	375-22-4							0.000038 <i>U</i>	0.000042 <i>U</i>
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000021 <i>U</i>	0.000023 <i>U</i>
Perfluorodecanoic acid	335-76-2							0.000077 <i>U</i>	0.000086 <i>U</i>
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000017 <i>U</i>	0.000019 <i>U</i>
Perfluorododecanoic Acid	307-55-1							0.000057 <i>U</i>	0.000064 <i>UJ</i>
Perfluoroheptanesulfonic acid	375-92-8							0.000029 <i>U</i>	0.000032 <i>U</i>
Perfluoroheptanoic acid	375-85-9							0.000023 <i>U</i>	0.000025 <i>U</i>
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000021 <i>U</i>	0.000023 <i>U</i>
Perfluorohexanoic acid	307-24-4							0.000022 <i>U</i>	0.000024 <i>U</i>
Perfluorononanesulfonic acid	68259-12-1							0.000029 <i>U</i>	0.000032 <i>U</i>
Perfluorononanoic acid	375-95-1							0.000012 <i>U</i>	0.000014 <i>U</i>
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.000012 <i>U</i>	0.000014 <i>U</i>
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088			0.000057 <i>U</i>	0.000064 <i>U</i>
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066			0.000043 <i>U</i>	0.000048 <i>U</i>
Perfluoropentanesulfonic acid	2706-91-4							0.000013 <i>U</i>	0.000015 <i>U</i>
Perfluoropentanoic Acid	2706-90-3							0.000022 <i>U</i>	0.000024 <i>U</i>
Perfluorotetradecanoic Acid	376-06-7							0.000017 <i>UJ</i>	0.000019 <i>UJ</i>
Perfluorotridecanoic Acid	72629-94-8							0.000029 <i>UJ</i>	0.000032 <i>UJ</i>
Perfluoroundecanoic Acid	2058-94-8							0.000029 <i>UJ</i>	0.000032 <i>U</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-14	SB-14	SB-14
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-14-(16.7-18) 01/18/2024	SB-14-(24-30) 01/18/2024	SB-14-(30-36) 01/18/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.00036 <i>U</i>	0.00039 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.00039 <i>U</i>	0.00043 <i>U</i>	
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7		0.00081 <i>J</i>	0.0012 <i>J</i>	
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.00045 <i>U</i>	0.0005 <i>U</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.00033 <i>U</i>	0.00037 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.00033 <i>U</i>	0.00037 <i>U</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.00092 <i>U</i>	0.001 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.00034 <i>U</i>	0.00038 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.00044 <i>U</i>	0.00049 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	4.8		0.00035 <i>U</i>	0.00039 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	4.8		0.00033 <i>U</i>	0.00037 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.00034 <i>U</i>	0.00038 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.00036 <i>U</i>	0.0004 <i>U</i>	
Endrin aldehyde	7421-93-4						0.00047 <i>U</i>	0.00052 <i>U</i>	
Endrin ketone	53494-70-5						0.00045 <i>U</i>	0.0005 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.00034 <i>U</i>	0.00037 <i>U</i>	
gamma-Chlordane	5566-34-7			14	0.54		0.00058 <i>U</i>	0.00065 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.0004 <i>U</i>	0.00044 <i>U</i>	
Heptachlor epoxide	1024-57-3			0.02	0.077		0.00047 <i>U</i>	0.00052 <i>U</i>	
Methoxychlor	72-43-5		1.2	900	100		0.00038 <i>U</i>	0.00041 <i>U</i>	
Toxaphene	8001-35-2						0.011 <i>U</i>	0.012 <i>U</i>	
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						44.2 <i>U</i>	49.3 <i>U</i>	
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.05 <i>U</i>	0.054 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.05 <i>U</i>	0.054 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.05 <i>U</i>	0.054 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.05 <i>U</i>	0.054 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.05 <i>U</i>	0.054 <i>U</i>	
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.12 <i>U</i>	0.13 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.12 <i>U</i>	0.13 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.052 <i>U</i>	0.037 <i>U</i>	0.042 <i>U</i>
Acenaphthene	83-32-9	20	20	98	100		0.038 <i>U</i>	0.027 <i>U</i>	0.031 <i>U</i>
Acenaphthylene	208-96-8	100		107	100		0.033 <i>U</i>	0.024 <i>U</i>	0.027 <i>U</i>
Anthracene	120-12-7	100		1000	100		0.064 <i>U</i>	0.046 <i>U</i>	0.051 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.026 <i>U</i>	0.045 <i>J</i>	0.021 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.038 <i>U</i>	0.046 <i>J</i>	0.031 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.041 <i>U</i>	0.051 <i>J</i>	0.033 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.027 <i>U</i>	0.029 <i>J</i>	0.022 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.033 <i>U</i>	0.029 <i>J</i>	0.027 <i>U</i>
Chrysene	218-01-9	1		1	1		0.058 <i>U</i>	0.046 <i>J</i>	0.047 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.046 <i>U</i>	0.033 <i>U</i>	0.037 <i>U</i>
Fluoranthene	206-44-0	100		1000	100		0.027 <i>U</i>	0.1 <i>J</i>	0.022 <i>U</i>
Fluorene	86-73-7	30	30	386	100		0.03 <i>U</i>	0.022 <i>U</i>	0.024 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.032 <i>U</i>	0.029 <i>J</i>	0.026 <i>U</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-14	SB-14	SB-14
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-14-(16.7-18) 01/18/2024	SB-14-(24-30) 01/18/2024	SB-14-(30-36) 01/18/2024
Naphthalene	91-20-3	12		12	100		0.033 <i>U</i>	0.024 <i>U</i>	0.027 <i>U</i>
Phenanthrene	85-01-8	100		1000	100		0.038 <i>U</i>	0.077 <i>J</i>	0.031 <i>U</i>
Pyrene	129-00-0	100		1000	100		0.03 <i>U</i>	0.075 <i>J</i>	0.024 <i>U</i>
1,1'-Biphenyl	92-52-4		60				0.038 <i>U</i>	0.027 <i>U</i>	0.031 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8			0.06 <i>U</i>	0.067 <i>U</i>
2-Chloronaphthalene	91-58-7						0.043 <i>U</i>	0.031 <i>U</i>	0.034 <i>U</i>
2-Chlorophenol	95-57-8		0.8		100		0.047 <i>U</i>	0.034 <i>U</i>	0.038 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.03 <i>U</i>	0.022 <i>U</i>	0.024 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.038 <i>U</i>	0.027 <i>U</i>	0.031 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.073 <i>U</i>	0.053 <i>U</i>	0.059 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.052 <i>U</i>	0.037 <i>U</i>	0.042 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.027 <i>U</i>	0.02 <i>U</i>	0.022 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.062 <i>U</i>	0.045 <i>U</i>	0.05 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		1.2 <i>U</i>	0.86 <i>U</i>	0.96 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.053 <i>U</i>	0.038 <i>U</i>	0.043 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.07 <i>U</i>	0.05 <i>U</i>	0.056 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.052 <i>U</i>	0.037 <i>U</i>	0.042 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.03 <i>U</i>	0.022 <i>U</i>	0.024 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.071 <i>U</i>	0.051 <i>U</i>	0.058 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						0.3 <i>U</i>	0.22 <i>U</i>	0.24 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.037 <i>U</i>	0.026 <i>U</i>	0.029 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.064 <i>U</i>	0.046 <i>U</i>	0.051 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.064 <i>U</i>	0.046 <i>U</i>	0.051 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.032 <i>U</i>	0.023 <i>U</i>	0.026 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.03 <i>U</i>	0.022 <i>U</i>	0.024 <i>U</i>
4-Nitroaniline	100-01-6						0.14 <i>U</i>	0.097 <i>U</i>	0.11 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.18 <i>U</i>	0.13 <i>U</i>	0.15 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.26 <i>U</i>	0.19 <i>U</i>	0.21 <i>U</i>
Acetophenone	98-86-2						0.035 <i>U</i>	0.025 <i>U</i>	0.028 <i>U</i>
Atrazine	1912-24-9						0.09 <i>U</i>	0.065 <i>U</i>	0.072 <i>U</i>
Benzaldehyde	100-52-7						0.21 <i>U</i>	0.15 <i>U</i>	0.17 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.033 <i>U</i>	0.024 <i>U</i>	0.027 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.055 <i>U</i>	0.039 <i>U</i>	0.044 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.088 <i>U</i>	0.064 <i>U</i>	0.071 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		0.043 <i>U</i>	0.031 <i>U</i>	0.034 <i>U</i>
Carbazole	86-74-8						0.03 <i>U</i>	0.022 <i>U</i>	0.024 <i>U</i>
Caprolactam	105-60-2						0.078 <i>U</i>	0.056 <i>U</i>	0.062 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.044 <i>U</i>	0.032 <i>U</i>	0.035 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		0.03 <i>U</i>	0.022 <i>U</i>	0.024 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		0.03 <i>U</i>	0.022 <i>U</i>	0.024 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.033 <i>U</i>	0.024 <i>U</i>	0.027 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		0.03 <i>U</i>	0.022 <i>U</i>	0.024 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.035 <i>U</i>	0.025 <i>U</i>	0.028 <i>U</i>
Hexachlorobutadiene	87-68-3						0.038 <i>U</i>	0.027 <i>U</i>	0.031 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.035 <i>U</i>	0.025 <i>U</i>	0.028 <i>U</i>
Hexachloroethane	67-72-1						0.033 <i>U</i>	0.024 <i>U</i>	0.027 <i>U</i>
Isophorone	78-59-1			4.4	100		0.055 <i>U</i>	0.039 <i>U</i>	0.044 <i>U</i>

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Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-14	SB-14	SB-14
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-14-(16.7-18) 01/18/2024	SB-14-(24-30) 01/18/2024	SB-14-(30-36) 01/18/2024
N-Nitrosodi-n-propylamine	621-64-7						0.044 <i>U</i>	0.032 <i>U</i>	0.035 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.21 <i>U</i>	0.15 <i>U</i>	0.17 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.029 <i>U</i>	0.021 <i>U</i>	0.023 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.26 <i>U</i>	0.006 <i>U</i>	0.0067 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.04 <i>U</i>	0.028 <i>U</i>	0.032 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19			0.00049 <i>U</i>	0.00049 <i>U</i>
1,1-Dichloroethene	75-35-4	0.33		0.33	100			0.00049 <i>U</i>	0.00049 <i>U</i>
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100			0.00029 <i>U</i>	0.00029 <i>U</i>
1,1,1,2-Tetrachloroethane	630-20-6							0.0004 <i>U</i>	0.0004 <i>U</i>
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100			0.00091 <i>U</i>	0.00091 <i>U</i>
1,1,2-Trichloroethane	79-00-5							0.00052 <i>UJ</i>	0.00052 <i>UJ</i>
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35			0.00065 <i>UJ</i>	0.00065 <i>UJ</i>
1,2-Dibromo-3-chloropropane	96-12-8							0.002 <i>UJ</i>	0.002 <i>UJ</i>
1,2-Dibromoethane	106-93-4							0.00051 <i>UJ</i>	0.00051 <i>UJ</i>
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100			0.00031 <i>UJ</i>	0.00031 <i>U</i>
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3			0.0002 <i>U</i>	0.0002 <i>U</i>
1,2-Dichloropropane	78-87-5		700					0.002 <i>U</i>	0.002 <i>U</i>
1,2,4-Trichlorobenzene	120-82-1		20	3.4				0.00024 <i>UJ</i>	0.00024 <i>UJ</i>
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47			0.00077 <i>U</i>	0.00076 <i>U</i>
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17			0.00021 <i>UJ</i>	0.0002 <i>U</i>
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47			0.00026 <i>U</i>	0.00026 <i>U</i>
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8			0.00056 <i>UJ</i>	0.00056 <i>U</i>
2-Butanone	78-93-3	0.12	100	0.3	100			0.0015 <i>UJ</i>	0.0015 <i>UJ</i>
2-Hexanone	591-78-6							0.002 <i>UJ</i>	0.002 <i>UJ</i>
4-Methyl-2-pentanone	108-10-1			1				0.0013 <i>UJ</i>	0.0013 <i>UJ</i>
Acetone	67-64-1	0.05	2.2	0.05	100			0.0059 <i>U</i>	0.0034 <i>UJ</i>
Benzene	71-43-2	0.06	70	0.06	2.9			0.0002 <i>U</i>	0.0002 <i>U</i>
Bromodichloromethane	75-27-4							0.00054 <i>U</i>	0.00053 <i>U</i>
Bromoform	75-25-2							0.002 <i>U</i>	0.002 <i>U</i>
Bromomethane	74-83-9							0.00036 <i>U</i>	0.00036 <i>U</i>
Carbon disulfide	75-15-0			2.7	100			0.002 <i>U</i>	0.002 <i>U</i>
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4			0.00039 <i>U</i>	0.00039 <i>U</i>
Chlorobenzene	108-90-7	1.1	40	1.1	100			0.00053 <i>U</i>	0.00053 <i>U</i>
Chloroethane	75-00-3			1.9				0.0009 <i>U</i>	0.0009 <i>U</i>
Chloroform	67-66-3	0.37	12	0.37	10			0.00025 <i>U</i>	0.00025 <i>U</i>
Chloromethane	74-87-3							0.00024 <i>U</i>	0.00024 <i>U</i>
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59			0.00051 <i>U</i>	0.00051 <i>U</i>
cis-1,3-Dichloropropene	10061-01-5							0.00058 <i>UJ</i>	0.00057 <i>UJ</i>
Cyclohexane	110-82-7							0.00056 <i>U</i>	0.00056 <i>U</i>
Dibromochloromethane	124-48-1		10					0.00051 <i>U</i>	0.00051 <i>U</i>
Dichlorodifluoromethane	75-71-8							0.00033 <i>U</i>	0.00033 <i>UJ</i>
Ethylbenzene	100-41-4	1		1	30			0.00028 <i>U</i>	0.00027 <i>U</i>
Isopropylbenzene	98-82-8			2.3	100			0.0006 <i>U</i>	0.0006 <i>U</i>
m,p-Xylene	179601-23-1							0.00067 <i>U</i>	0.00067 <i>U</i>
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62			0.00039 <i>U</i>	0.00039 <i>U</i>
Methyl Acetate	79-20-9							0.0024 <i>U</i>	0.0024 <i>U</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-14	SB-14	SB-14
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-14-(16.7-18) 01/18/2024	SB-14-(24-30) 01/18/2024	SB-14-(30-36) 01/18/2024
Methylcyclohexane	108-87-2							0.00061 <i>U</i>	0.00061 <i>U</i>
Methylene Chloride	75-09-2	0.05	12	0.05	51			0.0018 <i>U</i>	0.0018 <i>U</i>
n-Butylbenzene	104-51-8	12		12	100			0.00035 <i>UJ</i>	0.00035 <i>UJ</i>
n-Propylbenzene	103-65-1	3.9		3.9	100			0.00032 <i>U</i>	0.00032 <i>U</i>
o-Xylene	95-47-6							0.00052 <i>U</i>	0.00052 <i>U</i>
sec-Butylbenzene	135-98-8	11		11	100			0.00035 <i>U</i>	0.00035 <i>U</i>
Styrene	100-42-5		300					0.0002 <i>UJ</i>	0.0002 <i>UJ</i>
tert-Butylbenzene	98-06-6	5.9		5.9	100			0.00042 <i>U</i>	0.00041 <i>U</i>
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5			0.00054 <i>U</i>	0.00053 <i>U</i>
Toluene	108-88-3	0.7	36	0.7	100			0.00056 <i>J</i>	0.0003 <i>U</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100			0.00041 <i>U</i>	0.00041 <i>U</i>
trans-1,3-Dichloropropene	10061-02-6							0.0018 <i>UJ</i>	0.0018 <i>UJ</i>
Trichloroethylene	79-01-6	0.47	2	0.47	10			0.00088 <i>U</i>	0.00088 <i>U</i>
Trichlorofluoromethane	75-69-4							0.00038 <i>U</i>	0.00038 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	0.21			0.00049 <i>U</i>	0.00049 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	100			0.00067 <i>U</i>	0.00067 <i>U</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-29	SHL-29	SHL-29
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2-011924 01/19/2024	SHL-29-(0-6) 01/19/2024	SHL-29-(12-24) 01/19/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.53 <i>U</i>	0.57 <i>U</i>	0.58 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		0.014 <i>U</i>	0.013 <i>U</i>	0.014 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		0.0069 <i>U</i>	0.0066 <i>U</i>	0.007 <i>U</i>
Dichlorprop	120-36-5						0.011 <i>U</i>	0.01 <i>U</i>	0.011 <i>U</i>
Picloram	1918-02-1						0.0093 <i>U</i>	0.0089 <i>U</i>	0.0095 <i>U</i>
Silvex	93-72-1	3.8		3.8	58		0.0077 <i>U</i>	0.0074 <i>U</i>	0.0079 <i>U</i>
Metals (mg/kg)									
Aluminum	7429-90-5		10000				13700 <i>J</i>	7310 <i>J</i>	11400 <i>J</i>
Antimony	7440-36-0		12				5.9 <i>J</i>	3.8 <i>J</i>	4.5 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		12.2 <i>J</i>	12.6 <i>J</i>	11.2 <i>J</i>
Barium	7440-39-3	350	433	820	350		147 <i>J</i>	126 <i>J</i>	224 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.73 <i>J</i>	0.59 <i>J</i>	0.62 <i>J</i>
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.56 <i>J</i>	0.36 <i>J</i>	0.85 <i>J</i>
Calcium	7440-70-2		10000				3040 <i>J</i>	5160 <i>J</i>	8980 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		17.7 <i>J</i>	10.9 <i>J</i>	16.7 <i>J</i>
Cobalt	7440-48-4		20		30		11.9 <i>J</i>	6.4 <i>J</i>	8.8 <i>J</i>
Copper	7440-50-8	50	50	1720	270		29.9 <i>J</i>	23.6 <i>J</i>	25 <i>J</i>
Iron	7439-89-6				2000		24800 <i>J</i>	14500 <i>J</i>	20100 <i>J</i>
Lead	7439-92-1	63	63	450	400		267 <i>J</i>	75 <i>J</i>	276 <i>J</i>
Magnesium	7439-95-4						3750 <i>J</i>	1640 <i>J</i>	2750 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		513 <i>J</i>	257 <i>J</i>	413 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.21 <i>J</i>	0.055 <i>J</i>	1.1 <i>J</i>
Nickel	7440-02-0	30	30	130	140		27.2 <i>J</i>	15.8 <i>J</i>	21.1 <i>J</i>
Potassium	7440-09-7						1650	1150	1620
Selenium	7782-49-2	3.9	3.9	4	36		0.94 <i>J</i>	0.97 <i>J</i>	0.95 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		<i>R</i>	<i>R</i>	<i>R</i>
Sodium	7440-23-5						77.6 <i>J</i>	104 <i>J</i>	85.8 <i>J</i>
Thallium	7440-28-0		5				0.38 <i>UJ</i>	0.35 <i>UJ</i>	0.42 <i>UJ</i>
Vanadium	7440-62-2		39		100		21.2 <i>J</i>	20 <i>J</i>	20.4 <i>J</i>
Zinc	7440-66-6	109	109	2480	2200		269 <i>J</i>	77 <i>J</i>	235 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2						0.0056 <i>U</i>	0.0084 <i>J</i>	0.0078 <i>J</i>
Barium	7440-39-3						0.82 <i>J</i>	0.78 <i>J</i>	0.76 <i>J</i>
Cadmium	7440-43-9						0.0027	0.0017 <i>J</i>	0.0028
Chromium	7440-47-3						0.01 <i>U</i>	0.01 <i>U</i>	0.01 <i>U</i>
Lead	7439-92-1						0.058	0.017 <i>J</i>	0.028
Mercury	7439-97-6						0.000043 <i>U</i>	0.000043 <i>U</i>	0.000043 <i>U</i>
Selenium	7782-49-2						0.0087 <i>U</i>	0.0087 <i>U</i>	0.0087 <i>U</i>
Silver	7440-22-4						0.0017 <i>U</i>	0.0017 <i>U</i>	0.0017 <i>U</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-29	SHL-29	SHL-29
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2-011924 01/19/2024	SHL-29-(0-6) 01/19/2024	SHL-29-(12-24) 01/19/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00015 <i>U</i>	0.00015 <i>U</i>	0.00016 <i>U</i>
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00012 <i>U</i>	0.00012 <i>U</i>	0.00013 <i>U</i>
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.00003 <i>U</i>	0.00003 <i>U</i>	0.000033 <i>U</i>
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00044 <i>U</i>	0.00044 <i>U</i>	0.00048 <i>U</i>
3:3 perfluorohexanoic acid	356-02-5						0.00021 <i>U</i>	0.00021 <i>U</i>	0.00023 <i>U</i>
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.000099 <i>U</i>	0.000099 <i>U</i>	0.00011 <i>U</i>
4:2 fluorotelomer sulfonate	757124-72-4						0.000094 <i>U</i>	0.000094 <i>U</i>	0.0001 <i>U</i>
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00059 <i>U</i>	0.00059 <i>U</i>	0.00064 <i>U</i>
7:3 FTCA	812-70-4						0.00037 <i>U</i>	0.00037 <i>U</i>	0.00041 <i>U</i>
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00014 <i>U</i>	0.00014 <i>U</i>	0.00015 <i>U</i>
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.000062 <i>U</i>	0.000062 <i>U</i>	0.000068 <i>U</i>
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00011 <i>U</i>	0.00011 <i>U</i>	0.00012 <i>U</i>
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00013 <i>U</i>	0.00013 <i>U</i>	0.00015 <i>UJ</i>
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000038 <i>UJ</i>	0.000038 <i>UJ</i>	0.000041 <i>UJ</i>
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000029 <i>U</i>	0.000029 <i>U</i>	0.000032 <i>U</i>
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000029 <i>UJ</i>	0.000029 <i>U</i>	0.000032 <i>UJ</i>
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000058 <i>U</i>	0.000058 <i>U</i>	0.000064 <i>U</i>
Perfluoro-3-methoxypropanoic acid	377-73-1						0.00011 <i>U</i>	0.00011 <i>U</i>	0.00012 <i>U</i>
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000049 <i>U</i>	0.000049 <i>U</i>	0.000053 <i>U</i>
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000023 <i>U</i>	0.000023 <i>U</i>	0.000025 <i>U</i>
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000017 <i>U</i>	0.000017 <i>U</i>	0.000019 <i>U</i>
Perfluorobutanoic acid	375-22-4						0.00013 <i>J</i>	0.00054 <i>J</i>	0.00015 <i>J</i>
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000024 <i>U</i>	0.000024 <i>U</i>	0.000027 <i>U</i>
Perfluorodecanoic acid	335-76-2						0.000091 <i>U</i>	0.000091 <i>U</i>	0.0001 <i>U</i>
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000021 <i>U</i>	0.000021 <i>U</i>	0.000023 <i>U</i>
Perfluorododecanoic Acid	307-55-1						0.000068 <i>U</i>	0.000068 <i>U</i>	0.000074 <i>U</i>
Perfluoroheptanesulfonic acid	375-92-8						0.000034 <i>U</i>	0.000034 <i>U</i>	0.000037 <i>U</i>
Perfluoroheptanoic acid	375-85-9						0.00003 <i>J</i>	0.00013 <i>J</i>	0.000029 <i>U</i>
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000041 <i>J</i>	0.000024 <i>U</i>	0.000041 <i>J</i>
Perfluorohexanoic acid	307-24-4						0.000038 <i>J</i>	0.0001 <i>J</i>	0.000045 <i>J</i>
Perfluorononanesulfonic acid	68259-12-1						0.000034 <i>U</i>	0.000034 <i>U</i>	0.000037 <i>U</i>
Perfluorononanoic acid	375-95-1						0.000016 <i>J</i>	0.00014 <i>J</i>	0.000016 <i>U</i>
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000015 <i>U</i>	0.000015 <i>U</i>	0.000016 <i>U</i>
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		<u>0.0012</u> <i>J</i>	0.00049	0.00071 <i>J</i>
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		0.00023 <i>J</i>	0.00027	0.00015 <i>J</i>
Perfluoropentanesulfonic acid	2706-91-4						0.000016 <i>U</i>	0.000016 <i>U</i>	0.000017 <i>U</i>
Perfluoropentanoic Acid	2706-90-3						0.000049 <i>J</i>	0.0001 <i>J</i>	0.000028 <i>U</i>
Perfluorotetradecanoic Acid	376-06-7						0.000021 <i>UJ</i>	0.000021 <i>U</i>	0.000023 <i>UJ</i>
Perfluorotridecanoic Acid	72629-94-8						0.000034 <i>UJ</i>	0.000034 <i>U</i>	0.000037 <i>UJ</i>
Perfluoroundecanoic Acid	2058-94-8						0.000034 <i>U</i>	0.000054 <i>J</i>	0.000037 <i>U</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-29	SHL-29	SHL-29
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2-011924 01/19/2024	SHL-29-(0-6) 01/19/2024	SHL-29-(12-24) 01/19/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.0083 <i>U</i>	0.008 <i>U</i>	0.0085 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.009 <i>U</i>	0.0086 <i>U</i>	0.0092 <i>U</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7		0.018 <i>J</i>	0.01 <i>J</i>	0.026 <i>J</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.011 <i>U</i>	0.01 <i>U</i>	0.011 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.0077 <i>U</i>	0.0074 <i>U</i>	0.0079 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.0077 <i>U</i>	0.0074 <i>U</i>	0.0079 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.021 <i>U</i>	0.02 <i>U</i>	0.022 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.008 <i>U</i>	0.0076 <i>U</i>	0.0082 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.01 <i>U</i>	0.0099 <i>U</i>	0.011 <i>U</i>
Endosulfan I	959-98-8	2.4		102	4.8		0.0082 <i>U</i>	0.0079 <i>U</i>	0.0084 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	4.8		0.0077 <i>U</i>	0.0074 <i>U</i>	0.0079 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.008 <i>U</i>	0.0077 <i>U</i>	0.0082 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.0085 <i>U</i>	0.0081 <i>U</i>	0.0087 <i>U</i>
Endrin aldehyde	7421-93-4						0.011 <i>U</i>	0.011 <i>U</i>	0.011 <i>U</i>
Endrin ketone	53494-70-5						0.011 <i>U</i>	0.01 <i>U</i>	0.011 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.0079 <i>U</i>	0.0075 <i>U</i>	0.0081 <i>U</i>
gamma-Chlordane	5566-34-7			14	0.54		0.014 <i>U</i>	0.013 <i>U</i>	0.014 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.0093 <i>U</i>	0.0089 <i>U</i>	0.0095 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02	0.077		0.011 <i>U</i>	0.011 <i>U</i>	0.011 <i>U</i>
Methoxychlor	72-43-5		1.2	900	100		0.0087 <i>U</i>	0.0084 <i>U</i>	0.009 <i>U</i>
Toxaphene	8001-35-2						0.25 <i>U</i>	0.24 <i>U</i>	0.26 <i>U</i>
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						51.5 <i>U</i>	49.5 <i>U</i>	52.9 <i>U</i>
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.047 <i>U</i>	0.053 <i>U</i>	0.055 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.047 <i>U</i>	0.053 <i>U</i>	0.055 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.047 <i>U</i>	0.053 <i>U</i>	0.055 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.047 <i>U</i>	0.053 <i>U</i>	0.055 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.047 <i>U</i>	0.053 <i>U</i>	0.055 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.11 <i>U</i>	0.13 <i>U</i>	0.13 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.11 <i>U</i>	0.13 <i>U</i>	0.13 <i>U</i>
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.22 <i>UJ</i>	0.21 <i>UJ</i>	0.22 <i>UJ</i>
Acenaphthene	83-32-9	20	20	98	100		0.16 <i>UJ</i>	0.15 <i>UJ</i>	0.16 <i>UJ</i>
Acenaphthylene	208-96-8	100		107	100		0.14 <i>UJ</i>	0.13 <i>UJ</i>	0.16 <i>J</i>
Anthracene	120-12-7	100		1000	100		0.27 <i>UJ</i>	0.26 <i>UJ</i>	0.28 <i>UJ</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.22 <i>J</i>	0.15 <i>J</i>	0.24 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.23 <i>J</i>	0.22 <i>J</i>	0.29 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.29 <i>J</i>	0.19 <i>J</i>	0.39 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.2 <i>J</i>	0.16 <i>J</i>	0.17 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.15 <i>J</i>	0.17 <i>J</i>	0.17 <i>J</i>
Chrysene	218-01-9	1		1	1		0.24 <i>UJ</i>	0.23 <i>J</i>	0.31 <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.19 <i>UJ</i>	0.18 <i>UJ</i>	0.2 <i>UJ</i>
Fluoranthene	206-44-0	100		1000	100		0.35 <i>J</i>	0.35 <i>J</i>	0.54 <i>J</i>
Fluorene	86-73-7	30	30	386	100		0.13 <i>UJ</i>	0.12 <i>UJ</i>	0.13 <i>UJ</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.17 <i>J</i>	0.15 <i>J</i>	0.16 <i>J</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-29	SHL-29	SHL-29
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2-011924 01/19/2024	SHL-29-(0-6) 01/19/2024	SHL-29-(12-24) 01/19/2024
Naphthalene	91-20-3	12		12	100		0.14 <i>UJ</i>	0.13 <i>UJ</i>	0.14 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.19 <i>J</i>	0.2 <i>J</i>	0.21 <i>J</i>
Pyrene	129-00-0	100		1000	100		0.3 <i>J</i>	0.23 <i>J</i>	0.32 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.16 <i>UJ</i>	0.15 <i>UJ</i>	0.16 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		0.35 <i>UJ</i>	0.33 <i>UJ</i>	0.36 <i>UJ</i>
2-Chloronaphthalene	91-58-7						0.18 <i>UJ</i>	0.17 <i>UJ</i>	0.18 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8		100		0.2 <i>U</i>	0.19 <i>U</i>	0.2 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.13 <i>U</i>	0.12 <i>U</i>	0.13 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.16 <i>UJ</i>	0.15 <i>UJ</i>	0.16 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.31 <i>U</i>	0.29 <i>U</i>	0.31 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.22 <i>UJ</i>	0.21 <i>UJ</i>	0.22 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.12 <i>U</i>	0.11 <i>U</i>	0.12 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.26 <i>U</i>	0.25 <i>U</i>	0.27 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		5 <i>U</i>	4.8 <i>U</i>	5.1 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.23 <i>UJ</i>	0.21 <i>UJ</i>	0.23 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.3 <i>U</i>	0.28 <i>U</i>	0.3 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.22 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.13 <i>UJ</i>	0.12 <i>UJ</i>	0.13 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.3 <i>UJ</i>	0.29 <i>UJ</i>	0.31 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						1.3 <i>UJ</i>	1.2 <i>UJ</i>	1.3 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.15 <i>UJ</i>	0.15 <i>UJ</i>	0.16 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.27 <i>U</i>	0.26 <i>U</i>	0.28 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.27 <i>UJ</i>	0.26 <i>UJ</i>	0.28 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.14 <i>UJ</i>	0.13 <i>UJ</i>	0.14 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.13 <i>U</i>	0.12 <i>U</i>	0.13 <i>UJ</i>
4-Nitroaniline	100-01-6						0.57 <i>UJ</i>	0.54 <i>UJ</i>	0.58 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			0.77 <i>U</i>	0.72 <i>U</i>	0.78 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1.1 <i>U</i>	1 <i>U</i>	1.1 <i>U</i>
Acetophenone	98-86-2						0.15 <i>UJ</i>	0.14 <i>UJ</i>	0.15 <i>UJ</i>
Atrazine	1912-24-9						0.38 <i>UJ</i>	0.36 <i>UJ</i>	0.39 <i>UJ</i>
Benzaldehyde	100-52-7						0.87 <i>UJ</i>	0.82 <i>UJ</i>	0.88 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.14 <i>UJ</i>	0.13 <i>UJ</i>	0.14 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.23 <i>UJ</i>	0.22 <i>UJ</i>	0.24 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.37 <i>UJ</i>	0.35 <i>UJ</i>	0.38 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.18 <i>UJ</i>	0.17 <i>UJ</i>	0.28 <i>J</i>
Carbazole	86-74-8						0.13 <i>UJ</i>	0.12 <i>UJ</i>	0.13 <i>UJ</i>
Caprolactam	105-60-2						0.33 <i>UJ</i>	0.31 <i>UJ</i>	0.33 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.19 <i>UJ</i>	0.18 <i>UJ</i>	0.19 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.13 <i>UJ</i>	0.12 <i>UJ</i>	0.13 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.13 <i>UJ</i>	0.12 <i>UJ</i>	0.13 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.14 <i>UJ</i>	0.13 <i>UJ</i>	0.14 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.13 <i>UJ</i>	0.12 <i>UJ</i>	0.13 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.15 <i>UJ</i>	0.14 <i>UJ</i>	0.15 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.16 <i>UJ</i>	0.15 <i>UJ</i>	0.16 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.15 <i>UJ</i>	0.14 <i>UJ</i>	0.15 <i>UJ</i>
Hexachloroethane	67-72-1						0.14 <i>UJ</i>	0.13 <i>UJ</i>	0.14 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.23 <i>UJ</i>	0.22 <i>UJ</i>	0.24 <i>UJ</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-29	SHL-29	SHL-29
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2-011924 01/19/2024	SHL-29-(0-6) 01/19/2024	SHL-29-(12-24) 01/19/2024
N-Nitrosodi-n-propylamine	621-64-7						0.19 <i>UJ</i>	0.18 <i>UJ</i>	0.19 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				0.89 <i>UJ</i>	0.84 <i>UJ</i>	0.9 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.12 <i>UJ</i>	0.12 <i>UJ</i>	0.12 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.007 <i>U</i>	0.0067 <i>U</i>	0.0072 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.17 <i>U</i>	0.16 <i>U</i>	0.17 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19		0.0008 <i>U</i>	0.00063 <i>U</i>	0.00074 <i>UJ</i>
1,1-Dichloroethene	75-35-4	0.33		0.33	100		0.0008 <i>U</i>	0.00063 <i>U</i>	0.00075 <i>UJ</i>
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100		0.00047 <i>U</i>	0.00037 <i>U</i>	0.00044 <i>UJ</i>
1,1,1,2-Tetrachloroethane	630-20-6						0.00065 <i>U</i>	0.00051 <i>U</i>	0.00061 <i>UJ</i>
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100		0.0015 <i>U</i>	0.0012 <i>U</i>	0.0014 <i>U</i>
1,1,2-Trichloroethane	79-00-5						0.00085 <i>U</i>	0.00067 <i>U</i>	0.00079 <i>UJ</i>
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35		0.0011 <i>U</i>	0.00083 <i>U</i>	0.00099 <i>UJ</i>
1,2-Dibromo-3-chloropropane	96-12-8						0.0033 <i>U</i>	0.0026 <i>U</i>	0.003 <i>UJ</i>
1,2-Dibromoethane	106-93-4						0.00084 <i>U</i>	0.00066 <i>U</i>	0.00078 <i>UJ</i>
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100		0.00051 <i>U</i>	0.0004 <i>U</i>	0.00048 <i>UJ</i>
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3		0.00033 <i>U</i>	0.00026 <i>U</i>	0.00031 <i>UJ</i>
1,2-Dichloropropane	78-87-5		700				0.0033 <i>U</i>	0.0026 <i>U</i>	0.003 <i>UJ</i>
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.0004 <i>U</i>	0.00031 <i>U</i>	0.00037 <i>UJ</i>
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47		0.0013 <i>U</i>	0.00099 <i>U</i>	0.0012 <i>UJ</i>
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17		0.00034 <i>U</i>	0.00026 <i>U</i>	0.00031 <i>UJ</i>
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47		0.00042 <i>U</i>	0.00033 <i>U</i>	0.00039 <i>UJ</i>
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8		0.00092 <i>U</i>	0.00072 <i>U</i>	0.00085 <i>UJ</i>
2-Butanone	78-93-3	0.12	100	0.3	100		0.0024 <i>U</i>	0.0019 <i>U</i>	0.0022 <i>UJ</i>
2-Hexanone	591-78-6						0.0033 <i>U</i>	0.0026 <i>U</i>	0.003 <i>UJ</i>
4-Methyl-2-pentanone	108-10-1			1			0.0021 <i>U</i>	0.0017 <i>U</i>	0.002 <i>UJ</i>
Acetone	67-64-1	0.05	2.2	0.05	100		0.0055 <i>U</i>	0.0043 <i>U</i>	0.0051 <i>UJ</i>
Benzene	71-43-2	0.06	70	0.06	2.9		0.00032 <i>U</i>	0.00025 <i>U</i>	0.0003 <i>UJ</i>
Bromodichloromethane	75-27-4						0.00088 <i>U</i>	0.00069 <i>U</i>	0.00082 <i>UJ</i>
Bromoform	75-25-2						0.0033 <i>U</i>	0.0026 <i>U</i>	0.003 <i>UJ</i>
Bromomethane	74-83-9						0.00059 <i>U</i>	0.00046 <i>U</i>	0.00055 <i>U</i>
Carbon disulfide	75-15-0			2.7	100		0.0033 <i>U</i>	0.0026 <i>U</i>	0.003 <i>UJ</i>
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4		0.00063 <i>U</i>	0.0005 <i>U</i>	0.00059 <i>UJ</i>
Chlorobenzene	108-90-7	1.1	40	1.1	100		0.00086 <i>U</i>	0.00068 <i>U</i>	0.0008 <i>UJ</i>
Chloroethane	75-00-3			1.9			0.0015 <i>U</i>	0.0012 <i>U</i>	0.0014 <i>U</i>
Chloroform	67-66-3	0.37	12	0.37	10		0.0004 <i>U</i>	0.00032 <i>U</i>	0.00038 <i>UJ</i>
Chloromethane	74-87-3						0.0004 <i>U</i>	0.00031 <i>U</i>	0.00037 <i>U</i>
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59		0.00084 <i>U</i>	0.00066 <i>U</i>	0.00078 <i>UJ</i>
cis-1,3-Dichloropropene	10061-01-5						0.00094 <i>U</i>	0.00074 <i>U</i>	0.00088 <i>UJ</i>
Cyclohexane	110-82-7						0.00092 <i>U</i>	0.00072 <i>U</i>	0.00085 <i>UJ</i>
Dibromochloromethane	124-48-1		10				0.00084 <i>U</i>	0.00066 <i>U</i>	0.00078 <i>UJ</i>
Dichlorodifluoromethane	75-71-8						0.00054 <i>U</i>	0.00042 <i>U</i>	0.0005 <i>U</i>
Ethylbenzene	100-41-4	1		1	30		0.00045 <i>U</i>	0.00035 <i>U</i>	0.00042 <i>UJ</i>
Isopropylbenzene	98-82-8			2.3	100		0.00099 <i>U</i>	0.00077 <i>U</i>	0.00092 <i>UJ</i>
m,p-Xylene	179601-23-1						0.0011 <i>U</i>	0.00086 <i>U</i>	0.001 <i>UJ</i>
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62		0.00064 <i>U</i>	0.0005 <i>U</i>	0.0006 <i>U</i>
Methyl Acetate	79-20-9						0.004 <i>U</i>	0.0031 <i>U</i>	0.0037 <i>U</i>

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Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-29	SHL-29	SHL-29
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2-011924 01/19/2024	SHL-29-(0-6) 01/19/2024	SHL-29-(12-24) 01/19/2024
Methylcyclohexane	108-87-2						0.00099 <i>U</i>	0.00078 <i>U</i>	0.00093 <i>UJ</i>
Methylene Chloride	75-09-2	0.05	12	0.05	51		0.003 <i>U</i>	0.0024 <i>U</i>	0.0028 <i>U</i>
n-Butylbenzene	104-51-8	12		12	100		0.00057 <i>U</i>	0.00045 <i>U</i>	0.00053 <i>UJ</i>
n-Propylbenzene	103-65-1	3.9		3.9	100		0.00052 <i>U</i>	0.00041 <i>U</i>	0.00049 <i>UJ</i>
o-Xylene	95-47-6						0.00085 <i>U</i>	0.00067 <i>U</i>	0.0008 <i>UJ</i>
sec-Butylbenzene	135-98-8	11		11	100		0.00057 <i>U</i>	0.00045 <i>U</i>	0.00053 <i>UJ</i>
Styrene	100-42-5		300				0.00033 <i>U</i>	0.00026 <i>U</i>	0.0003 <i>UJ</i>
tert-Butylbenzene	98-06-6	5.9		5.9	100		0.00068 <i>U</i>	0.00053 <i>U</i>	0.00063 <i>UJ</i>
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5		0.00088 <i>U</i>	0.00069 <i>U</i>	0.00082 <i>UJ</i>
Toluene	108-88-3	0.7	36	0.7	100		0.00049 <i>U</i>	0.00039 <i>U</i>	0.00046 <i>UJ</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100		0.00068 <i>U</i>	0.00053 <i>U</i>	0.00063 <i>UJ</i>
trans-1,3-Dichloropropene	10061-02-6						0.0029 <i>U</i>	0.0023 <i>U</i>	0.0027 <i>UJ</i>
Trichloroethylene	79-01-6	0.47	2	0.47	10		0.0014 <i>U</i>	0.0011 <i>U</i>	0.0013 <i>UJ</i>
Trichlorofluoromethane	75-69-4						0.00062 <i>U</i>	0.00049 <i>U</i>	0.00058 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	0.21		0.0008 <i>U</i>	0.00063 <i>U</i>	0.00074 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	100		0.0011 <i>U</i>	0.00086 <i>U</i>	0.001 <i>UJ</i>

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Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-29	SHL-30	SHL-30
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-29-(6-12) 01/19/2024	SHL-30-(0-6) 01/19/2024	SHL-30-(12-24) 01/19/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.53 <i>U</i>	0.59 <i>U</i>	0.5 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		0.013 <i>U</i>		
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		0.0065 <i>U</i>		
Dichlorprop	120-36-5						0.01 <i>U</i>		
Picloram	1918-02-1						0.0087 <i>U</i>		
Silvex	93-72-1	3.8		3.8	58		0.0073 <i>U</i>		
Metals (mg/kg)									
Aluminum	7429-90-5		10000				8990 <i>J</i>	12200 <i>J</i>	10200 <i>J</i>
Antimony	7440-36-0		12				3.5 <i>J</i>	5.2 <i>J</i>	4.8 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		9.1 <i>J</i>	10.3 <i>J</i>	11 <i>J</i>
Barium	7440-39-3	350	433	820	350		110 <i>J</i>	118 <i>J</i>	65.5 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.62 <i>J</i>	0.49 <i>J</i>	0.5 <i>J</i>
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.12 <i>J</i>	0.5 <i>J</i>	0.1 <i>J</i>
Calcium	7440-70-2		10000				2820 <i>J</i>	3610 <i>J</i>	16600 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		11.7 <i>J</i>	14 <i>J</i>	13.5 <i>J</i>
Cobalt	7440-48-4		20		30		8 <i>J</i>	8 <i>J</i>	7.1 <i>J</i>
Copper	7440-50-8	50	50	1720	270		26.6 <i>J</i>	24.3 <i>J</i>	66.3 <i>J</i>
Iron	7439-89-6				2000		15400 <i>J</i>	20300 <i>J</i>	18700 <i>J</i>
Lead	7439-92-1	63	63	450	400		56.7 <i>J</i>	128 <i>J</i>	54.9 <i>J</i>
Magnesium	7439-95-4						1720 <i>J</i>	2920 <i>J</i>	4170 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		316 <i>J</i>	479 <i>J</i>	416 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.099 <i>J</i>	0.07 <i>J</i>	0.047 <i>J</i>
Nickel	7440-02-0	30	30	130	140		18.4 <i>J</i>	20.1 <i>J</i>	18.4 <i>J</i>
Potassium	7440-09-7						1390	1440	1230
Selenium	7782-49-2	3.9	3.9	4	36		0.82 <i>J</i>	0.79 <i>J</i>	0.6 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		<i>R</i>	<i>R</i>	<i>R</i>
Sodium	7440-23-5						107 <i>J</i>	57 <i>J</i>	76.4 <i>J</i>
Thallium	7440-28-0		5				0.38 <i>UJ</i>	0.37 <i>UJ</i>	0.34 <i>UJ</i>
Vanadium	7440-62-2		39		100		18.1 <i>J</i>	19.2 <i>J</i>	18.9 <i>J</i>
Zinc	7440-66-6	109	109	2480	2200		72.8 <i>J</i>	96.8 <i>J</i>	72 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2						0.0073 <i>J</i>		
Barium	7440-39-3						0.35 <i>J</i>		
Cadmium	7440-43-9						0.00089 <i>J</i>		
Chromium	7440-47-3						0.01 <i>U</i>		
Lead	7439-92-1						0.012 <i>J</i>		
Mercury	7439-97-6						0.000043 <i>U</i>		
Selenium	7782-49-2						0.0087 <i>U</i>		
Silver	7440-22-4						0.0017 <i>U</i>		

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-29	SHL-30	SHL-30	
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-29-(6-12)	SHL-30-(0-6)	SHL-30-(12-24)	
							Sample Date	01/19/2024	01/19/2024	01/19/2024
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00014	U		
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00012	U		
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.00003	U		
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00044	U		
3:3 perfluorohexanoic acid	356-02-5						0.00021	U		
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.000097	U		
4:2 fluorotelomer sulfonate	757124-72-4						0.000092	U		
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00058	U		
7:3 FTCA	812-70-4						0.00037	U		
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00014	U		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.000061	U		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00011	U		
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00013	U		
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000037	UJ		
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000029	U		
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000029	U		
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000058	U		
Perfluoro-3-methoxypropanoic acid	377-73-1						0.00011	U		
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000048	U		
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000023	U		
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000017	U		
Perfluorobutanoic acid	375-22-4						0.00024	J		
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000024	U		
Perfluorodecanoic acid	335-76-2						0.00009	U		
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.00002	U		
Perfluorododecanoic Acid	307-55-1						0.000067	U		
Perfluoroheptanesulfonic acid	375-92-8						0.000034	U		
Perfluoroheptanoic acid	375-85-9						0.000059	J		
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000048	J		
Perfluorohexanoic acid	307-24-4						0.0001	J		
Perfluorononanesulfonic acid	68259-12-1						0.000034	U		
Perfluorononanoic acid	375-95-1						0.000014	U		
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000014	U		
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		0.00099			
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		0.00024			
Perfluoropentanesulfonic acid	2706-91-4						0.000016	U		
Perfluoropentanoic Acid	2706-90-3						0.000075	J		
Perfluorotetradecanoic Acid	376-06-7						0.00002	UJ		
Perfluorotridecanoic Acid	72629-94-8						0.000034	UJ		
Perfluoroundecanoic Acid	2058-94-8						0.000034	U		

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-29	SHL-30	SHL-30
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-29-(6-12)	SHL-30-(0-6)	SHL-30-(12-24)
Sample Date									
01/19/2024									
01/19/2024									
01/19/2024									
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.0079	U	
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.0085	U	
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7		0.012	J	
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.01	U	
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.0073	U	
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.0073	U	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.02	U	
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.0075	U	
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.0097	U	
Endosulfan I	959-98-8	2.4		102	4.8		0.0078	U	
Endosulfan II	33213-65-9	2.4		102	4.8		0.0073	U	
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.0076	U	
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.008	U	
Endrin aldehyde	7421-93-4						0.01	U	
Endrin ketone	53494-70-5						0.01	U	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.0074	U	
gamma-Chlordane	5566-34-7			14	0.54		0.013	U	
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.0088	U	
Heptachlor epoxide	1024-57-3			0.02	0.077		0.01	U	
Methoxychlor	72-43-5		1.2	900	100		0.0083	U	
Toxaphene	8001-35-2						0.24	U	
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						48.8	U	
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.051	U	
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.051	U	
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.051	U	
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.051	U	
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.051	U	
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.12	U	
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.12	U	
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.2	UJ	0.19 UJ
Acenaphthene	83-32-9	20	20	98	100		0.15	UJ	0.14 UJ
Acenaphthylene	208-96-8	100		107	100		0.13	UJ	0.13 UJ
Anthracene	120-12-7	100		1000	100		0.25	UJ	0.24 UJ
Benzo[a]anthracene	56-55-3	1		1	1		0.1	UJ	0.17 J
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.15	J	0.19 J
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.16	UJ	0.29 J
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.11	J	0.13 J
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.13	UJ	0.16 J
Chrysene	218-01-9	1		1	1		0.23	UJ	0.22 UJ
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.18	UJ	0.17 UJ
Fluoranthene	206-44-0	100		1000	100		0.24	J	0.26 J
Fluorene	86-73-7	30	30	386	100		0.12	UJ	0.11 UJ
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.13	UJ	0.16 J

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-29	SHL-30	SHL-30
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-29-(6-12) 01/19/2024	SHL-30-(0-6) 01/19/2024	SHL-30-(12-24) 01/19/2024
Naphthalene	91-20-3	12		12	100		0.13 <i>UJ</i>	0.14 <i>UJ</i>	0.13 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.15 <i>UJ</i>	0.16 <i>UJ</i>	0.14 <i>UJ</i>
Pyrene	129-00-0	100		1000	100		0.17 <i>J</i>	0.22 <i>J</i>	0.21 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.15 <i>UJ</i>	0.16 <i>UJ</i>	0.14 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		0.33 <i>UJ</i>		
2-Chloronaphthalene	91-58-7						0.17 <i>UJ</i>	0.18 <i>UJ</i>	0.16 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8		100		0.18 <i>U</i>	0.2 <i>U</i>	0.18 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.12 <i>U</i>	0.13 <i>U</i>	0.11 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.15 <i>UJ</i>	0.16 <i>UJ</i>	0.14 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.29 <i>U</i>	0.31 <i>U</i>	0.28 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.2 <i>UJ</i>	0.22 <i>UJ</i>	0.19 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.11 <i>U</i>	0.11 <i>U</i>	0.1 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.24 <i>U</i>	0.26 <i>U</i>	0.24 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		4.7 <i>U</i>	5 <i>U</i>	4.5 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.21 <i>UJ</i>	0.22 <i>UJ</i>	0.2 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.27 <i>U</i>	0.29 <i>U</i>	0.26 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.2 <i>U</i>	0.22 <i>U</i>	0.19 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.12 <i>UJ</i>	0.13 <i>UJ</i>	0.11 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.28 <i>UJ</i>	0.3 <i>UJ</i>	0.27 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						1.2 <i>UJ</i>	1.3 <i>UJ</i>	1.1 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.14 <i>UJ</i>	0.15 <i>UJ</i>	0.14 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.25 <i>U</i>	0.27 <i>U</i>	0.24 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.25 <i>UJ</i>	0.27 <i>UJ</i>	0.24 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.13 <i>UJ</i>	0.13 <i>UJ</i>	0.12 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.12 <i>U</i>	0.13 <i>U</i>	0.11 <i>U</i>
4-Nitroaniline	100-01-6						0.53 <i>UJ</i>	0.57 <i>UJ</i>	0.51 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			0.71 <i>U</i>	0.76 <i>U</i>	0.68 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1 <i>U</i>	1.1 <i>U</i>	0.97 <i>U</i>
Acetophenone	98-86-2						0.14 <i>UJ</i>	0.15 <i>UJ</i>	0.13 <i>UJ</i>
Atrazine	1912-24-9						0.35 <i>UJ</i>	0.37 <i>UJ</i>	0.34 <i>UJ</i>
Benzaldehyde	100-52-7						0.8 <i>UJ</i>	0.86 <i>UJ</i>	0.77 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.13 <i>UJ</i>	0.14 <i>UJ</i>	0.13 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.21 <i>UJ</i>	0.23 <i>UJ</i>	0.21 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.35 <i>UJ</i>	0.37 <i>UJ</i>	0.33 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.17 <i>UJ</i>	0.18 <i>UJ</i>	0.16 <i>UJ</i>
Carbazole	86-74-8						0.12 <i>UJ</i>	0.13 <i>UJ</i>	0.11 <i>UJ</i>
Caprolactam	105-60-2						0.3 <i>UJ</i>	0.32 <i>UJ</i>	0.29 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.17 <i>UJ</i>	0.18 <i>UJ</i>	0.17 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.12 <i>UJ</i>	0.13 <i>UJ</i>	0.11 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.12 <i>UJ</i>	0.13 <i>UJ</i>	0.11 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.13 <i>UJ</i>	0.14 <i>UJ</i>	0.13 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.12 <i>UJ</i>	0.13 <i>UJ</i>	0.11 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.14 <i>UJ</i>	0.15 <i>UJ</i>	0.13 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.15 <i>UJ</i>	0.16 <i>UJ</i>	0.14 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.14 <i>UJ</i>	0.15 <i>UJ</i>	0.13 <i>UJ</i>
Hexachloroethane	67-72-1						0.13 <i>UJ</i>	0.14 <i>UJ</i>	0.13 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.21 <i>UJ</i>	0.23 <i>UJ</i>	0.21 <i>UJ</i>

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Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-29	SHL-30	SHL-30
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-29-(6-12) 01/19/2024	SHL-30-(0-6) 01/19/2024	SHL-30-(12-24) 01/19/2024
N-Nitrosodi-n-propylamine	621-64-7						0.17 <i>UJ</i>	0.18 <i>UJ</i>	0.17 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				0.82 <i>UJ</i>	0.88 <i>UJ</i>	0.79 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.11 <i>UJ</i>	0.12 <i>UJ</i>	0.11 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.0066 <i>U</i>	1.1 <i>U</i>	0.97 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.15 <i>U</i>	0.17 <i>U</i>	0.15 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19		0.00063 <i>U</i>		
1,1-Dichloroethene	75-35-4	0.33		0.33	100		0.00063 <i>U</i>		
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100		0.00038 <i>U</i>		
1,1,1,2-Tetrachloroethane	630-20-6						0.00052 <i>U</i>		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100		0.0012 <i>U</i>		
1,1,2-Trichloroethane	79-00-5						0.00067 <i>U</i>		
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35		0.00084 <i>U</i>		
1,2-Dibromo-3-chloropropane	96-12-8						0.0026 <i>U</i>		
1,2-Dibromoethane	106-93-4						0.00066 <i>U</i>		
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100		0.0004 <i>U</i>		
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3		0.00026 <i>U</i>		
1,2-Dichloropropane	78-87-5		700				0.0026 <i>U</i>		
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00031 <i>U</i>		
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47		0.00099 <i>U</i>		
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17		0.00027 <i>U</i>		
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47		0.00033 <i>U</i>		
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8		0.00072 <i>U</i>		
2-Butanone	78-93-3	0.12	100	0.3	100		0.0019 <i>U</i>		
2-Hexanone	591-78-6						0.0026 <i>U</i>		
4-Methyl-2-pentanone	108-10-1			1			0.0017 <i>U</i>		
Acetone	67-64-1	0.05	2.2	0.05	100		0.0044 <i>U</i>		
Benzene	71-43-2	0.06	70	0.06	2.9		0.00025 <i>U</i>		
Bromodichloromethane	75-27-4						0.00069 <i>U</i>		
Bromoform	75-25-2						0.0026 <i>U</i>		
Bromomethane	74-83-9						0.00047 <i>U</i>		
Carbon disulfide	75-15-0			2.7	100		0.0026 <i>U</i>		
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4		0.0005 <i>U</i>		
Chlorobenzene	108-90-7	1.1	40	1.1	100		0.00068 <i>U</i>		
Chloroethane	75-00-3			1.9			0.0012 <i>U</i>		
Chloroform	67-66-3	0.37	12	0.37	10		0.00032 <i>U</i>		
Chloromethane	74-87-3						0.00031 <i>U</i>		
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59		0.00066 <i>U</i>		
cis-1,3-Dichloropropene	10061-01-5						0.00074 <i>U</i>		
Cyclohexane	110-82-7						0.00072 <i>U</i>		
Dibromochloromethane	124-48-1		10				0.00066 <i>U</i>		
Dichlorodifluoromethane	75-71-8						0.00043 <i>U</i>		
Ethylbenzene	100-41-4	1		1	30		0.00036 <i>U</i>		
Isopropylbenzene	98-82-8			2.3	100		0.00078 <i>U</i>		
m,p-Xylene	179601-23-1						0.00087 <i>U</i>		
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62		0.00051 <i>U</i>		
Methyl Acetate	79-20-9						0.0031 <i>U</i>		

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SHL-29	SHL-30	SHL-30
							SHL-29-(6-12) 01/19/2024	SHL-30-(0-6) 01/19/2024	SHL-30-(12-24) 01/19/2024
Methylcyclohexane	108-87-2						0.00079 <i>U</i>		
Methylene Chloride	75-09-2	0.05	12	0.05	51		0.0024 <i>U</i>		
n-Butylbenzene	104-51-8	12		12	100		0.00045 <i>U</i>		
n-Propylbenzene	103-65-1	3.9		3.9	100		0.00041 <i>U</i>		
o-Xylene	95-47-6						0.00068 <i>U</i>		
sec-Butylbenzene	135-98-8	11		11	100		0.00045 <i>U</i>		
Styrene	100-42-5		300				0.00026 <i>U</i>		
tert-Butylbenzene	98-06-6	5.9		5.9	100		0.00054 <i>U</i>		
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5		0.00069 <i>U</i>		
Toluene	108-88-3	0.7	36	0.7	100		0.00039 <i>U</i>		
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100		0.00053 <i>U</i>		
trans-1,3-Dichloropropene	10061-02-6						0.0023 <i>U</i>		
Trichloroethylene	79-01-6	0.47	2	0.47	10		0.0011 <i>U</i>		
Trichlorofluoromethane	75-69-4						0.00049 <i>U</i>		
Vinyl Chloride	75-01-4	0.02		0.02	0.21		0.00063		
Xylenes	1330-20-7	0.26	0.26	1.6	100		0.00087 <i>U</i>		

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-30	SS-29	SS-29	SS-30
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-30-(6-12) 01/19/2024	FDUP-011924 01/19/2024	SS-29-(0-2) 01/19/2024	SS-30-(0-2) 01/19/2024
General Chemistry (mg/kg)										
Cyanide	57-12-5	27		40	27		0.48 <i>U</i>	0.83 <i>J</i>	0.89 <i>J</i>	0.7 <i>U</i>
Herbicides (mg/kg)										
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100			0.013 <i>U</i>	0.015 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100			0.0066 <i>U</i>	0.0076 <i>U</i>	
Dichlorprop	120-36-5							0.01 <i>U</i>	0.012 <i>U</i>	
Picloram	1918-02-1							0.0089 <i>U</i>	0.01 <i>U</i>	
Silvex	93-72-1	3.8		3.8	58			0.0075 <i>U</i>	0.0085 <i>U</i>	
Metals (mg/kg)										
Aluminum	7429-90-5		10000				10200 <i>J</i>	6280 <i>J</i>	8470 <i>J</i>	13200 <i>J</i>
Antimony	7440-36-0		12				3.7 <i>J</i>	3.3 <i>J</i>	3.6 <i>J</i>	6.6 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		6.7 <i>J</i>	9.7 <i>J</i>	9 <i>J</i>	13.6 <i>J</i>
Barium	7440-39-3	350	433	820	350		92.7 <i>J</i>	106 <i>J</i>	124 <i>J</i>	170 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.47 <i>J</i>	0.46 <i>J</i>	0.61 <i>J</i>	0.58 <i>J</i>
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.11 <i>J</i>	0.47 <i>J</i>	0.56 <i>J</i>	0.74 <i>J</i>
Calcium	7440-70-2		10000				9050 <i>J</i>	13500 <i>J</i>	5600 <i>J</i>	3820 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		12.3 <i>J</i>	11.4 <i>J</i>	11.8 <i>J</i>	15.7 <i>J</i>
Cobalt	7440-48-4		20		30		7 <i>J</i>	5.3 <i>J</i>	6.8 <i>J</i>	8.8 <i>J</i>
Copper	7440-50-8	50	50	1720	270		23.9 <i>J</i>	20.6 <i>J</i>	21.1 <i>J</i>	38.4 <i>J</i>
Iron	7439-89-6				2000		16600 <i>J</i>	12300 <i>J</i>	14900 <i>J</i>	21300 <i>J</i>
Lead	7439-92-1	63	63	450	400		53.8 <i>J</i>	52.9 <i>J</i>	50.9 <i>J</i>	1140 <i>J</i>
Magnesium	7439-95-4						3040 <i>J</i>	1890 <i>J</i>	1730 <i>J</i>	2890 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		531 <i>J</i>	266 <i>J</i>	321 <i>J</i>	582 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.061 <i>J</i>	0.084 <i>J</i>	0.051	0.13 <i>J</i>
Nickel	7440-02-0	30	30	130	140		16.9 <i>J</i>	13.4 <i>J</i>	17.3 <i>J</i>	20.3 <i>J</i>
Potassium	7440-09-7						1350	1130	1570	1780
Selenium	7782-49-2	3.9	3.9	4	36		0.49 <i>J</i>	0.87 <i>J</i>	1.2 <i>J</i>	1.1 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>
Sodium	7440-23-5						69 <i>J</i>	89.9 <i>J</i>	101 <i>J</i>	79 <i>J</i>
Thallium	7440-28-0		5				0.34 <i>UJ</i>	0.4 <i>UJ</i>	0.44 <i>UJ</i>	0.45 <i>UJ</i>
Vanadium	7440-62-2		39		100		17.8 <i>J</i>	21.6 <i>J</i>	20.2 <i>J</i>	21 <i>J</i>
Zinc	7440-66-6	109	109	2480	2200		74.4 <i>J</i>	89.4 <i>J</i>	104 <i>J</i>	125 <i>J</i>
TCLP Metals (mg/L)										
Arsenic	7440-38-2							0.013 <i>J</i>	0.0099 <i>J</i>	
Barium	7440-39-3							0.38 <i>J</i>	0.31 <i>J</i>	
Cadmium	7440-43-9							0.0021	0.0013 <i>J</i>	
Chromium	7440-47-3							0.01 <i>U</i>	0.01 <i>U</i>	
Lead	7439-92-1							0.031	0.0064 <i>J</i>	
Mercury	7439-97-6							0.000043 <i>U</i>	0.000043 <i>U</i>	
Selenium	7782-49-2							0.0087 <i>U</i>	0.0087 <i>U</i>	
Silver	7440-22-4							0.0031 <i>J</i>	0.0017 <i>U</i>	

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-30	SS-29	SS-29	SS-30
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-30-(6-12)	FDUP-011924	SS-29-(0-2)	SS-30-(0-2)
01/19/2024										
Per- and Polyfluoroalkyl Substances (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00015 U	0.00017 U	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00012 U	0.00014 U	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000031 U	0.000034 U	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.00046 U	0.0005 U	
3:3 perfluorohexanoic acid	356-02-5							0.00022 U	0.00024 U	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.0001 U	0.00011 U	
4:2 fluorotelomer sulfonate	757124-72-4							0.000096 U	0.00011 U	
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.0006 U	0.00067 U	
7:3 FTCA	812-70-4							0.00038 U	0.00042 U	
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00014 U	0.00016 U	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.000064 U	0.00007 U	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.00012 U	0.00013 U	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00014 U	0.00015 U	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000039 UJ	0.000043 UJ	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.00003 U	0.000033 U	
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.00003 UJ	0.000033 U	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.00006 U	0.000066 U	
Perfluoro-3-methoxypropanoic acid	377-73-1							0.00011 U	0.00013 U	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.00005 U	0.000055 U	
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.000024 U	0.000026 U	
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000017 U	0.000019 U	
Perfluorobutanoic acid	375-22-4							0.00037 J	0.0005 J	
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000025 U	0.000028 U	
Perfluorodecanoic acid	335-76-2							0.000094 U	0.00014 J	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000021 U	0.000023 U	
Perfluorododecanoic Acid	307-55-1							0.00007 U	0.000077 U	
Perfluoroheptanesulfonic acid	375-92-8							0.000035 U	0.000039 U	
Perfluoroheptanoic acid	375-85-9							0.000095 J	0.00013 J	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000025 U	0.000028 U	
Perfluorohexanoic acid	307-24-4							0.000072 J	0.00009 J	
Perfluorononanesulfonic acid	68259-12-1							0.000035 U	0.000039 U	
Perfluorononanoic acid	375-95-1							0.00015 J	0.00027 J	
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.000015 U	0.000017 U	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088			0.00041	0.00065	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066			0.00023 J	0.00029	
Perfluoropentanesulfonic acid	2706-91-4							0.000016 U	0.000018 U	
Perfluoropentanoic Acid	2706-90-3							0.000068 J	0.000096 J	
Perfluorotetradecanoic Acid	376-06-7							0.000021 UJ	0.000035 J	
Perfluorotridecanoic Acid	72629-94-8							0.000049 J	0.000067 J	
Perfluoroundecanoic Acid	2058-94-8							0.000094 J	0.00017 J	

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-30	SS-29	SS-29	SS-30
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-30-(6-12) 01/19/2024	FDUP-011924 01/19/2024	SS-29-(0-2) 01/19/2024	SS-30-(0-2) 01/19/2024
Pesticides (mg/kg)										
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6			0.002 <i>U</i>	0.0023 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8			0.0022 <i>U</i>	0.0025 <i>U</i>	
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7			0.0045 <i>J</i>	0.003 <i>J</i>	
Aldrin	309-00-2	0.005	0.14	0.19	0.019			0.0025 <i>U</i>	0.0029 <i>U</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097			0.0019 <i>U</i>	0.0021 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	0.072			0.0019 <i>U</i>	0.0021 <i>U</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91			0.0051 <i>U</i>	0.0059 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	100			0.0019 <i>U</i>	0.0022 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	0.039			0.0025 <i>U</i>	0.0028 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	4.8			0.002 <i>U</i>	0.0023 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	4.8			0.0019 <i>U</i>	0.0021 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	4.8			0.0019 <i>U</i>	0.0022 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	2.2			0.002 <i>U</i>	0.0024 <i>U</i>	
Endrin aldehyde	7421-93-4							0.0026 <i>U</i>	0.003 <i>U</i>	
Endrin ketone	53494-70-5							0.0025 <i>U</i>	0.0029 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28			0.0019 <i>U</i>	0.0022 <i>U</i>	
gamma-Chlordane	5566-34-7			14	0.54			0.0033 <i>U</i>	0.0038 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	0.42			0.0022 <i>U</i>	0.0026 <i>U</i>	
Heptachlor epoxide	1024-57-3			0.02	0.077			0.0027 <i>U</i>	0.0031 <i>U</i>	
Methoxychlor	72-43-5		1.2	900	100			0.0021 <i>U</i>	0.0024 <i>U</i>	
Toxaphene	8001-35-2							0.06 <i>U</i>	0.069 <i>U</i>	
Petroleum (mg/kg)										
Hem (Oil & Grease)	CAS_NA_HEM							49.9 <i>U</i>	688	
Polychlorinated Biphenyls (mg/kg)										
Aroclor 1016	12674-11-2	0.1	1	3.2	1			0.059 <i>U</i>	0.066 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1			0.059 <i>U</i>	0.066 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1			0.059 <i>U</i>	0.066 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1			0.059 <i>U</i>	0.066 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1			0.059 <i>U</i>	0.066 <i>U</i>	
Aroclor 1254	11097-69-1	0.1	1	3.2	1			0.14 <i>U</i>	0.16 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1			0.14 <i>U</i>	0.16 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	91-57-6			36.4	0.41		0.19 <i>UJ</i>	0.065 <i>U</i>	0.24 <i>U</i>	0.26 <i>UJ</i>
Acenaphthene	83-32-9	20	20	98	100		0.14 <i>UJ</i>	0.048 <i>U</i>	0.18 <i>U</i>	0.19 <i>UJ</i>
Acenaphthylene	208-96-8	100		107	100		0.13 <i>UJ</i>	0.042 <i>U</i>	0.16 <i>U</i>	0.17 <i>UJ</i>
Anthracene	120-12-7	100		1000	100		0.24 <i>UJ</i>	0.08 <i>U</i>	0.3 <i>U</i>	0.32 <i>UJ</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.097 <i>UJ</i>	0.098 <i>J</i>	0.12 <i>U</i>	0.13 <i>UJ</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.14 <i>UJ</i>	0.11 <i>J</i>	0.23 <i>J</i>	0.19 <i>UJ</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.15 <i>UJ</i>	0.14 <i>J</i>	0.29 <i>J</i>	0.21 <i>UJ</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.1 <i>UJ</i>	0.1 <i>J</i>	0.19 <i>J</i>	0.14 <i>UJ</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.13 <i>UJ</i>	0.081 <i>J</i>	0.16 <i>U</i>	0.17 <i>UJ</i>
Chrysene	218-01-9	1		1	1		0.22 <i>UJ</i>	0.15 <i>J</i>	0.27 <i>U</i>	0.29 <i>UJ</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.17 <i>UJ</i>	0.057 <i>U</i>	0.21 <i>U</i>	0.23 <i>UJ</i>
Fluoranthene	206-44-0	100		1000	100		0.1 <i>UJ</i>	0.22 <i>J</i>	0.44 <i>J</i>	0.18 <i>J</i>
Fluorene	86-73-7	30	30	386	100		0.11 <i>UJ</i>	0.038 <i>U</i>	0.14 <i>U</i>	0.15 <i>UJ</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.12 <i>UJ</i>	0.091 <i>J</i>	0.18 <i>J</i>	0.16 <i>UJ</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-30	SS-29	SS-29	SS-30
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-30-(6-12) 01/19/2024	FDUP-011924 01/19/2024	SS-29-(0-2) 01/19/2024	SS-30-(0-2) 01/19/2024
Naphthalene	91-20-3	12		12	100		0.13 <i>UJ</i>	0.042 <i>U</i>	0.16 <i>U</i>	0.17 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.14 <i>UJ</i>	0.15 <i>J</i>	0.23 <i>J</i>	0.19 <i>UJ</i>
Pyrene	129-00-0	100		1000	100		0.11 <i>J</i>	0.2 <i>J</i>	0.36 <i>J</i>	0.15 <i>UJ</i>
1,1'-Biphenyl	92-52-4		60				0.14 <i>UJ</i>	0.048 <i>U</i>	0.18 <i>U</i>	0.19 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8			0.11 <i>U</i>	0.39 <i>U</i>	
2-Chloronaphthalene	91-58-7						0.16 <i>UJ</i>	0.054 <i>U</i>	0.2 <i>U</i>	0.22 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8		100		0.18 <i>U</i>	0.059 <i>U</i>	0.22 <i>U</i>	0.24 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.11 <i>U</i>	0.038 <i>U</i>	0.14 <i>U</i>	0.15 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.14 <i>UJ</i>	0.048 <i>U</i>	0.18 <i>U</i>	0.19 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.27 <i>U</i>	0.092 <i>U</i>	0.34 <i>U</i>	0.37 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.19 <i>UJ</i>	0.065 <i>U</i>	0.24 <i>U</i>	0.26 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.1 <i>U</i>	0.034 <i>U</i>	0.13 <i>U</i>	0.14 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.23 <i>U</i>	0.079 <i>U</i>	0.29 <i>U</i>	0.32 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		4.5 <i>U</i>	1.5 <i>U</i>	5.5 <i>U</i>	6.1 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.2 <i>UJ</i>	0.067 <i>U</i>	0.25 <i>U</i>	0.27 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.26 <i>U</i>	0.088 <i>U</i>	0.32 <i>U</i>	0.36 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.19 <i>U</i>	0.065 <i>U</i>	0.24 <i>U</i>	0.26 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.11 <i>UJ</i>	0.038 <i>U</i>	0.14 <i>U</i>	0.15 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.27 <i>UJ</i>	0.09 <i>U</i>	0.33 <i>U</i>	0.36 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						1.1 <i>UJ</i>	0.38 <i>U</i>	1.4 <i>U</i>	1.5 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.14 <i>UJ</i>	0.046 <i>U</i>	0.17 <i>U</i>	0.19 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.24 <i>U</i>	0.08 <i>U</i>	0.3 <i>U</i>	0.32 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.24 <i>UJ</i>	0.08 <i>U</i>	0.3 <i>U</i>	0.32 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.12 <i>UJ</i>	0.04 <i>U</i>	0.15 <i>U</i>	0.16 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.11 <i>U</i>	0.038 <i>U</i>	0.14 <i>U</i>	0.15 <i>U</i>
4-Nitroaniline	100-01-6						0.51 <i>UJ</i>	0.17 <i>U</i>	0.63 <i>U</i>	0.69 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			0.68 <i>U</i>	0.23 <i>U</i>	0.84 <i>U</i>	0.92 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.97 <i>U</i>	0.33 <i>U</i>	1.2 <i>U</i>	1.3 <i>U</i>
Acetophenone	98-86-2						0.13 <i>UJ</i>	0.044 <i>U</i>	0.16 <i>U</i>	0.18 <i>UJ</i>
Atrazine	1912-24-9						0.34 <i>UJ</i>	0.11 <i>U</i>	0.42 <i>U</i>	0.46 <i>UJ</i>
Benzaldehyde	100-52-7						0.77 <i>UJ</i>	0.26 <i>U</i>	0.95 <i>U</i>	1 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.13 <i>UJ</i>	0.042 <i>U</i>	0.16 <i>U</i>	0.17 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.21 <i>UJ</i>	0.069 <i>U</i>	0.25 <i>U</i>	0.28 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.33 <i>UJ</i>	0.11 <i>U</i>	0.41 <i>U</i>	0.45 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.16 <i>UJ</i>	0.054 <i>U</i>	0.2 <i>U</i>	0.22 <i>UJ</i>
Carbazole	86-74-8						0.11 <i>UJ</i>	0.038 <i>U</i>	0.14 <i>U</i>	0.15 <i>UJ</i>
Caprolactam	105-60-2						0.29 <i>UJ</i>	0.098 <i>U</i>	0.36 <i>U</i>	0.39 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.17 <i>UJ</i>	0.056 <i>U</i>	0.2 <i>U</i>	0.22 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.11 <i>UJ</i>	0.038 <i>U</i>	0.14 <i>U</i>	0.15 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.11 <i>UJ</i>	0.038 <i>U</i>	0.14 <i>U</i>	0.15 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.13 <i>UJ</i>	0.042 <i>U</i>	0.16 <i>U</i>	0.17 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.11 <i>UJ</i>	0.038 <i>U</i>	0.14 <i>U</i>	0.15 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.13 <i>UJ</i>	0.044 <i>U</i>	0.16 <i>U</i>	0.18 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.14 <i>UJ</i>	0.048 <i>U</i>	0.18 <i>U</i>	0.19 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.13 <i>UJ</i>	0.044 <i>U</i>	0.16 <i>U</i>	0.18 <i>UJ</i>
Hexachloroethane	67-72-1						0.13 <i>UJ</i>	0.042 <i>U</i>	0.16 <i>U</i>	0.17 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.21 <i>UJ</i>	0.069 <i>U</i>	0.25 <i>U</i>	0.28 <i>UJ</i>

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SHL-30	SS-29	SS-29	SS-30
							SHL-30-(6-12) 01/19/2024	FDUP-011924 01/19/2024	SS-29-(0-2) 01/19/2024	SS-30-(0-2) 01/19/2024
N-Nitrosodi-n-propylamine	621-64-7						0.17 <i>UJ</i>	0.056 <i>U</i>	0.2 <i>U</i>	0.22 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				0.79 <i>UJ</i>	0.26 <i>U</i>	0.97 <i>U</i>	1.1 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.11 <i>UJ</i>	0.036 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.97 <i>U</i>	0.0068 <i>U</i>	0.0077 <i>U</i>	1.3 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.15 <i>U</i>	0.05 <i>U</i>	0.18 <i>U</i>	0.2 <i>U</i>
Volatile Organic Compounds (mg/kg)										
1,1-Dichloroethane	75-34-3	0.27		0.27	19			0.00076 <i>U</i>	0.00095 <i>UJ</i>	
1,1-Dichloroethene	75-35-4	0.33		0.33	100			0.00076 <i>U</i>	0.00095 <i>U</i>	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100			0.00045 <i>U</i>	0.00056 <i>UJ</i>	
1,1,1,2-Tetrachloroethane	630-20-6							0.00062 <i>U</i>	0.00078 <i>UJ</i>	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100			0.0014 <i>U</i>	0.0018 <i>U</i>	
1,1,2-Trichloroethane	79-00-5							0.00081 <i>U</i>	0.001 <i>UJ</i>	
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35			0.001 <i>U</i>	0.0013 <i>UJ</i>	
1,2-Dibromo-3-chloropropane	96-12-8							0.0031 <i>U</i>	0.0039 <i>UJ</i>	
1,2-Dibromoethane	106-93-4							0.0008 <i>U</i>	0.001 <i>UJ</i>	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100			0.00049 <i>U</i>	0.00061 <i>UJ</i>	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3			0.00031 <i>U</i>	0.00039 <i>UJ</i>	
1,2-Dichloropropane	78-87-5		700					0.0031 <i>U</i>	0.0039 <i>UJ</i>	
1,2,4-Trichlorobenzene	120-82-1		20	3.4				0.00038 <i>U</i>	0.00047 <i>UJ</i>	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47			0.0012 <i>U</i>	0.0015 <i>UJ</i>	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17			0.00032 <i>U</i>	0.0004 <i>UJ</i>	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47			0.0004 <i>U</i>	0.0005 <i>UJ</i>	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8			0.00087 <i>U</i>	0.0011 <i>UJ</i>	
2-Butanone	78-93-3	0.12	100	0.3	100			0.0023 <i>U</i>	0.0028 <i>UJ</i>	
2-Hexanone	591-78-6							0.0031 <i>U</i>	0.0039 <i>UJ</i>	
4-Methyl-2-pentanone	108-10-1			1				0.002 <i>U</i>	0.0026 <i>UJ</i>	
Acetone	67-64-1	0.05	2.2	0.05	100			0.0052 <i>U</i>	0.0066 <i>UJ</i>	
Benzene	71-43-2	0.06	70	0.06	2.9			0.00031 <i>U</i>	0.00038 <i>UJ</i>	
Bromodichloromethane	75-27-4							0.00083 <i>U</i>	0.001 <i>UJ</i>	
Bromoform	75-25-2							0.0031 <i>U</i>	0.0039 <i>UJ</i>	
Bromomethane	74-83-9							0.00056 <i>U</i>	0.0007 <i>U</i>	
Carbon disulfide	75-15-0			2.7	100			0.0031 <i>U</i>	0.0039 <i>UJ</i>	
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4			0.0006 <i>U</i>	0.00075 <i>UJ</i>	
Chlorobenzene	108-90-7	1.1	40	1.1	100			0.00082 <i>U</i>	0.001 <i>UJ</i>	
Chloroethane	75-00-3			1.9				0.0014 <i>U</i>	0.0018 <i>U</i>	
Chloroform	67-66-3	0.37	12	0.37	10			0.00039 <i>U</i>	0.00048 <i>UJ</i>	
Chloromethane	74-87-3							0.00038 <i>U</i>	0.00047 <i>U</i>	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59			0.0008 <i>U</i>	0.001 <i>UJ</i>	
cis-1,3-Dichloropropene	10061-01-5							0.0009 <i>U</i>	0.0011 <i>UJ</i>	
Cyclohexane	110-82-7							0.00087 <i>U</i>	0.0011 <i>UJ</i>	
Dibromochloromethane	124-48-1		10					0.0008 <i>U</i>	0.001 <i>UJ</i>	
Dichlorodifluoromethane	75-71-8							0.00051 <i>U</i>	0.00064 <i>U</i>	
Ethylbenzene	100-41-4	1		1	30			0.00043 <i>U</i>	0.00054 <i>UJ</i>	
Isopropylbenzene	98-82-8			2.3	100			0.00094 <i>U</i>	0.0012 <i>UJ</i>	
m,p-Xylene	179601-23-1							0.001 <i>U</i>	0.0013 <i>UJ</i>	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62			0.00061 <i>U</i>	0.00076 <i>U</i>	
Methyl Acetate	79-20-9							0.0038 <i>U</i>	0.0047 <i>UJ</i>	

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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SHL-30	SS-29	SS-29	SS-30
						Sample ID Sample Date	SHL-30-(6-12) 01/19/2024	FDUP-011924 01/19/2024	SS-29-(0-2) 01/19/2024	SS-30-(0-2) 01/19/2024
Methylcyclohexane	108-87-2							0.00095 <i>U</i>	0.0012 <i>UJ</i>	
Methylene Chloride	75-09-2	0.05	12	0.05	51			0.0029 <i>U</i>	0.0036 <i>U</i>	
n-Butylbenzene	104-51-8	12		12	100			0.00054 <i>U</i>	0.00068 <i>UJ</i>	
n-Propylbenzene	103-65-1	3.9		3.9	100			0.0005 <i>U</i>	0.00062 <i>UJ</i>	
o-Xylene	95-47-6							0.00081 <i>U</i>	0.001 <i>UJ</i>	
sec-Butylbenzene	135-98-8	11		11	100			0.00054 <i>U</i>	0.00068 <i>UJ</i>	
Styrene	100-42-5		300					0.00031 <i>U</i>	0.00039 <i>UJ</i>	
tert-Butylbenzene	98-06-6	5.9		5.9	100			0.00065 <i>U</i>	0.00081 <i>UJ</i>	
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5			0.00084 <i>U</i>	0.001 <i>UJ</i>	
Toluene	108-88-3	0.7	36	0.7	100			0.00047 <i>U</i>	0.00059 <i>UJ</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100			0.00064 <i>U</i>	0.0008 <i>UJ</i>	
trans-1,3-Dichloropropene	10061-02-6							0.0027 <i>U</i>	0.0034 <i>UJ</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	10			0.0014 <i>U</i>	0.0017 <i>UJ</i>	
Trichlorofluoromethane	75-69-4							0.00059 <i>U</i>	0.00074 <i>U</i>	
Vinyl Chloride	75-01-4	0.02		0.02	0.21			0.00076 <i>U</i>	0.00095 <i>U</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	100			0.001 <i>U</i>	0.0013 <i>UJ</i>	

Table 2-2. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (S)

Notes:

- Bold** = Exceeds NYSDEC Restricted Use SCO, Protection of Ecological Resources
- Underline = Exceeds NYSDEC Restricted Use SCO, Protection of Groundwater
- Italic* = Exceeds NYSDEC Unrestricted Use SCO
- Shading** = Exceeds NYSDEC Restricted Use SCO, Residential
- CAS = Chemical Abstract Service
- mg/kg = milligrams per kilogram
- mg/L = milligrams per liter
- NYSDEC = New York State Department of Environmental Conservation
- SCO = soil cleanup objective
- TCLP = toxicity characteristic leaching procedure

Qualifiers:

- J = Quantitation is approximate with no direction of bias due to limitations identified during data validation.
- U = The laboratory reported this analyte as “not-detected” or this analyte was detected in a laboratory, field, and/or equipment blank at a similar level and should be considered “not-detected.”
- UJ = This analyte was not detected, but the detection limit may or may not be higher due to a bias identified during data validation.
- R = Rejected results not reported on table.

^aNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives

^bNYSDEC, 2023, 6 NYCRR PART 375 Environmental Remediation Programs, Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS), Guidance Values for Anticipated Site Use

^cNYSDEC, 2010, CP-51 Soil Cleanup Guidance, Supplemental Soil Cleanup Objective

^dNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Protection of Ecological Resources

^eNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Protection of Groundwater

^fNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Residential

^gScreening criteria is conservatively compared to hexavalent chromium SCOs

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SB-15	SB-16	SB-17
							SB-15-(6.5-16.8) 01/16/2024	SB-16-(16.6-17.1) 01/16/2024	SB-17-(2-28) 01/12/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.96 <i>U</i>	0.43 <i>U</i>	0.47 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100				
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100				
Dichlorprop	120-36-5								
Picloram	1918-02-1								
Silvex	93-72-1	3.8		3.8	58				
Metals (mg/kg)									
Aluminum	7429-90-5		10000				16400 <i>J</i>	2090 <i>J</i>	7160 <i>J</i>
Antimony	7440-36-0		12				6.6 <i>J</i>	157 <i>J</i>	503 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		13.1 <i>J</i>	55.2 <i>J</i>	125 <i>J</i>
Barium	7440-39-3	350	433	820	350		299	2090	4990
Beryllium	7440-41-7	7.2	10	47	14		0.75	0.4	2.2
Cadmium	7440-43-9	2.5	4	7.5	2.5		1.5	17.2	49.9 <i>J</i>
Calcium	7440-70-2		10000				22900 <i>J</i>	2960 <i>J</i>	4640
Chromium ⁹	7440-47-3	1	1	19	22		35.5 <i>J</i>	22.8 <i>J</i>	42.9 <i>J</i>
Cobalt	7440-48-4		20		30		12.4	2.7	2.4 <i>J</i>
Copper	7440-50-8	50	50	1720	270		35.1 <i>J</i>	622 <i>J</i>	158
Iron	7439-89-6				2000		28700	1660	5010
Lead	7439-92-1	63	63	450	400		194 <i>J</i>	943 <i>J</i>	2200 <i>J</i>
Magnesium	7439-95-4						6030 <i>J</i>	210 <i>J</i>	1440
Manganese	7439-96-5	1600	1600	2000	2000		489 <i>J</i>	15.8 <i>J</i>	68.1 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.55 <i>J</i>	0.42 <i>J</i>	0.25
Nickel	7440-02-0	30	30	130	140		29.6 <i>J</i>	20.4 <i>J</i>	16.7 <i>J</i>
Potassium	7440-09-7						1990 <i>J</i>	284 <i>J</i>	1240 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	36		1.5 <i>J</i>	3.3 <i>J</i>	0.45 <i>U</i>
Silver	7440-22-4	2	2	8.3	36		0.78 <i>J</i>	13.5 <i>J</i>	2.1
Sodium	7440-23-5						459	160	763
Thallium	7440-28-0		5				0.68 <i>U</i>	0.31 <i>U</i>	0.34 <i>U</i>
Vanadium	7440-62-2		39		100		29.7 <i>J</i>	5.6 <i>J</i>	3.3
Zinc	7440-66-6	109	109	2480	2200		566 <i>J</i>	305 <i>J</i>	212 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2								
Barium	7440-39-3								
Cadmium	7440-43-9								
Chromium	7440-47-3								
Lead	7439-92-1								
Mercury	7439-97-6								
Selenium	7782-49-2								
Silver	7440-22-4								

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-15	SB-16	SB-17
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SB-15-(6.5-16.8)	SB-16-(16.6-17.1)	SB-17-(2-28)
				Groundwater ^{b,c,e}		Sample Date	01/16/2024	01/16/2024	01/12/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9								
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7								
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9								
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3								
3:3 perfluorohexanoic acid	356-02-5								
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4								
4:2 fluorotelomer sulfonate	757124-72-4								
6:2 Fluorotelomer sulfonic acid	27619-97-2								
7:3 FTCA	812-70-4								
8:2 Fluorotelomer sulfonic acid	39108-34-4								
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1								
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6								
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2								
N-ethylperfluoro-1-octanesulfonamide	4151-50-2								
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6								
N-methylperfluoro-1-octanesulfonamide	31506-32-8								
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6								
Perfluoro-3-methoxypropanoic acid	377-73-1								
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7								
Perfluoro(4-methoxybutanoic) acid	863090-89-5								
Perfluorobutanesulfonic acid (PFBS)	375-73-5								
Perfluorobutanoic acid	375-22-4								
Perfluorodecanesulfonic acid (PFDS)	335-77-3								
Perfluorodecanoic acid	335-76-2								
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5								
Perfluorododecanoic Acid	307-55-1								
Perfluoroheptanesulfonic acid	375-92-8								
Perfluoroheptanoic acid	375-85-9								
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4								
Perfluorohexanoic acid	307-24-4								
Perfluorononanesulfonic acid	68259-12-1								
Perfluorononanoic acid	375-95-1								
Perfluorooctanesulfonamide (PFOSA)	754-91-6								
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088				
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066				
Perfluoropentanesulfonic acid	2706-91-4								
Perfluoropentanoic Acid	2706-90-3								
Perfluorotetradecanoic Acid	376-06-7								
Perfluorotridecanoic Acid	72629-94-8								
Perfluoroundecanoic Acid	2058-94-8								

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-15	SB-16	SB-17
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SB-15-(6.5-16.8)	SB-16-(16.6-17.1)	SB-17-(2-28)
				Groundwater ^{b,c,e}		Sample Date	01/16/2024	01/16/2024	01/12/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6				
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8				
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7				
Aldrin	309-00-2	0.005	0.14	0.19	0.019				
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097				
beta-BHC	319-85-7	0.036	0.6	0.09	0.072				
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91				
delta-BHC	319-86-8	0.04	0.04	0.25	100				
Dieldrin	60-57-1	0.005	0.006	0.1	0.039				
Endosulfan I	959-98-8	2.4		102	4.8				
Endosulfan II	33213-65-9	2.4		102	4.8				
Endosulfan sulfate	1031-07-8	2.4		1000	4.8				
Endrin	72-20-8	0.014	0.014	0.06	2.2				
Endrin aldehyde	7421-93-4								
Endrin ketone	53494-70-5								
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28				
gamma-Chlordane	5566-34-7			14	0.54				
Heptachlor	76-44-8	0.042	0.14	0.38	0.42				
Heptachlor epoxide	1024-57-3			0.02	0.077				
Methoxychlor	72-43-5		1.2	900	100				
Toxaphene	8001-35-2								
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM								
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1				
Aroclor 1221	11104-28-2	0.1	1	3.2	1				
Aroclor 1232	11141-16-5	0.1	1	3.2	1				
Aroclor 1242	53469-21-9	0.1	1	3.2	1				
Aroclor 1248	12672-29-6	0.1	1	3.2	1				
Aroclor 1254	11097-69-1	0.1	1	3.2	1				
Aroclor 1260	11096-82-5	0.1	1	3.2	1				
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		16 J	0.034 U	0.18 U
Acenaphthene	83-32-9	20	20	98	100		25 J	0.025 U	0.13 U
Acenaphthylene	208-96-8	100		107	100		34 J	0.022 U	0.12 U
Anthracene	120-12-7	100		1000	100		68	0.043 U	0.22 U
Benzo[a]anthracene	56-55-3	1		1	1		170	0.045 J	0.091 U
Benzo[a]pyrene	50-32-8	1	2.6	22	1		190	0.053 J	0.13 U
Benzo[b]fluoranthene	205-99-2	1		1.7	1		210	0.065 J	0.14 U
Benzo[g,h,i]perylene	191-24-2	100		1000	100		100	0.033 J	0.096 U
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		94	0.024 J	0.12 U
Chrysene	218-01-9	1		1	1		200	0.053 J	0.2 U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		27 J	0.03 U	0.16 U
Fluoranthene	206-44-0	100		1000	100		550	0.12 J	0.096 U
Fluorene	86-73-7	30	30	386	100		45	0.02 U	0.11 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		100	0.031 J	0.11 U
Naphthalene	91-20-3	12		12	100		42	0.022 U	0.12 U

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-15	SB-16	SB-17
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SB-15-(6.5-16.8)	SB-16-(16.6-17.1)	SB-17-(2-28)
				Groundwater ^{b,c,e}		Sample Date	01/16/2024	01/16/2024	01/12/2024
Phenanthrene	85-01-8	100		1000	100		580	0.087 J	0.13 U
Pyrene	129-00-0	100		1000	100		460	0.097 J	0.11 U
1,1'-Biphenyl	92-52-4		60				6.3 J	0.025 U	0.13 U
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8				
2-Chloronaphthalene	91-58-7						6.4 U	0.028 U	0.15 U
2-Chlorophenol	95-57-8		0.8		100		7.1 U	0.031 U	0.17 U
2-Methylphenol	95-48-7	0.33		0.33	100		4.6 U	0.02 U	0.11 U
2-Nitroaniline	88-74-4			0.4			5.7 U	0.025 U	0.13 U
2-Nitrophenol	88-75-5		7	0.3			11 U	0.049 U	0.26 U
2,2'-oxybis(1-Chloropropane)	108-60-1						7.7 U	0.034 U	0.18 U
2,4-Dichlorophenol	120-83-2		20	0.4	100		4.1 U	0.018 U	0.096 U
2,4-Dimethylphenol	105-67-9						9.3 U	0.042 U	0.22 U
2,4-Dinitrophenol	51-28-5		20	0.2	100		180 U	0.79 U	4.2 U
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		10 U	0.047 U	0.25 U
2,4,6-Trichlorophenol	88-06-2		10				7.7 U	0.034 U	0.18 U
2,4-Dinitrotoluene	121-14-2						8 U	0.035 U	0.19 U
2,6-Dinitrotoluene	606-20-2			1	1.03		4.6 U	0.02 U	0.11 U
3-Nitroaniline	99-09-2			0.5			11 U	0.048 U	0.25 U
3,3'-Dichlorobenzidine	91-94-1						46 U	0.2 U	1.1 U
4-Bromophenyl-phenylether	101-55-3						5.5 U	0.024 U	0.13 U
4-Chloro-3-methylphenol	59-50-7						9.6 U	0.043 U	0.22 U
4-Chloroaniline	106-47-8			0.22	100		9.6 U	0.043 U	0.22 U
4-Chlorophenyl-phenyl ether	7005-72-3						4.8 U	0.021 U	0.11 U
4-Methylphenol	106-44-5	0.33		0.33	34		5.2 J	0.02 U	0.11 U
4-Nitroaniline	100-01-6						20 U	0.09 U	0.48 U
4-Nitrophenol	100-02-7		7	0.1			27 U	0.12 U	0.64 U
4,6-Dinitro-O-cresol	534-52-1						39 U	0.17 U	0.91 U
Acetophenone	98-86-2						5.2 U	0.023 U	0.12 U
Atrazine	1912-24-9						13 U	0.06 U	0.32 U
Benzaldehyde	100-52-7						31 U	0.14 U	0.72 U
Bis(2-chloroethyl)ether	111-44-4						5 U	0.022 U	0.12 U
bis(2-Chloroethoxy)methane	111-91-1						8.2 U	0.036 U	0.19 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		13 U	0.1 J	0.31 U
Butyl benzyl phthalate	85-68-7			122	100		6.4 U	0.028 U	0.15 U
Carbazole	86-74-8						52	0.02 U	0.11 U
Caprolactam	105-60-2						12 U	0.052 U	0.27 U
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		6.6 U	0.029 J	0.15 U
Di-n-octylphthalate	117-84-0			120	100		4.6 U	0.02 U	0.11 U
Dibenzofuran	132-64-9	7		6.2	14		41	0.02 U	0.11 U
Diethyl phthalate	84-66-2		100	7.1	100		5 U	0.022 U	0.12 U
Dimethyl phthalate	131-11-3		200	27	100		4.6 U	0.02 U	0.11 U
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		5.2 U	0.023 U	0.12 U
Hexachlorobutadiene	87-68-3						5.7 U	0.025 U	0.13 U
Hexachlorocyclopentadiene	77-47-4		10				5.2 U	0.023 U	0.12 U
Hexachloroethane	67-72-1						5 U	0.022 U	0.12 U
Isophorone	78-59-1			4.4	100		8.2 U	0.036 U	0.19 U
N-Nitrosodi-n-propylamine	621-64-7						6.6 U	0.029 U	0.15 U
N-Nitrosodiphenylamine	86-30-6		20				31 U	0.14 U	0.74 U

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SB-15	SB-16	SB-17
							SB-15-(6.5-16.8)	SB-16-(16.6-17.1)	SB-17-(2-28)
							01/16/2024	01/16/2024	01/12/2024
Nitrobenzene	98-95-3		40	0.17	3.7		4.3 <i>U</i>	0.019 <i>U</i>	0.1 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		39 <i>U</i>	0.17 <i>U</i>	0.91 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		5.9 <i>U</i>	0.026 <i>U</i>	0.14 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19				
1,1-Dichloroethene	75-35-4	0.33		0.33	100				
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100				
1,1,1,2-Tetrachloroethane	630-20-6								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100				
1,1,2-Trichloroethane	79-00-5								
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35				
1,2-Dibromo-3-chloropropane	96-12-8								
1,2-Dibromoethane	106-93-4								
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100				
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3				
1,2-Dichloropropane	78-87-5		700						
1,2,4-Trichlorobenzene	120-82-1		20	3.4					
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47				
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17				
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47				
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8				
2-Butanone	78-93-3	0.12	100	0.3	100				
2-Hexanone	591-78-6			7					
4-Methyl-2-pentanone	108-10-1			1					
Acetone	67-64-1	0.05	2.2	0.05	100				
Benzene	71-43-2	0.06	70	0.06	2.9				
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon disulfide	75-15-0			2.7	100				
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4				
Chlorobenzene	108-90-7	1.1	40	1.1	100				
Chloroethane	75-00-3			1.9					
Chloroform	67-66-3	0.37	12	0.37	10				
Chloromethane	74-87-3								
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59				
cis-1,3-Dichloropropene	10061-01-5								
Cyclohexane	110-82-7								
Dibromochloromethane	124-48-1		10						
Dichlorodifluoromethane	75-71-8								
Ethylbenzene	100-41-4	1		1	30				
Isopropylbenzene	98-82-8			2.3	100				
m,p-Xylene	179601-23-1								
Methyl Acetate	79-20-9								
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62				
Methylcyclohexane	108-87-2								
Methylene Chloride	75-09-2	0.05	12	0.05	51				
n-Butylbenzene	104-51-8	12		12	100				

Table 2-3. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SB-15	SB-16	SB-17
						Sample ID	SB-15-(6.5-16.8)	SB-16-(16.6-17.1)	SB-17-(2-28)
						Sample Date	01/16/2024	01/16/2024	01/12/2024
n-Propylbenzene	103-65-1	3.9		3.9	100				
o-Xylene	95-47-6								
sec-Butylbenzene	135-98-8	11		11	100				
Styrene	100-42-5		300						
tert-Butylbenzene	98-06-6	5.9		5.9	100				
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5				
Toluene	108-88-3	0.7	36	0.7	100				
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100				
trans-1,3-Dichloropropene	10061-02-6								
Trichloroethylene	79-01-6	0.47	2	0.47	10				
Trichlorofluoromethane	75-69-4								
Vinyl Chloride	75-01-4	0.02		0.02	0.21				
Xylenes	1330-20-7	0.26	0.26	1.6	100				

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-18	SB-19	SB-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-18-(16-21.5) 01/15/2024	FDUP_011224 01/12/2024	FDUP2_011224 01/12/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.5 <i>UJ</i>	0.54 <i>U</i>	0.46 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100			0.012 <i>U</i>	0.011 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100			0.0059 <i>U</i>	0.0057 <i>U</i>
Dichlorprop	120-36-5							0.0092 <i>U</i>	0.009 <i>U</i>
Picloram	1918-02-1							0.0079 <i>U</i>	0.0077 <i>U</i>
Silvex	93-72-1	3.8		3.8	58			0.0066 <i>U</i>	0.0065 <i>U</i>
Metals (mg/kg)									
Aluminum	7429-90-5		10000				4940	4080 <i>J</i>	13400
Antimony	7440-36-0		12				562	93.1 <i>J</i>	6.1 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		65.2	141 <i>J</i>	9.4
Barium	7440-39-3	350	433	820	350		1250	1870	112
Beryllium	7440-41-7	7.2	10	47	14		0.31	0.31	0.62
Cadmium	7440-43-9	2.5	4	7.5	2.5		8.7	21.9 <i>J</i>	0.16 <i>J</i>
Calcium	7440-70-2		10000				11200	3370	987
Chromium ⁹	7440-47-3	1	1	19	22		23.1	96.1 <i>J</i>	23
Cobalt	7440-48-4		20		30		5.1	9.2 <i>J</i>	13.4
Copper	7440-50-8	50	50	1720	270		46.9	34.4	16.6
Iron	7439-89-6				2000		12300	9060	27200
Lead	7439-92-1	63	63	450	400		1290	8340	61.8 <i>J</i>
Magnesium	7439-95-4						2050	1680	4240
Manganese	7439-96-5	1600	1600	2000	2000		213	91 <i>J</i>	424 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.59 <i>J</i>	8.9	0.051
Nickel	7440-02-0	30	30	130	140		21	25.5 <i>J</i>	29.8
Potassium	7440-09-7						820	1670 <i>J</i>	1340
Selenium	7782-49-2	3.9	3.9	4	36		1.2 <i>J</i>	2 <i>J</i>	0.46 <i>U</i>
Silver	7440-22-4	2	2	8.3	36		0.82	2.6	0.23 <i>U</i>
Sodium	7440-23-5						374	539	95.6 <i>J</i>
Thallium	7440-28-0		5				0.35 <i>U</i>	0.34 <i>U</i>	0.34 <i>U</i>
Vanadium	7440-62-2		39		100		10.4	8.8	20.1
Zinc	7440-66-6	109	109	2480	2200		332	288 <i>J</i>	69.2
TCLP Metals (mg/L)									
Arsenic	7440-38-2							0.023	
Barium	7440-39-3							1.6 <i>J</i>	
Cadmium	7440-43-9							0.54	
Chromium	7440-47-3							0.017 <i>J</i>	
Lead	7439-92-1							23.2	
Mercury	7439-97-6							0.00015 <i>J</i>	
Selenium	7782-49-2							0.0087 <i>U</i>	
Silver	7440-22-4							0.0017 <i>U</i>	

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-18	SB-19	SB-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SB-18-(16-21.5)	FDUP_011224	FDUP2_011224
				Groundwater ^{b,c,e}		Sample Date	01/15/2024	01/12/2024	01/12/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00014 U	0.00013 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00011 U	0.0001 U
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000028 U	0.000026 U
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.00041 U	0.00039 U
3:3 perfluorohexanoic acid	356-02-5							0.0002 U	0.00019 U
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.000092 U	0.000086 U
4:2 fluorotelomer sulfonate	757124-72-4							0.000088 U	0.000081 U
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.00055 U	0.00051 U
7:3 FTCA	812-70-4							0.00035 U	0.00032 U
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00013 U	0.00012 U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.000058 U	0.000054 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.00011 U	0.000099 U
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00013 U	0.00012 UJ
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000035 U	0.000033 UJ
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000027 U	0.000025 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000027 U	0.000025 UJ
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.000055 U	0.000051 U
Perfluoro-3-methoxypropanoic acid	377-73-1							0.0001 U	0.000096 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.000045 U	0.000042 U
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.000022 U	0.00002 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000016 U	0.000015 U
Perfluorobutanoic acid	375-22-4							0.000042 U	0.000039 U
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000023 U	0.000021 U
Perfluorodecanoic acid	335-76-2							0.000085 U	0.000079 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000019 U	0.000018 U
Perfluorododecanoic Acid	307-55-1							0.000064 U	0.000059 UJ
Perfluoroheptanesulfonic acid	375-92-8							0.000032 U	0.00003 U
Perfluoroheptanoic acid	375-85-9							0.000025 U	0.000023 U
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000023 U	0.000021 U
Perfluorohexanoic acid	307-24-4							0.000024 U	0.000022 U
Perfluorononanesulfonic acid	68259-12-1							0.000032 U	0.00003 U
Perfluorononanoic acid	375-95-1							0.000014 U	0.000013 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.000014 U	0.000013 U
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088			0.000064 U	0.000059 U
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066			0.000048 U	0.000044 U
Perfluoropentanesulfonic acid	2706-91-4							0.000015 U	0.000014 U
Perfluoropentanoic Acid	2706-90-3							0.000024 U	0.000022 U
Perfluorotetradecanoic Acid	376-06-7							0.000019 U	0.000018 U
Perfluorotridecanoic Acid	72629-94-8							0.000032 U	0.00003 UJ
Perfluoroundecanoic Acid	2058-94-8							0.000032 U	0.00003 U

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-18	SB-19	SB-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-18-(16-21.5) 01/15/2024	FDUP_011224 01/12/2024	FDUP2_011224 01/12/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6			0.0073 <i>U</i>	0.00035 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8			0.0079 <i>U</i>	0.00038 <i>U</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7			0.0088 <i>U</i>	0.00043 <i>U</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.019			0.0092 <i>U</i>	0.00045 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097			0.0068 <i>U</i>	0.00033 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	0.072			0.0068 <i>U</i>	0.00069 <i>J</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91			0.019 <i>U</i>	0.00091 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	100			0.007 <i>U</i>	0.00034 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	0.039			0.009 <i>U</i>	0.00044 <i>U</i>
Endosulfan I	959-98-8	2.4		102	4.8			0.0072 <i>U</i>	0.00035 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	4.8			0.0068 <i>U</i>	0.00033 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	4.8			0.007 <i>U</i>	0.00034 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	2.2			0.0074 <i>U</i>	0.00036 <i>U</i>
Endrin aldehyde	7421-93-4							0.0096 <i>U</i>	0.00047 <i>U</i>
Endrin ketone	53494-70-5							0.0092 <i>U</i>	0.00045 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28			0.0069 <i>U</i>	0.00033 <i>U</i>
gamma-Chlordane	5566-34-7			14	0.54			0.012 <i>U</i>	0.00058 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	0.42			0.0081 <i>U</i>	0.00039 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02	0.077			0.0097 <i>U</i>	0.00047 <i>U</i>
Methoxychlor	72-43-5		1.2	900	100			0.0077 <i>U</i>	0.00037 <i>U</i>
Toxaphene	8001-35-2							0.22 <i>U</i>	0.011 <i>U</i>
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM							45.5 <i>U</i>	60.4 <i>J</i>
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1			0.051 <i>U</i>	0.049 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1			0.051 <i>U</i>	0.049 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1			0.051 <i>U</i>	0.049 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1			0.051 <i>U</i>	0.049 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1			0.051 <i>U</i>	0.049 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1			0.12 <i>U</i>	0.12 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1			0.12 <i>J</i>	0.12 <i>U</i>
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		3.9 <i>U</i>	0.19 <i>UJ</i>	0.037 <i>U</i>
Acenaphthene	83-32-9	20	20	98	100		2.9 <i>U</i>	0.14 <i>UJ</i>	0.027 <i>U</i>
Acenaphthylene	208-96-8	100		107	100		2.5 <i>U</i>	0.12 <i>UJ</i>	0.024 <i>U</i>
Anthracene	120-12-7	100		1000	100		4.8 <i>U</i>	0.24 <i>UJ</i>	0.046 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	1		2 <i>U</i>	0.096 <i>UJ</i>	0.019 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		2.9 <i>U</i>	0.14 <i>UJ</i>	0.027 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		3.1 <i>U</i>	0.15 <i>UJ</i>	0.029 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		2.1 <i>U</i>	0.1 <i>UJ</i>	0.02 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		2.5 <i>U</i>	0.12 <i>UJ</i>	0.024 <i>U</i>
Chrysene	218-01-9	1		1	1		4.4 <i>U</i>	0.21 <i>UJ</i>	0.041 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		3.4 <i>U</i>	0.17 <i>UJ</i>	0.033 <i>U</i>
Fluoranthene	206-44-0	100		1000	100		2.1 <i>U</i>	0.16 <i>J</i>	0.02 <i>U</i>
Fluorene	86-73-7	30	30	386	100		2.3 <i>U</i>	0.11 <i>UJ</i>	0.022 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		2.4 <i>U</i>	0.12 <i>UJ</i>	0.023 <i>U</i>
Naphthalene	91-20-3	12		12	100		2.5 <i>U</i>	0.12 <i>UJ</i>	0.024 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-18	SB-19	SB-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-18-(16-21.5) 01/15/2024	FDUP_011224 01/12/2024	FDUP2_011224 01/12/2024
Phenanthrene	85-01-8	100		1000	100		2.9 <i>U</i>	0.14 <i>UJ</i>	0.027 <i>U</i>
Pyrene	129-00-0	100		1000	100		2.3 <i>U</i>	0.13 <i>J</i>	0.022 <i>U</i>
1,1'-Biphenyl	92-52-4		60				2.9 <i>U</i>	0.14 <i>UJ</i>	0.027 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8			0.31 <i>UJ</i>	0.06 <i>U</i>
2-Chloronaphthalene	91-58-7						3.2 <i>U</i>	0.16 <i>UJ</i>	0.031 <i>U</i>
2-Chlorophenol	95-57-8		0.8		100		3.6 <i>U</i>	0.17 <i>U</i>	0.034 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		2.3 <i>U</i>	0.11 <i>U</i>	0.022 <i>U</i>
2-Nitroaniline	88-74-4			0.4			2.9 <i>U</i>	0.14 <i>UJ</i>	0.027 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			5.5 <i>U</i>	0.27 <i>U</i>	0.052 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						3.9 <i>U</i>	0.19 <i>UJ</i>	0.037 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		2.1 <i>U</i>	0.1 <i>U</i>	0.02 <i>U</i>
2,4-Dimethylphenol	105-67-9						4.7 <i>U</i>	0.23 <i>U</i>	0.045 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		90 <i>U</i>	4.4 <i>U</i>	0.86 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		5.3 <i>U</i>	0.26 <i>U</i>	0.05 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				3.9 <i>U</i>	0.19 <i>U</i>	0.037 <i>U</i>
2,4-Dinitrotoluene	121-14-2						4 <i>U</i>	0.2 <i>UJ</i>	0.038 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		2.3 <i>U</i>	0.11 <i>UJ</i>	0.022 <i>U</i>
3-Nitroaniline	99-09-2			0.5			5.4 <i>U</i>	0.26 <i>UJ</i>	0.051 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						23 <i>U</i>	1.1 <i>UJ</i>	0.22 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						2.8 <i>U</i>	0.14 <i>UJ</i>	0.026 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						4.8 <i>U</i>	0.24 <i>U</i>	0.046 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		4.8 <i>U</i>	0.24 <i>UJ</i>	0.046 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						2.4 <i>U</i>	0.12 <i>UJ</i>	0.023 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		2.3 <i>UJ</i>	0.11 <i>U</i>	0.022 <i>U</i>
4-Nitroaniline	100-01-6						10 <i>U</i>	0.5 <i>UJ</i>	0.097 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			14 <i>U</i>	0.67 <i>U</i>	0.13 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						20 <i>U</i>	0.96 <i>U</i>	0.19 <i>U</i>
Acetophenone	98-86-2						2.6 <i>U</i>	0.13 <i>UJ</i>	0.025 <i>U</i>
Atrazine	1912-24-9						6.8 <i>U</i>	0.33 <i>UJ</i>	0.064 <i>U</i>
Benzaldehyde	100-52-7						15 <i>U</i>	0.76 <i>UJ</i>	0.15 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						2.5 <i>U</i>	0.12 <i>UJ</i>	0.024 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						4.1 <i>U</i>	0.2 <i>UJ</i>	0.039 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		6.7 <i>UJ</i>	0.33 <i>UJ</i>	0.063 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		3.2 <i>J</i>	0.16 <i>UJ</i>	0.031 <i>U</i>
Carbazole	86-74-8						2.3 <i>U</i>	0.11 <i>UJ</i>	0.022 <i>U</i>
Caprolactam	105-60-2						5.9 <i>U</i>	0.29 <i>UJ</i>	0.056 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		3.3 <i>U</i>	0.16 <i>UJ</i>	0.032 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		2.3 <i>UJ</i>	0.11 <i>UJ</i>	0.022 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		2.3 <i>U</i>	0.11 <i>UJ</i>	0.022 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		2.5 <i>U</i>	0.12 <i>UJ</i>	0.024 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		2.3 <i>U</i>	0.11 <i>UJ</i>	0.022 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		2.6 <i>U</i>	0.13 <i>UJ</i>	0.025 <i>U</i>
Hexachlorobutadiene	87-68-3						2.9 <i>U</i>	0.14 <i>UJ</i>	0.027 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				2.6 <i>U</i>	0.13 <i>UJ</i>	0.025 <i>U</i>
Hexachloroethane	67-72-1						2.5 <i>U</i>	0.12 <i>UJ</i>	0.024 <i>U</i>
Isophorone	78-59-1			4.4	100		4.1 <i>U</i>	0.2 <i>UJ</i>	0.039 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						3.3 <i>U</i>	0.16 <i>UJ</i>	0.032 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				16 <i>U</i>	0.78 <i>UJ</i>	0.15 <i>U</i>

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Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-18	SB-19	SB-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SB-18-(16-21.5)	FDUP_011224	FDUP2_011224
						Sample Date	01/15/2024	01/12/2024	01/12/2024
Nitrobenzene	98-95-3		40	0.17	3.7		2.2 <i>U</i>	0.11 <i>UJ</i>	0.021 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		20 <i>U</i>	0.006 <i>U</i>	0.0058 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		3 <i>U</i>	0.15 <i>U</i>	0.028 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19			0.00093 <i>U</i>	0.00043 <i>U</i>
1,1-Dichloroethene	75-35-4	0.33		0.33	100			0.00093 <i>UJ</i>	0.00043 <i>U</i>
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100			0.00055 <i>U</i>	0.00025 <i>U</i>
1,1,1,2-Tetrachloroethane	630-20-6							0.00076 <i>U</i>	0.00035 <i>U</i>
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100			0.0017 <i>U</i>	0.00079 <i>U</i>
1,1,2-Trichloroethane	79-00-5							0.00099 <i>UJ</i>	0.00045 <i>U</i>
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35			0.0012 <i>UJ</i>	0.00057 <i>UJ</i>
1,2-Dibromo-3-chloropropane	96-12-8							0.0038 <i>UJ</i>	0.0017 <i>U</i>
1,2-Dibromoethane	106-93-4							0.00098 <i>UJ</i>	0.00045 <i>U</i>
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100			0.0006 <i>UJ</i>	0.00027 <i>U</i>
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3			0.00038 <i>UJ</i>	0.00017 <i>U</i>
1,2-Dichloropropane	78-87-5		700					0.0038 <i>UJ</i>	0.0017 <i>U</i>
1,2,4-Trichlorobenzene	120-82-1		20	3.4			<i>R</i>		0.00021 <i>U</i>
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47			0.0015 <i>UJ</i>	0.00067 <i>U</i>
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17			0.00039 <i>UJ</i>	0.00018 <i>U</i>
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47			0.00049 <i>UJ</i>	0.00022 <i>U</i>
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8			0.0011 <i>UJ</i>	0.00049 <i>U</i>
2-Butanone	78-93-3	0.12	100	0.3	100			0.0028 <i>UJ</i>	0.0013 <i>UJ</i>
2-Hexanone	591-78-6			7				0.0038 <i>UJ</i>	0.0017 <i>U</i>
4-Methyl-2-pentanone	108-10-1			1				0.0025 <i>U</i>	0.0011 <i>U</i>
Acetone	67-64-1	0.05	2.2	0.05	100			0.0064 <i>U</i>	0.0029 <i>UJ</i>
Benzene	71-43-2	0.06	70	0.06	2.9			0.00037 <i>UJ</i>	0.00017 <i>U</i>
Bromodichloromethane	75-27-4							0.001 <i>UJ</i>	0.00047 <i>U</i>
Bromoform	75-25-2							0.0038 <i>UJ</i>	0.0017 <i>U</i>
Bromomethane	74-83-9							0.00069 <i>U</i>	0.00031 <i>U</i>
Carbon disulfide	75-15-0			2.7	100			0.0038 <i>UJ</i>	0.0017 <i>U</i>
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4			0.00074 <i>U</i>	0.00034 <i>U</i>
Chlorobenzene	108-90-7	1.1	40	1.1	100			0.001 <i>UJ</i>	0.00046 <i>U</i>
Chloroethane	75-00-3			1.9				0.0017 <i>UJ</i>	0.00079 <i>U</i>
Chloroform	67-66-3	0.37	12	0.37	10			0.00047 <i>UJ</i>	0.00022 <i>U</i>
Chloromethane	74-87-3							0.00046 <i>U</i>	0.00021 <i>U</i>
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59			0.00098 <i>UJ</i>	0.00045 <i>U</i>
cis-1,3-Dichloropropene	10061-01-5							0.0011 <i>UJ</i>	0.0005 <i>U</i>
Cyclohexane	110-82-7							0.0011 <i>U</i>	0.00049 <i>U</i>
Dibromochloromethane	124-48-1		10					0.00098 <i>UJ</i>	0.00045 <i>U</i>
Dichlorodifluoromethane	75-71-8							0.00063 <i>U</i>	0.00029 <i>U</i>
Ethylbenzene	100-41-4	1		1	30			0.00053 <i>UJ</i>	0.00024 <i>U</i>
Isopropylbenzene	98-82-8			2.3	100			0.0011 <i>UJ</i>	0.00053 <i>U</i>
m,p-Xylene	179601-23-1							0.0013 <i>UJ</i>	0.00059 <i>U</i>
Methyl Acetate	79-20-9							0.0046 <i>U</i>	0.0021 <i>U</i>
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62			0.00075 <i>U</i>	0.00034 <i>U</i>
Methylcyclohexane	108-87-2							0.0012 <i>UJ</i>	0.00053 <i>U</i>
Methylene Chloride	75-09-2	0.05	12	0.05	51			0.0035 <i>UJ</i>	0.0016 <i>U</i>
n-Butylbenzene	104-51-8	12		12	100			0.00066 <i>UJ</i>	0.0003 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-18	SB-19	SB-19
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SB-18-(16-21.5)	FDUP_011224	FDUP2_011224
				Groundwater ^{b,c,e}		Sample Date	01/15/2024	01/12/2024	01/12/2024
n-Propylbenzene	103-65-1	3.9		3.9	100			0.00061 <i>UJ</i>	0.00028 <i>U</i>
o-Xylene	95-47-6							0.001 <i>UJ</i>	0.00046 <i>U</i>
sec-Butylbenzene	135-98-8	11		11	100			0.00066 <i>UJ</i>	0.0003 <i>U</i>
Styrene	100-42-5		300					0.00038 <i>UJ</i>	0.00017 <i>U</i>
tert-Butylbenzene	98-06-6	5.9		5.9	100			0.00079 <i>U</i>	0.00036 <i>U</i>
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5			0.001 <i>UJ</i>	0.00047 <i>U</i>
Toluene	108-88-3	0.7	36	0.7	100			0.00058 <i>UJ</i>	0.00026 <i>U</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100			0.00079 <i>UJ</i>	0.00036 <i>U</i>
trans-1,3-Dichloropropene	10061-02-6							0.0034 <i>UJ</i>	0.0015 <i>U</i>
Trichloroethylene	79-01-6	0.47	2	0.47	10			0.0017 <i>UJ</i>	0.00077 <i>U</i>
Trichlorofluoromethane	75-69-4							0.00072 <i>U</i>	0.00033 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	0.21			0.00093 <i>UJ</i>	0.00043 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	100			0.0013 <i>UJ</i>	0.00059 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-19	SB-19	SHL-31
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-19-(0.9-13) 01/12/2024	SB-19-(13-20) 01/12/2024	SHL-31-(0-6) 01/18/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.49 <i>U</i>	0.48 <i>U</i>	0.65 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		0.012 <i>U</i>	0.012 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		0.0062 <i>U</i>	0.0059 <i>U</i>	
Dichlorprop	120-36-5						0.0096 <i>U</i>	0.0092 <i>U</i>	
Picloram	1918-02-1						0.0083 <i>U</i>	0.0079 <i>U</i>	
Silvex	93-72-1	3.8		3.8	58		0.0069 <i>U</i>	0.0066 <i>U</i>	
Metals (mg/kg)									
Aluminum	7429-90-5		10000				3690 <i>J</i>	12600	14500 <i>J</i>
Antimony	7440-36-0		12				127 <i>J</i>	6.3 <i>J</i>	5.4 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		177 <i>J</i>	13.3	9.3 <i>J</i>
Barium	7440-39-3	350	433	820	350		2800	137	132
Beryllium	7440-41-7	7.2	10	47	14		0.3	0.65	0.68
Cadmium	7440-43-9	2.5	4	7.5	2.5		22.3 <i>J</i>	0.68	0.18 <i>J</i>
Calcium	7440-70-2		10000				2580	1340	1900 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		188 <i>J</i>	27	18.2 <i>J</i>
Cobalt	7440-48-4		20		30		10.7 <i>J</i>	12.2	10.8
Copper	7440-50-8	50	50	1720	270		36	18.8	17.7 <i>J</i>
Iron	7439-89-6				2000		8470	25000	24000
Lead	7439-92-1	63	63	450	400		7530	213 <i>J</i>	45 <i>J</i>
Magnesium	7439-95-4						1380	3920	3210 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		108 <i>J</i>	392 <i>J</i>	555 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		19.3	0.046	0.047 <i>J</i>
Nickel	7440-02-0	30	30	130	140		27.2 <i>J</i>	26.3	23.3 <i>J</i>
Potassium	7440-09-7						1360 <i>J</i>	1370	1730 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	36		3.3 <i>J</i>	0.83 <i>J</i>	0.64 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		1.4	0.21 <i>U</i>	0.4 <i>J</i>
Sodium	7440-23-5						470	101 <i>J</i>	54.6 <i>J</i>
Thallium	7440-28-0		5				0.36 <i>U</i>	0.34 <i>J</i>	0.4 <i>U</i>
Vanadium	7440-62-2		39		100		9.1	19	21.4 <i>J</i>
Zinc	7440-66-6	109	109	2480	2200		280 <i>J</i>	72	84.8 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2						0.019		
Barium	7440-39-3						1.7 <i>J</i>		
Cadmium	7440-43-9						0.68		
Chromium	7440-47-3						0.017 <i>J</i>		
Lead	7439-92-1						24.4		
Mercury	7439-97-6						0.00078		
Selenium	7782-49-2						0.0087 <i>U</i>		
Silver	7440-22-4						0.0017 <i>U</i>		

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-19	SB-19	SHL-31
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-19-(0.9-13) 01/12/2024	SB-19-(13-20) 01/12/2024	SHL-31-(0-6) 01/18/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00014 <i>U</i>	0.00013 <i>U</i>	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00012 <i>U</i>	0.00011 <i>U</i>	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000029 <i>U</i>	0.000027 <i>U</i>	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00043 <i>U</i>	0.00039 <i>U</i>	
3:3 perfluorohexanoic acid	356-02-5						0.00021 <i>U</i>	0.00019 <i>U</i>	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.000095 <i>U</i>	0.000087 <i>U</i>	
4:2 fluorotelomer sulfonate	757124-72-4						0.00009 <i>U</i>	0.000082 <i>U</i>	
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00057 <i>U</i>	0.00052 <i>U</i>	
7:3 FTCA	812-70-4						0.00036 <i>U</i>	0.00033 <i>U</i>	
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00014 <i>U</i>	0.00012 <i>U</i>	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00006 <i>U</i>	0.000055 <i>U</i>	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00011 <i>U</i>	0.0001 <i>U</i>	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00013 <i>U</i>	0.00012 <i>U</i>	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000036 <i>UJ</i>	0.000033 <i>U</i>	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000028 <i>U</i>	0.000026 <i>U</i>	
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000028 <i>UJ</i>	0.000026 <i>U</i>	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000056 <i>U</i>	0.000051 <i>U</i>	
Perfluoro-3-methoxypropanoic acid	377-73-1						0.00011 <i>U</i>	0.000097 <i>U</i>	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000047 <i>U</i>	0.000043 <i>U</i>	
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000022 <i>U</i>	0.00002 <i>U</i>	
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000016 <i>U</i>	0.000015 <i>U</i>	
Perfluorobutanoic acid	375-22-4						0.000043 <i>U</i>	0.00004 <i>U</i>	
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000023 <i>U</i>	0.000021 <i>U</i>	
Perfluorodecanoic acid	335-76-2						0.000088 <i>U</i>	0.00008 <i>U</i>	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.00002 <i>U</i>	0.000018 <i>U</i>	
Perfluorododecanoic Acid	307-55-1						0.000065 <i>U</i>	0.00006 <i>U</i>	
Perfluoroheptanesulfonic acid	375-92-8						0.000033 <i>U</i>	0.00003 <i>U</i>	
Perfluoroheptanoic acid	375-85-9						0.000026 <i>U</i>	0.000024 <i>U</i>	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000023 <i>U</i>	0.000021 <i>U</i>	
Perfluorohexanoic acid	307-24-4						0.000025 <i>U</i>	0.000022 <i>U</i>	
Perfluorononanesulfonic acid	68259-12-1						0.000033 <i>U</i>	0.00003 <i>U</i>	
Perfluorononanoic acid	375-95-1						0.000014 <i>U</i>	0.000013 <i>U</i>	
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000014 <i>U</i>	0.000013 <i>U</i>	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		0.00008 <i>U</i>	0.00006 <i>U</i>	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		0.000049 <i>U</i>	0.000045 <i>U</i>	
Perfluoropentanesulfonic acid	2706-91-4						0.000015 <i>U</i>	0.000014 <i>U</i>	
Perfluoropentanoic Acid	2706-90-3						0.000025 <i>U</i>	0.000022 <i>U</i>	
Perfluorotetradecanoic Acid	376-06-7						0.00002 <i>U</i>	0.000018 <i>UJ</i>	
Perfluorotridecanoic Acid	72629-94-8						0.000033 <i>U</i>	0.00003 <i>UJ</i>	
Perfluoroundecanoic Acid	2058-94-8						0.000033 <i>U</i>	0.00003 <i>U</i>	

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-19	SB-19	SHL-31
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-19-(0.9-13) 01/12/2024	SB-19-(13-20) 01/12/2024	SHL-31-(0-6) 01/18/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.0038 <i>U</i>	0.00036 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.0041 <i>U</i>	0.00039 <i>U</i>	
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7		0.0045 <i>U</i>	0.0011 <i>U</i>	
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.0048 <i>U</i>	0.00045 <i>U</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.0035 <i>U</i>	0.00033 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.0035 <i>U</i>	0.00075 <i>J</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.0096 <i>U</i>	0.00092 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.0036 <i>U</i>	0.00034 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.0046 <i>U</i>	0.00044 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	4.8		0.0037 <i>U</i>	0.00035 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	4.8		0.0035 <i>U</i>	0.00033 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.0036 <i>U</i>	0.00034 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.0038 <i>U</i>	0.00036 <i>U</i>	
Endrin aldehyde	7421-93-4						0.0049 <i>U</i>	0.00047 <i>U</i>	
Endrin ketone	53494-70-5						0.0048 <i>U</i>	0.00045 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.0035 <i>U</i>	0.00034 <i>U</i>	
gamma-Chlordane	5566-34-7			14	0.54		0.0061 <i>U</i>	0.00059 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.0042 <i>U</i>	0.0004 <i>U</i>	
Heptachlor epoxide	1024-57-3			0.02	0.077		0.005 <i>U</i>	0.00048 <i>U</i>	
Methoxychlor	72-43-5		1.2	900	100		0.0039 <i>U</i>	0.00038 <i>U</i>	
Toxaphene	8001-35-2						0.11 <i>U</i>	0.011 <i>U</i>	
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						46.7 <i>U</i>	44.5 <i>U</i>	
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.05 <i>U</i>	0.048 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.05 <i>U</i>	0.048 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.05 <i>U</i>	0.048 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.05 <i>U</i>	0.048 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.05 <i>U</i>	0.048 <i>U</i>	
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.12 <i>U</i>	0.12 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.12 <i>U</i>	0.12 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.2 <i>UJ</i>	0.037 <i>U</i>	0.046 <i>U</i>
Acenaphthene	83-32-9	20	20	98	100		0.15 <i>UJ</i>	0.028 <i>U</i>	0.034 <i>U</i>
Acenaphthylene	208-96-8	100		107	100		0.13 <i>UJ</i>	0.024 <i>U</i>	0.03 <i>U</i>
Anthracene	120-12-7	100		1000	100		0.24 <i>UJ</i>	0.046 <i>U</i>	0.057 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.099 <i>UJ</i>	0.019 <i>U</i>	0.05 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.18 <i>J</i>	0.028 <i>U</i>	0.055 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.29 <i>J</i>	0.03 <i>U</i>	0.062 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.14 <i>J</i>	0.02 <i>U</i>	0.028 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.13 <i>UJ</i>	0.024 <i>U</i>	0.033 <i>J</i>
Chrysene	218-01-9	1		1	1		0.24 <i>J</i>	0.042 <i>U</i>	0.057 <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.17 <i>UJ</i>	0.033 <i>U</i>	0.041 <i>U</i>
Fluoranthene	206-44-0	100		1000	100		0.36 <i>J</i>	0.02 <i>U</i>	0.089 <i>J</i>
Fluorene	86-73-7	30	30	386	100		0.12 <i>UJ</i>	0.022 <i>U</i>	0.027 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.15 <i>J</i>	0.023 <i>U</i>	0.03 <i>J</i>
Naphthalene	91-20-3	12		12	100		0.13 <i>UJ</i>	0.024 <i>U</i>	0.03 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-19	SB-19	SHL-31
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-19-(0.9-13) 01/12/2024	SB-19-(13-20) 01/12/2024	SHL-31-(0-6) 01/18/2024
Phenanthrene	85-01-8	100		1000	100		0.18 <i>J</i>	0.028 <i>U</i>	0.049 <i>J</i>
Pyrene	129-00-0	100		1000	100		0.22 <i>J</i>	0.022 <i>U</i>	0.073 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.15 <i>UJ</i>	0.028 <i>U</i>	0.034 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		0.32 <i>UJ</i>	0.061 <i>U</i>	
2-Chloronaphthalene	91-58-7						0.16 <i>UJ</i>	0.031 <i>U</i>	0.038 <i>U</i>
2-Chlorophenol	95-57-8		0.8		100		0.18 <i>U</i>	0.034 <i>U</i>	0.042 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.12 <i>U</i>	0.022 <i>U</i>	0.027 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.15 <i>UJ</i>	0.028 <i>U</i>	0.034 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.28 <i>U</i>	0.053 <i>U</i>	0.065 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.2 <i>UJ</i>	0.037 <i>U</i>	0.046 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.1 <i>U</i>	0.02 <i>U</i>	0.024 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.24 <i>U</i>	0.045 <i>U</i>	0.056 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		4.6 <i>U</i>	0.86 <i>U</i>	1.1 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.27 <i>U</i>	0.051 <i>U</i>	0.062 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.2 <i>U</i>	0.037 <i>U</i>	0.046 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.2 <i>UJ</i>	0.039 <i>U</i>	0.047 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.12 <i>UJ</i>	0.022 <i>U</i>	0.027 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.27 <i>UJ</i>	0.052 <i>U</i>	0.064 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						1.2 <i>UJ</i>	0.22 <i>U</i>	0.27 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.14 <i>UJ</i>	0.026 <i>U</i>	0.033 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.24 <i>U</i>	0.046 <i>U</i>	0.057 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.24 <i>UJ</i>	0.046 <i>U</i>	0.057 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.12 <i>UJ</i>	0.023 <i>U</i>	0.028 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.12 <i>U</i>	0.022 <i>U</i>	0.027 <i>U</i>
4-Nitroaniline	100-01-6						0.52 <i>UJ</i>	0.098 <i>U</i>	0.12 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.69 <i>U</i>	0.13 <i>U</i>	0.16 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.99 <i>U</i>	0.19 <i>U</i>	0.23 <i>U</i>
Acetophenone	98-86-2						0.13 <i>UJ</i>	0.025 <i>U</i>	0.031 <i>U</i>
Atrazine	1912-24-9						0.34 <i>UJ</i>	0.065 <i>U</i>	0.08 <i>U</i>
Benzaldehyde	100-52-7						0.78 <i>UJ</i>	0.15 <i>U</i>	0.18 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.13 <i>UJ</i>	0.024 <i>U</i>	0.03 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.21 <i>UJ</i>	0.04 <i>U</i>	0.049 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.34 <i>UJ</i>	0.064 <i>U</i>	0.079 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		0.16 <i>UJ</i>	0.031 <i>U</i>	0.038 <i>U</i>
Carbazole	86-74-8						0.12 <i>UJ</i>	0.022 <i>U</i>	0.027 <i>U</i>
Caprolactam	105-60-2						0.3 <i>UJ</i>	0.056 <i>U</i>	0.069 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.17 <i>UJ</i>	0.032 <i>U</i>	0.039 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		0.12 <i>UJ</i>	0.022 <i>U</i>	0.027 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		0.12 <i>UJ</i>	0.022 <i>U</i>	0.027 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.13 <i>UJ</i>	0.024 <i>U</i>	0.03 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		0.12 <i>UJ</i>	0.022 <i>U</i>	0.027 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.13 <i>UJ</i>	0.025 <i>U</i>	0.031 <i>U</i>
Hexachlorobutadiene	87-68-3						0.15 <i>UJ</i>	0.028 <i>U</i>	0.034 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.13 <i>UJ</i>	0.025 <i>U</i>	0.031 <i>U</i>
Hexachloroethane	67-72-1						0.13 <i>UJ</i>	0.024 <i>U</i>	0.03 <i>U</i>
Isophorone	78-59-1			4.4	100		0.21 <i>UJ</i>	0.04 <i>U</i>	0.049 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.17 <i>UJ</i>	0.032 <i>U</i>	0.039 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.8 <i>UJ</i>	0.15 <i>U</i>	0.19 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-19	SB-19	SHL-31
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-19-(0.9-13) 01/12/2024	SB-19-(13-20) 01/12/2024	SHL-31-(0-6) 01/18/2024
Nitrobenzene	98-95-3		40	0.17	3.7		0.11 <i>UJ</i>	0.021 <i>U</i>	0.026 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.0063 <i>U</i>	0.006 <i>U</i>	0.23 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.15 <i>U</i>	0.029 <i>U</i>	0.035 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19		0.00056 <i>U</i>	0.00045 <i>U</i>	
1,1-Dichloroethene	75-35-4	0.33		0.33	100		0.00056 <i>UJ</i>	0.00045 <i>U</i>	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100		0.00033 <i>U</i>	0.00027 <i>U</i>	
1,1,1,2-Tetrachloroethane	630-20-6						0.00046 <i>U</i>	0.00037 <i>U</i>	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100		0.001 <i>U</i>	0.00084 <i>U</i>	
1,1,2-Trichloroethane	79-00-5						0.0006 <i>UJ</i>	0.00048 <i>U</i>	
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35		0.00074 <i>UJ</i>	0.0006 <i>UJ</i>	
1,2-Dibromo-3-chloropropane	96-12-8						0.0023 <i>UJ</i>	0.0018 <i>U</i>	
1,2-Dibromoethane	106-93-4						0.00059 <i>UJ</i>	0.00047 <i>U</i>	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100		0.00036 <i>UJ</i>	0.00029 <i>U</i>	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3		0.00023 <i>UJ</i>	0.00018 <i>U</i>	
1,2-Dichloropropane	78-87-5		700				0.0023 <i>UJ</i>	0.0018 <i>U</i>	
1,2,4-Trichlorobenzene	120-82-1		20	3.4			<i>R</i>	0.00022 <i>U</i>	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47		0.00088 <i>UJ</i>	0.0007 <i>U</i>	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17		0.00024 <i>UJ</i>	0.00019 <i>U</i>	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47		0.0003 <i>UJ</i>	0.00024 <i>U</i>	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8		0.00064 <i>UJ</i>	0.00051 <i>U</i>	
2-Butanone	78-93-3	0.12	100	0.3	100		0.0017 <i>UJ</i>	0.0013 <i>UJ</i>	
2-Hexanone	591-78-6			7			0.0023 <i>UJ</i>	0.0018 <i>U</i>	
4-Methyl-2-pentanone	108-10-1			1			0.0015 <i>U</i>	0.0012 <i>U</i>	
Acetone	67-64-1	0.05	2.2	0.05	100		0.0039 <i>U</i>	0.0031 <i>UJ</i>	
Benzene	71-43-2	0.06	70	0.06	2.9		0.00022 <i>UJ</i>	0.00018 <i>U</i>	
Bromodichloromethane	75-27-4						0.00061 <i>UJ</i>	0.00049 <i>U</i>	
Bromoform	75-25-2						0.0023 <i>UJ</i>	0.0018 <i>U</i>	
Bromomethane	74-83-9						0.00041 <i>U</i>	0.00033 <i>U</i>	
Carbon disulfide	75-15-0			2.7	100		0.0023 <i>UJ</i>	0.0018 <i>U</i>	
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4		0.00044 <i>U</i>	0.00036 <i>U</i>	
Chlorobenzene	108-90-7	1.1	40	1.1	100		0.00061 <i>UJ</i>	0.00048 <i>U</i>	
Chloroethane	75-00-3			1.9			0.001 <i>UJ</i>	0.00083 <i>U</i>	
Chloroform	67-66-3	0.37	12	0.37	10		0.00028 <i>UJ</i>	0.00023 <i>U</i>	
Chloromethane	74-87-3						0.00028 <i>U</i>	0.00022 <i>U</i>	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59		0.00059 <i>UJ</i>	0.00047 <i>U</i>	
cis-1,3-Dichloropropene	10061-01-5						0.00066 <i>UJ</i>	0.00053 <i>U</i>	
Cyclohexane	110-82-7						0.00064 <i>U</i>	0.00051 <i>U</i>	
Dibromochloromethane	124-48-1		10				0.00059 <i>UJ</i>	0.00047 <i>U</i>	
Dichlorodifluoromethane	75-71-8						0.00038 <i>U</i>	0.0003 <i>U</i>	
Ethylbenzene	100-41-4	1		1	30		0.00032 <i>UJ</i>	0.00025 <i>U</i>	
Isopropylbenzene	98-82-8			2.3	100		0.00069 <i>UJ</i>	0.00055 <i>U</i>	
m,p-Xylene	179601-23-1						0.00077 <i>UJ</i>	0.00062 <i>U</i>	
Methyl Acetate	79-20-9						0.0028 <i>U</i>	0.0022 <i>U</i>	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62		0.00045 <i>U</i>	0.00036 <i>U</i>	
Methylcyclohexane	108-87-2						0.0007 <i>UJ</i>	0.00056 <i>U</i>	
Methylene Chloride	75-09-2	0.05	12	0.05	51		0.0021 <i>UJ</i>	0.0017 <i>U</i>	
n-Butylbenzene	104-51-8	12		12	100		0.0004 <i>UJ</i>	0.00032 <i>U</i>	

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-19	SB-19	SHL-31
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-19-(0.9-13) 01/12/2024	SB-19-(13-20) 01/12/2024	SHL-31-(0-6) 01/18/2024
n-Propylbenzene	103-65-1	3.9		3.9	100		0.00037 <i>UJ</i>	0.00029 <i>U</i>	
o-Xylene	95-47-6						0.0006 <i>UJ</i>	0.00048 <i>U</i>	
sec-Butylbenzene	135-98-8	11		11	100		0.0004 <i>UJ</i>	0.00032 <i>U</i>	
Styrene	100-42-5		300				0.00023 <i>UJ</i>	0.00018 <i>U</i>	
tert-Butylbenzene	98-06-6	5.9		5.9	100		0.00048 <i>U</i>	0.00038 <i>U</i>	
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5		0.00062 <i>UJ</i>	0.00049 <i>U</i>	
Toluene	108-88-3	0.7	36	0.7	100		0.00035 <i>UJ</i>	0.00028 <i>U</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100		0.00047 <i>UJ</i>	0.00038 <i>U</i>	
trans-1,3-Dichloropropene	10061-02-6						0.002 <i>UJ</i>	0.0016 <i>U</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	10		0.001 <i>UJ</i>	0.00081 <i>U</i>	
Trichlorofluoromethane	75-69-4						0.00043 <i>U</i>	0.00035 <i>U</i>	
Vinyl Chloride	75-01-4	0.02		0.02	0.21		0.00056 <i>UJ</i>	0.00045 <i>U</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	100		0.00077 <i>UJ</i>	0.00062 <i>U</i>	

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-31	SHL-31	SHL-32
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-31-(12-24) 01/18/2024	SHL-31-(6-12) 01/18/2024	SHL-32-(0-6) 01/18/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.55 <i>J</i>	0.78 <i>U</i>	0.53 <i>J</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100				
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100				
Dichlorprop	120-36-5								
Picloram	1918-02-1								
Silvex	93-72-1	3.8		3.8	58				
Metals (mg/kg)									
Aluminum	7429-90-5		10000				11200 <i>J</i>	19500 <i>J</i>	11000 <i>J</i>
Antimony	7440-36-0		12				5.4 <i>J</i>	9 <i>J</i>	7.6 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		6.9 <i>J</i>	33.3 <i>J</i>	14 <i>J</i>
Barium	7440-39-3	350	433	820	350		128	195	144
Beryllium	7440-41-7	7.2	10	47	14		0.48	0.95	0.57
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.13 <i>J</i>	0.29 <i>J</i>	0.48
Calcium	7440-70-2		10000				6880 <i>J</i>	2520 <i>J</i>	2630 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		13.8 <i>J</i>	22.7 <i>J</i>	40.3 <i>J</i>
Cobalt	7440-48-4		20		30		8.9	32	10.4
Copper	7440-50-8	50	50	1720	270		41.8 <i>J</i>	32.1 <i>J</i>	18.8 <i>J</i>
Iron	7439-89-6				2000		22800	37600	22200
Lead	7439-92-1	63	63	450	400		51.1 <i>J</i>	61.4 <i>J</i>	228 <i>J</i>
Magnesium	7439-95-4						2770 <i>J</i>	4500 <i>J</i>	2760 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		350 <i>J</i>	1010 <i>J</i>	550 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.054 <i>J</i>	0.063 <i>J</i>	0.05 <i>J</i>
Nickel	7440-02-0	30	30	130	140		20.5 <i>J</i>	36 <i>J</i>	23 <i>J</i>
Potassium	7440-09-7						1040 <i>J</i>	2100 <i>J</i>	1420 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	36		0.5 <i>J</i>	0.89 <i>J</i>	0.61 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.35 <i>J</i>	0.74 <i>J</i>	0.33 <i>J</i>
Sodium	7440-23-5						60.7 <i>J</i>	72 <i>J</i>	53 <i>J</i>
Thallium	7440-28-0		5				0.32 <i>U</i>	0.53 <i>U</i>	0.36 <i>U</i>
Vanadium	7440-62-2		39		100		15.9 <i>J</i>	26.4 <i>J</i>	17.2 <i>J</i>
Zinc	7440-66-6	109	109	2480	2200		99.7 <i>J</i>	120 <i>J</i>	83 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2								
Barium	7440-39-3								
Cadmium	7440-43-9								
Chromium	7440-47-3								
Lead	7439-92-1								
Mercury	7439-97-6								
Selenium	7782-49-2								
Silver	7440-22-4								

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-31	SHL-31	SHL-32
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SHL-31-(12-24)	SHL-31-(6-12)	SHL-32-(0-6)
				Groundwater ^{b,c,e}		Sample Date	01/18/2024	01/18/2024	01/18/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9								
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7								
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9								
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3								
3:3 perfluorohexanoic acid	356-02-5								
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4								
4:2 fluorotelomer sulfonate	757124-72-4								
6:2 Fluorotelomer sulfonic acid	27619-97-2								
7:3 FTCA	812-70-4								
8:2 Fluorotelomer sulfonic acid	39108-34-4								
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1								
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6								
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2								
N-ethylperfluoro-1-octanesulfonamide	4151-50-2								
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6								
N-methylperfluoro-1-octanesulfonamide	31506-32-8								
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6								
Perfluoro-3-methoxypropanoic acid	377-73-1								
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7								
Perfluoro(4-methoxybutanoic) acid	863090-89-5								
Perfluorobutanesulfonic acid (PFBS)	375-73-5								
Perfluorobutanoic acid	375-22-4								
Perfluorodecanesulfonic acid (PFDS)	335-77-3								
Perfluorodecanoic acid	335-76-2								
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5								
Perfluorododecanoic Acid	307-55-1								
Perfluoroheptanesulfonic acid	375-92-8								
Perfluoroheptanoic acid	375-85-9								
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4								
Perfluorohexanoic acid	307-24-4								
Perfluorononanesulfonic acid	68259-12-1								
Perfluorononanoic acid	375-95-1								
Perfluorooctanesulfonamide (PFOSA)	754-91-6								
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088				
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066				
Perfluoropentanesulfonic acid	2706-91-4								
Perfluoropentanoic Acid	2706-90-3								
Perfluorotetradecanoic Acid	376-06-7								
Perfluorotridecanoic Acid	72629-94-8								
Perfluoroundecanoic Acid	2058-94-8								

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-31	SHL-31	SHL-32
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-31-(12-24) 01/18/2024	SHL-31-(6-12) 01/18/2024	SHL-32-(0-6) 01/18/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6				
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8				
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7				
Aldrin	309-00-2	0.005	0.14	0.19	0.019				
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097				
beta-BHC	319-85-7	0.036	0.6	0.09	0.072				
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91				
delta-BHC	319-86-8	0.04	0.04	0.25	100				
Dieldrin	60-57-1	0.005	0.006	0.1	0.039				
Endosulfan I	959-98-8	2.4		102	4.8				
Endosulfan II	33213-65-9	2.4		102	4.8				
Endosulfan sulfate	1031-07-8	2.4		1000	4.8				
Endrin	72-20-8	0.014	0.014	0.06	2.2				
Endrin aldehyde	7421-93-4								
Endrin ketone	53494-70-5								
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28				
gamma-Chlordane	5566-34-7			14	0.54				
Heptachlor	76-44-8	0.042	0.14	0.38	0.42				
Heptachlor epoxide	1024-57-3			0.02	0.077				
Methoxychlor	72-43-5		1.2	900	100				
Toxaphene	8001-35-2								
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM								
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1				
Aroclor 1221	11104-28-2	0.1	1	3.2	1				
Aroclor 1232	11141-16-5	0.1	1	3.2	1				
Aroclor 1242	53469-21-9	0.1	1	3.2	1				
Aroclor 1248	12672-29-6	0.1	1	3.2	1				
Aroclor 1254	11097-69-1	0.1	1	3.2	1				
Aroclor 1260	11096-82-5	0.1	1	3.2	1				
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.38 <i>U</i>	0.06 <i>U</i>	0.41 <i>U</i>
Acenaphthene	83-32-9	20	20	98	100		0.28 <i>U</i>	0.044 <i>U</i>	0.3 <i>U</i>
Acenaphthylene	208-96-8	100		107	100		0.25 <i>U</i>	0.039 <i>U</i>	0.26 <i>U</i>
Anthracene	120-12-7	100		1000	100		0.73 <i>J</i>	0.091 <i>J</i>	0.5 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	1		3.7	0.24 <i>J</i>	0.2 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		5.5	0.23 <i>J</i>	0.3 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		6.2	0.28 <i>J</i>	0.32 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		2.3	0.089 <i>J</i>	0.22 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		2.8	0.11 <i>J</i>	0.26 <i>U</i>
Chrysene	218-01-9	1		1	1		4.3	0.25 <i>J</i>	0.46 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.75 <i>J</i>	0.053 <i>U</i>	0.36 <i>U</i>
Fluoranthene	206-44-0	100		1000	100		7.3	0.51	0.22 <i>U</i>
Fluorene	86-73-7	30	30	386	100		0.23 <i>U</i>	0.036 <i>U</i>	0.24 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		2.4	0.098 <i>J</i>	0.25 <i>U</i>
Naphthalene	91-20-3	12		12	100		0.25 <i>U</i>	0.039 <i>U</i>	0.26 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-31	SHL-31	SHL-32
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-31-(12-24) 01/18/2024	SHL-31-(6-12) 01/18/2024	SHL-32-(0-6) 01/18/2024
Phenanthrene	85-01-8	100		1000	100		3.4	0.37	0.3 <i>U</i>
Pyrene	129-00-0	100		1000	100		6.4	0.38	0.24 <i>U</i>
1,1'-Biphenyl	92-52-4		60				0.28 <i>U</i>	0.044 <i>U</i>	0.3 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8				
2-Chloronaphthalene	91-58-7						0.32 <i>U</i>	0.05 <i>U</i>	0.34 <i>U</i>
2-Chlorophenol	95-57-8		0.8		100		0.35 <i>U</i>	0.055 <i>U</i>	0.37 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.23 <i>U</i>	0.036 <i>U</i>	0.24 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.28 <i>U</i>	0.044 <i>U</i>	0.3 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.54 <i>U</i>	0.085 <i>U</i>	0.58 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.38 <i>U</i>	0.06 <i>U</i>	0.41 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.2 <i>U</i>	0.032 <i>U</i>	0.22 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.46 <i>U</i>	0.073 <i>U</i>	0.49 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		8.9 <i>U</i>	1.4 <i>U</i>	9.4 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.52 <i>U</i>	0.082 <i>U</i>	0.55 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.38 <i>U</i>	0.06 <i>U</i>	0.41 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.4 <i>U</i>	0.062 <i>U</i>	0.42 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.23 <i>U</i>	0.036 <i>U</i>	0.24 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.53 <i>U</i>	0.084 <i>U</i>	0.56 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						2.3 <i>U</i>	0.36 <i>U</i>	2.4 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.27 <i>U</i>	0.043 <i>U</i>	0.29 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.47 <i>U</i>	0.075 <i>U</i>	0.5 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.47 <i>U</i>	0.075 <i>U</i>	0.5 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.24 <i>U</i>	0.037 <i>U</i>	0.25 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.23 <i>U</i>	0.036 <i>U</i>	0.24 <i>U</i>
4-Nitroaniline	100-01-6						1 <i>U</i>	0.16 <i>U</i>	1.1 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			1.3 <i>U</i>	0.21 <i>U</i>	1.4 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1.9 <i>U</i>	0.3 <i>U</i>	2 <i>U</i>
Acetophenone	98-86-2						0.26 <i>U</i>	0.041 <i>U</i>	0.28 <i>U</i>
Atrazine	1912-24-9						0.67 <i>U</i>	0.1 <i>U</i>	0.71 <i>U</i>
Benzaldehyde	100-52-7						1.5 <i>U</i>	0.24 <i>U</i>	1.6 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.25 <i>U</i>	0.039 <i>U</i>	0.26 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.41 <i>U</i>	0.064 <i>U</i>	0.43 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.65 <i>U</i>	0.1 <i>U</i>	0.7 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		0.32 <i>U</i>	0.05 <i>U</i>	0.34 <i>U</i>
Carbazole	86-74-8						0.52 <i>J</i>	0.047 <i>J</i>	0.24 <i>U</i>
Caprolactam	105-60-2						0.58 <i>U</i>	0.091 <i>U</i>	0.61 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.33 <i>U</i>	0.052 <i>U</i>	0.35 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		0.23 <i>U</i>	0.036 <i>U</i>	0.24 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		0.23 <i>U</i>	0.036 <i>U</i>	0.24 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.25 <i>U</i>	0.039 <i>U</i>	0.26 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		0.23 <i>U</i>	0.036 <i>U</i>	0.24 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.26 <i>U</i>	0.041 <i>U</i>	0.28 <i>U</i>
Hexachlorobutadiene	87-68-3						0.28 <i>U</i>	0.044 <i>U</i>	0.3 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.26 <i>U</i>	0.041 <i>U</i>	0.28 <i>U</i>
Hexachloroethane	67-72-1						0.25 <i>U</i>	0.039 <i>U</i>	0.26 <i>U</i>
Isophorone	78-59-1			4.4	100		0.41 <i>U</i>	0.064 <i>U</i>	0.43 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.33 <i>U</i>	0.052 <i>U</i>	0.35 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				1.6 <i>U</i>	0.25 <i>U</i>	1.7 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-31	SHL-31	SHL-32
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-31-(12-24) 01/18/2024	SHL-31-(6-12) 01/18/2024	SHL-32-(0-6) 01/18/2024
Nitrobenzene	98-95-3		40	0.17	3.7		0.21 <i>U</i>	0.034 <i>U</i>	0.23 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		1.9 <i>U</i>	0.3 <i>U</i>	2 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.29 <i>U</i>	0.046 <i>U</i>	0.31 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19				
1,1-Dichloroethene	75-35-4	0.33		0.33	100				
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100				
1,1,1,2-Tetrachloroethane	630-20-6								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100				
1,1,2-Trichloroethane	79-00-5								
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35				
1,2-Dibromo-3-chloropropane	96-12-8								
1,2-Dibromoethane	106-93-4								
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100				
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3				
1,2-Dichloropropane	78-87-5		700						
1,2,4-Trichlorobenzene	120-82-1		20	3.4					
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47				
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17				
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47				
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8				
2-Butanone	78-93-3	0.12	100	0.3	100				
2-Hexanone	591-78-6			7					
4-Methyl-2-pentanone	108-10-1			1					
Acetone	67-64-1	0.05	2.2	0.05	100				
Benzene	71-43-2	0.06	70	0.06	2.9				
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon disulfide	75-15-0			2.7	100				
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4				
Chlorobenzene	108-90-7	1.1	40	1.1	100				
Chloroethane	75-00-3			1.9					
Chloroform	67-66-3	0.37	12	0.37	10				
Chloromethane	74-87-3								
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59				
cis-1,3-Dichloropropene	10061-01-5								
Cyclohexane	110-82-7								
Dibromochloromethane	124-48-1		10						
Dichlorodifluoromethane	75-71-8								
Ethylbenzene	100-41-4	1		1	30				
Isopropylbenzene	98-82-8			2.3	100				
m,p-Xylene	179601-23-1								
Methyl Acetate	79-20-9								
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62				
Methylcyclohexane	108-87-2								
Methylene Chloride	75-09-2	0.05	12	0.05	51				
n-Butylbenzene	104-51-8	12		12	100				

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Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-31	SHL-31	SHL-32
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SHL-31-(12-24)	SHL-31-(6-12)	SHL-32-(0-6)
				Groundwater ^{b,c,e}		Sample Date	01/18/2024	01/18/2024	01/18/2024
n-Propylbenzene	103-65-1	3.9		3.9	100				
o-Xylene	95-47-6								
sec-Butylbenzene	135-98-8	11		11	100				
Styrene	100-42-5		300						
tert-Butylbenzene	98-06-6	5.9		5.9	100				
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5				
Toluene	108-88-3	0.7	36	0.7	100				
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100				
trans-1,3-Dichloropropene	10061-02-6								
Trichloroethylene	79-01-6	0.47	2	0.47	10				
Trichlorofluoromethane	75-69-4								
Vinyl Chloride	75-01-4	0.02		0.02	0.21				
Xylenes	1330-20-7	0.26	0.26	1.6	100				

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SHL-32	SHL-32	SHL-33
							SHL-32-(12-24) 01/18/2024	SHL-32-(6-12) 01/18/2024	SHL-33-(0-6) 01/15/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.48 <i>U</i>	0.54 <i>U</i>	0.5 <i>UJ</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		0.011 <i>U</i>		0.012 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		0.0058 <i>U</i>		0.0059 <i>U</i>
Dichlorprop	120-36-5						0.009 <i>U</i>		0.0091 <i>U</i>
Picloram	1918-02-1						0.0078 <i>U</i>		0.0079 <i>U</i>
Silvex	93-72-1	3.8		3.8	58		0.0065 <i>U</i>		0.0066 <i>U</i>
Metals (mg/kg)									
Aluminum	7429-90-5		10000				4570 <i>J</i>	13400 <i>J</i>	10900
Antimony	7440-36-0		12				332 <i>J</i>	8.5 <i>J</i>	8.1 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		762 <i>J</i>	13.6 <i>J</i>	15.1
Barium	7440-39-3	350	433	820	350		2830	151	126
Beryllium	7440-41-7	7.2	10	47	14		0.17 <i>J</i>	0.65	0.48
Cadmium	7440-43-9	2.5	4	7.5	2.5		6.4	2.3	0.56
Calcium	7440-70-2		10000				3810 <i>J</i>	1960 <i>J</i>	3530
Chromium ⁹	7440-47-3	1	1	19	22		218 <i>J</i>	18.4 <i>J</i>	14.6
Cobalt	7440-48-4		20		30		4.1	12	7.9
Copper	7440-50-8	50	50	1720	270		20.3	22.2 <i>J</i>	20.2
Iron	7439-89-6				2000		6770	28600	21200
Lead	7439-92-1	63	63	450	400		9410	111 <i>J</i>	115
Magnesium	7439-95-4						856 <i>J</i>	3450 <i>J</i>	2740
Manganese	7439-96-5	1600	1600	2000	2000		81	549 <i>J</i>	472
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.95 <i>J</i>	0.098 <i>J</i>	0.098 <i>J</i>
Nickel	7440-02-0	30	30	130	140		114 <i>J</i>	27.6 <i>J</i>	19
Potassium	7440-09-7						628 <i>J</i>	1430 <i>J</i>	1420
Selenium	7782-49-2	3.9	3.9	4	36		0.45 <i>U</i>	0.53 <i>J</i>	0.99 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		7.5 <i>J</i>	0.71 <i>J</i>	0.24 <i>J</i>
Sodium	7440-23-5						841	53.5 <i>J</i>	42.5 <i>J</i>
Thallium	7440-28-0		5				0.34 <i>U</i>	0.33 <i>U</i>	0.33 <i>U</i>
Vanadium	7440-62-2		39		100		9.9	20.2 <i>J</i>	17.2
Zinc	7440-66-6	109	109	2480	2200		341 <i>J</i>	85.7 <i>J</i>	95.9
TCLP Metals (mg/L)									
Arsenic	7440-38-2						0.33		0.018
Barium	7440-39-3						26.5		0.83 <i>J</i>
Cadmium	7440-43-9						0.15		0.0044
Chromium	7440-47-3						0.03		0.01 <i>U</i>
Lead	7439-92-1						127		0.077
Mercury	7439-97-6						0.000043 <i>U</i>		0.000043 <i>UJ</i>
Selenium	7782-49-2						0.0087 <i>U</i>		0.0087 <i>U</i>
Silver	7440-22-4						0.0017 <i>U</i>		0.0017 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-32	SHL-32	SHL-33
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SHL-32-(12-24)	SHL-32-(6-12)	SHL-33-(0-6)
				Groundwater ^{b,c,e}		Sample Date	01/18/2024	01/18/2024	01/15/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00013 U		0.00013 UJ
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00011 U		0.00011 UJ
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000027 U		0.000028 UJ
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.0004 U		0.0004 UJ
3:3 perfluorohexanoic acid	356-02-5						0.00019 U		0.00019 UJ
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.000089 U		0.00009 UJ
4:2 fluorotelomer sulfonate	757124-72-4						0.000084 U		0.000085 UJ
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00053 U		0.00054 UJ
7:3 FTCA	812-70-4						0.00034 U		0.00034 UJ
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00013 U		0.00013 UJ
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.000056 U		0.000057 UJ
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.0001 U		0.0001 UJ
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00012 U		0.00012 UJ
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000034 UJ		0.000034 UJ
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000026 U		0.000027 UJ
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000026 U		0.000027 UJ
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000053 U		0.000053 UJ
Perfluoro-3-methoxypropanoic acid	377-73-1						0.0001 U		0.0001 UJ
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000044 U		0.000044 UJ
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000021 U		0.000021 UJ
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000015 U		0.000016 UJ
Perfluorobutanoic acid	375-22-4						0.000051 J		0.000041 UJ
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000022 U		0.000022 UJ
Perfluorodecanoic acid	335-76-2						0.000082 U		0.000083 UJ
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000019 U		0.000019 UJ
Perfluorododecanoic Acid	307-55-1						0.000061 U		0.000062 UJ
Perfluoroheptanesulfonic acid	375-92-8						0.000031 U		0.000031 UJ
Perfluoroheptanoic acid	375-85-9						0.000065 J		0.000026 J
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000022 U		0.000022 UJ
Perfluorohexanoic acid	307-24-4						0.000023 U		0.000023 UJ
Perfluorononanesulfonic acid	68259-12-1						0.000031 U		0.000031 UJ
Perfluorononanoic acid	375-95-1						0.000013 U		0.00005 J
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000013 U		0.000013 UJ
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		0.00013 J		0.00023 J
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		0.000091 J		0.000047 UJ
Perfluoropentanesulfonic acid	2706-91-4						0.000014 U		0.000014 UJ
Perfluoropentanoic Acid	2706-90-3						0.000043 J		0.000023 UJ
Perfluorotetradecanoic Acid	376-06-7						0.000019 U		0.000019 UJ
Perfluorotridecanoic Acid	72629-94-8						0.000031 U		0.000031 UJ
Perfluoroundecanoic Acid	2058-94-8						0.000031 U		0.000031 UJ

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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-32	SHL-32	SHL-33
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-32-(12-24) 01/18/2024	SHL-32-(6-12) 01/18/2024	SHL-33-(0-6) 01/15/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.00087 <i>J</i>		0.0071 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.0087 <i>J</i>		0.034 <i>J</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7		0.022 <i>J</i>		0.059
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.00045 <i>U</i>		0.009 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.009 <i>J</i>		0.0066 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.0015 <i>U</i>		0.0066 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.0009 <i>U</i>		0.018 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.00034 <i>U</i>		0.0068 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.029 <i>J</i>		0.0088 <i>U</i>
Endosulfan I	959-98-8	2.4		102	4.8		0.00035 <i>U</i>		0.007 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	4.8		0.00033 <i>U</i>		0.0066 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.00034 <i>U</i>		0.0068 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.00092 <i>J</i>		0.0072 <i>U</i>
Endrin aldehyde	7421-93-4						<i>R</i>		0.0093 <i>U</i>
Endrin ketone	53494-70-5						0.00045 <i>U</i>		0.009 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.00033 <i>U</i>		0.0067 <i>U</i>
gamma-Chlordane	5566-34-7			14	0.54		0.00058 <i>U</i>		0.012 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.0027 <i>J</i>		0.0079 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02	0.077		0.00047 <i>U</i>		0.0094 <i>U</i>
Methoxychlor	72-43-5		1.2	900	100		<i>R</i>		0.0075 <i>U</i>
Toxaphene	8001-35-2						0.011 <i>U</i>		0.21 <i>U</i>
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						589		44.1 <i>UJ</i>
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.25 <i>U</i>		0.052 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.25 <i>U</i>		0.052 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.25 <i>U</i>		0.052 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.25 <i>U</i>		0.052 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.25 <i>U</i>		0.052 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.6 <i>U</i>		0.12 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.6 <i>U</i>		0.12 <i>U</i>
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.037 <i>UJ</i>	0.38 <i>U</i>	0.37 <i>U</i>
Acenaphthene	83-32-9	20	20	98	100		0.027 <i>UJ</i>	0.28 <i>U</i>	0.27 <i>U</i>
Acenaphthylene	208-96-8	100		107	100		0.024 <i>UJ</i>	0.25 <i>U</i>	0.24 <i>U</i>
Anthracene	120-12-7	100		1000	100		0.046 <i>UJ</i>	0.48 <i>U</i>	0.46 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.018 <i>UJ</i>	0.19 <i>U</i>	0.85 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.03 <i>J</i>	0.28 <i>U</i>	0.94 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.087 <i>J</i>	0.31 <i>U</i>	1.1 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.02 <i>UJ</i>	0.2 <i>U</i>	0.59 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.024 <i>UJ</i>	0.25 <i>U</i>	0.4 <i>J</i>
Chrysene	218-01-9	1		1	1		0.041 <i>UJ</i>	0.43 <i>U</i>	1 <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.033 <i>UJ</i>	0.34 <i>U</i>	0.33 <i>U</i>
Fluoranthene	206-44-0	100		1000	100		0.051 <i>J</i>	0.23 <i>J</i>	1.7 <i>J</i>
Fluorene	86-73-7	30	30	386	100		0.022 <i>UJ</i>	0.23 <i>U</i>	0.22 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.023 <i>UJ</i>	0.24 <i>U</i>	0.57 <i>J</i>
Naphthalene	91-20-3	12		12	100		0.024 <i>UJ</i>	0.25 <i>U</i>	0.24 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-32	SHL-32	SHL-33
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-32-(12-24) 01/18/2024	SHL-32-(6-12) 01/18/2024	SHL-33-(0-6) 01/15/2024
Phenanthrene	85-01-8	100		1000	100		0.028 <i>J</i>	0.28 <i>U</i>	1 <i>J</i>
Pyrene	129-00-0	100		1000	100		0.033 <i>J</i>	0.23 <i>U</i>	1.4 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.027 <i>UJ</i>	0.28 <i>U</i>	0.27 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		0.06 <i>UJ</i>		0.6 <i>U</i>
2-Chloronaphthalene	91-58-7						0.03 <i>UJ</i>	0.32 <i>U</i>	0.31 <i>U</i>
2-Chlorophenol	95-57-8		0.8		100		0.034 <i>U</i>	0.35 <i>U</i>	0.34 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.022 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.027 <i>UJ</i>	0.28 <i>U</i>	0.27 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.052 <i>U</i>	0.54 <i>U</i>	0.52 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.037 <i>UJ</i>	0.38 <i>U</i>	0.37 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.02 <i>U</i>	0.2 <i>U</i>	0.2 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.045 <i>U</i>	0.46 <i>U</i>	0.45 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		0.85 <i>U</i>	8.9 <i>U</i>	8.6 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.05 <i>U</i>	0.52 <i>U</i>	0.5 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.037 <i>U</i>	0.38 <i>U</i>	0.37 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.038 <i>UJ</i>	0.4 <i>U</i>	0.38 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.022 <i>UJ</i>	0.23 <i>U</i>	0.22 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.051 <i>UJ</i>	0.53 <i>U</i>	0.51 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						0.22 <i>UJ</i>	2.3 <i>U</i>	2.2 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.026 <i>UJ</i>	0.27 <i>U</i>	0.26 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.046 <i>U</i>	0.48 <i>U</i>	0.46 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.046 <i>UJ</i>	0.48 <i>U</i>	0.46 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.023 <i>UJ</i>	0.24 <i>U</i>	0.23 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.022 <i>U</i>	0.23 <i>U</i>	0.22 <i>U</i>
4-Nitroaniline	100-01-6						0.097 <i>UJ</i>	1 <i>U</i>	0.97 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.13 <i>U</i>	1.3 <i>U</i>	1.3 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.18 <i>U</i>	1.9 <i>U</i>	1.9 <i>U</i>
Acetophenone	98-86-2						0.025 <i>UJ</i>	0.26 <i>U</i>	0.25 <i>U</i>
Atrazine	1912-24-9						0.064 <i>UJ</i>	0.67 <i>U</i>	0.64 <i>U</i>
Benzaldehyde	100-52-7						0.15 <i>UJ</i>	1.5 <i>U</i>	1.5 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.024 <i>UJ</i>	0.25 <i>U</i>	0.24 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.039 <i>UJ</i>	0.41 <i>U</i>	0.39 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.063 <i>UJ</i>	0.66 <i>U</i>	0.63 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		0.03 <i>UJ</i>	0.32 <i>U</i>	0.31 <i>U</i>
Carbazole	86-74-8						0.022 <i>UJ</i>	0.23 <i>U</i>	0.22 <i>U</i>
Caprolactam	105-60-2						0.055 <i>UJ</i>	0.58 <i>U</i>	0.56 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.031 <i>UJ</i>	0.33 <i>U</i>	0.32 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		0.022 <i>UJ</i>	0.23 <i>U</i>	0.22 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		0.022 <i>UJ</i>	0.23 <i>U</i>	0.22 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.024 <i>UJ</i>	0.25 <i>U</i>	0.24 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		0.022 <i>UJ</i>	0.23 <i>U</i>	0.22 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.025 <i>UJ</i>	0.26 <i>U</i>	0.25 <i>U</i>
Hexachlorobutadiene	87-68-3						0.027 <i>UJ</i>	0.28 <i>U</i>	0.27 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.025 <i>UJ</i>	0.26 <i>U</i>	0.25 <i>U</i>
Hexachloroethane	67-72-1						0.024 <i>UJ</i>	0.25 <i>U</i>	0.24 <i>U</i>
Isophorone	78-59-1			4.4	100		0.039 <i>UJ</i>	0.41 <i>U</i>	0.39 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.031 <i>UJ</i>	0.33 <i>U</i>	0.32 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.15 <i>UJ</i>	1.6 <i>U</i>	1.5 <i>U</i>

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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-32	SHL-32	SHL-33
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-32-(12-24) 01/18/2024	SHL-32-(6-12) 01/18/2024	SHL-33-(0-6) 01/15/2024
Nitrobenzene	98-95-3		40	0.17	3.7		0.021 <i>UJ</i>	0.21 <i>U</i>	0.21 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.0059 <i>U</i>	1.9 <i>U</i>	0.006 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.028 <i>U</i>	0.29 <i>U</i>	0.28 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19		0.00058 <i>U</i>		<i>R</i>
1,1-Dichloroethene	75-35-4	0.33		0.33	100		0.00058 <i>U</i>		<i>R</i>
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100		0.00034 <i>U</i>		<i>R</i>
1,1,1,2-Tetrachloroethane	630-20-6						0.00047 <i>U</i>		<i>R</i>
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100		0.0011 <i>U</i>		<i>R</i>
1,1,2-Trichloroethane	79-00-5						0.00061 <i>UJ</i>		<i>R</i>
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35		0.00076 <i>UJ</i>		<i>R</i>
1,2-Dibromo-3-chloropropane	96-12-8						0.0024 <i>UJ</i>		<i>R</i>
1,2-Dibromoethane	106-93-4						0.00061 <i>UJ</i>		<i>R</i>
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100		0.00037 <i>UJ</i>		<i>R</i>
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3		0.00024 <i>U</i>		<i>R</i>
1,2-Dichloropropane	78-87-5		700				0.0024 <i>U</i>		<i>R</i>
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00029 <i>UJ</i>		<i>R</i>
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47		0.00091 <i>U</i>		<i>R</i>
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17		0.00024 <i>U</i>		<i>R</i>
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47		0.0003 <i>U</i>		<i>R</i>
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8		0.00066 <i>UJ</i>		<i>R</i>
2-Butanone	78-93-3	0.12	100	0.3	100		0.0017 <i>UJ</i>		<i>R</i>
2-Hexanone	591-78-6			7			0.0024 <i>UJ</i>		<i>R</i>
4-Methyl-2-pentanone	108-10-1			1			0.0015 <i>UJ</i>		<i>R</i>
Acetone	67-64-1	0.05	2.2	0.05	100		0.004 <i>UJ</i>		<i>R</i>
Benzene	71-43-2	0.06	70	0.06	2.9		0.00023 <i>U</i>		<i>R</i>
Bromodichloromethane	75-27-4						0.00063 <i>U</i>		<i>R</i>
Bromoform	75-25-2						0.0024 <i>U</i>		<i>R</i>
Bromomethane	74-83-9						0.00042 <i>U</i>		<i>R</i>
Carbon disulfide	75-15-0			2.7	100		0.0024 <i>U</i>		<i>R</i>
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4		0.00046 <i>U</i>		<i>R</i>
Chlorobenzene	108-90-7	1.1	40	1.1	100		0.00062 <i>U</i>		<i>R</i>
Chloroethane	75-00-3			1.9			0.0011 <i>U</i>		<i>R</i>
Chloroform	67-66-3	0.37	12	0.37	10		0.00029 <i>U</i>		<i>R</i>
Chloromethane	74-87-3						0.00028 <i>U</i>		<i>R</i>
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59		0.0006 <i>U</i>		<i>R</i>
cis-1,3-Dichloropropene	10061-01-5						0.00068 <i>UJ</i>		<i>R</i>
Cyclohexane	110-82-7						0.00066 <i>U</i>		<i>R</i>
Dibromochloromethane	124-48-1		10				0.0006 <i>U</i>		<i>R</i>
Dichlorodifluoromethane	75-71-8						0.00039 <i>U</i>		<i>R</i>
Ethylbenzene	100-41-4	1		1	30		0.00033 <i>U</i>		<i>R</i>
Isopropylbenzene	98-82-8			2.3	100		0.00071 <i>U</i>		<i>R</i>
m,p-Xylene	179601-23-1						0.00079 <i>U</i>		<i>R</i>
Methyl Acetate	79-20-9						0.0028 <i>U</i>		<i>R</i>
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62		0.00046 <i>U</i>		<i>R</i>
Methylcyclohexane	108-87-2						0.00072 <i>U</i>		<i>R</i>
Methylene Chloride	75-09-2	0.05	12	0.05	51		0.0022 <i>U</i>		<i>R</i>
n-Butylbenzene	104-51-8	12		12	100		0.00041 <i>UJ</i>		<i>R</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-32	SHL-32	SHL-33
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SHL-32-(12-24)	SHL-32-(6-12)	SHL-33-(0-6)
				Groundwater ^{b,c,e}		Sample Date	01/18/2024	01/18/2024	01/15/2024
n-Propylbenzene	103-65-1	3.9		3.9	100		0.00038 <i>U</i>		<i>R</i>
o-Xylene	95-47-6						0.00062 <i>U</i>		<i>R</i>
sec-Butylbenzene	135-98-8	11		11	100		0.00041 <i>U</i>		<i>R</i>
Styrene	100-42-5		300				0.00024 <i>UJ</i>		<i>R</i>
tert-Butylbenzene	98-06-6	5.9		5.9	100		0.00049 <i>U</i>		<i>R</i>
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5		0.00063 <i>U</i>		<i>R</i>
Toluene	108-88-3	0.7	36	0.7	100		0.00036 <i>U</i>		<i>R</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100		0.00049 <i>U</i>		<i>R</i>
trans-1,3-Dichloropropene	10061-02-6						0.0021 <i>U</i>		<i>R</i>
Trichloroethylene	79-01-6	0.47	2	0.47	10		0.001 <i>U</i>		<i>R</i>
Trichlorofluoromethane	75-69-4						0.00045 <i>U</i>		<i>R</i>
Vinyl Chloride	75-01-4	0.02		0.02	0.21		0.00058 <i>U</i>		<i>R</i>
Xylenes	1330-20-7	0.26	0.26	1.6	100		0.00079 <i>U</i>		<i>R</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SHL-33	SHL-33	SHL-34
							SHL-33-(12-24) 01/15/2024	SHL-33-(6-12) 01/15/2024	FDUP2_011124 01/11/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.49 <i>UJ</i>	0.51 <i>UJ</i>	0.52 <i>UJ</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100				0.012 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100				0.0062 <i>U</i>
Dichlorprop	120-36-5								0.0097 <i>U</i>
Picloram	1918-02-1								0.0084 <i>U</i>
Silvex	93-72-1	3.8		3.8	58				0.007 <i>U</i>
Metals (mg/kg)									
Aluminum	7429-90-5		10000				7580	5860	10100 <i>J</i>
Antimony	7440-36-0		12				3.2 <i>J</i>	76	7.5 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		7.2	201	19.3 <i>J</i>
Barium	7440-39-3	350	433	820	350		110	669	150
Beryllium	7440-41-7	7.2	10	47	14		0.4	0.2 <i>J</i>	0.49
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.21 <i>J</i>	13.2	1.6
Calcium	7440-70-2		10000				70600	4980	9380 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		10.2	79.8	17.3
Cobalt	7440-48-4		20		30		6	5.2	9.1
Copper	7440-50-8	50	50	1720	270		16.8	81.5	29.6
Iron	7439-89-6				2000		12100	7420	18900 <i>J</i>
Lead	7439-92-1	63	63	450	400		72.7	8420	263 <i>J</i>
Magnesium	7439-95-4						2750	1210	3510
Manganese	7439-96-5	1600	1600	2000	2000		371	142	299 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.068 <i>J</i>	0.094 <i>J</i>	0.089 <i>J</i>
Nickel	7440-02-0	30	30	130	140		15.2	9.9	24.3
Potassium	7440-09-7						1200	804	1390
Selenium	7782-49-2	3.9	3.9	4	36		0.7 <i>J</i>	0.89 <i>J</i>	0.78 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.22 <i>U</i>	13.3	2.9
Sodium	7440-23-5						119 <i>J</i>	1680	374
Thallium	7440-28-0		5				0.33 <i>U</i>	0.36 <i>U</i>	0.36 <i>U</i>
Vanadium	7440-62-2		39		100		20.5	8.1	20.5
Zinc	7440-66-6	109	109	2480	2200		65.2	628	102 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2								0.0057 <i>J</i>
Barium	7440-39-3								1.8 <i>J</i>
Cadmium	7440-43-9								0.025 <i>J</i>
Chromium	7440-47-3								0.01 <i>U</i>
Lead	7439-92-1								0.15
Mercury	7439-97-6								0.000043 <i>U</i>
Selenium	7782-49-2								0.0087 <i>U</i>
Silver	7440-22-4								0.0017 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-33	SHL-33	SHL-34
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SHL-33-(12-24)	SHL-33-(6-12)	FDUP2_011124
				Groundwater ^{b,c,e}		Sample Date	01/15/2024	01/15/2024	01/11/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9								0.00014 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7								0.00012 U
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9								0.00003 U
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3								0.00043 U
3:3 perfluorohexanoic acid	356-02-5								0.00021 U
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4								0.000096 U
4:2 fluorotelomer sulfonate	757124-72-4								0.000091 U
6:2 Fluorotelomer sulfonic acid	27619-97-2								0.00057 U
7:3 FTCA	812-70-4								0.00036 U
8:2 Fluorotelomer sulfonic acid	39108-34-4								0.00014 U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1								0.00006 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6								0.00011 U
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2								0.00013 U
N-ethylperfluoro-1-octanesulfonamide	4151-50-2								0.000037 U
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6								0.000028 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8								0.000028 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6								0.000057 U
Perfluoro-3-methoxypropanoic acid	377-73-1								0.00011 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7								0.000047 U
Perfluoro(4-methoxybutanoic) acid	863090-89-5								0.000023 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5								0.000017 U
Perfluorobutanoic acid	375-22-4								0.000076 J
Perfluorodecanesulfonic acid (PFDS)	335-77-3								0.000024 U
Perfluorodecanoic acid	335-76-2								0.000089 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5								0.00002 U
Perfluorododecanoic Acid	307-55-1								0.000066 U
Perfluoroheptanesulfonic acid	375-92-8								0.000033 U
Perfluoroheptanoic acid	375-85-9								0.00006 J
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4								0.000024 U
Perfluorohexanoic acid	307-24-4								0.000025 U
Perfluorononanesulfonic acid	68259-12-1								0.000033 U
Perfluorononanoic acid	375-95-1								0.000016 J
Perfluorooctanesulfonamide (PFOSA)	754-91-6								0.000014 U
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088				0.00019 J
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066				0.00011 J
Perfluoropentanesulfonic acid	2706-91-4								0.000015 U
Perfluoropentanoic Acid	2706-90-3								0.000089 J
Perfluorotetradecanoic Acid	376-06-7								0.00002 U
Perfluorotridecanoic Acid	72629-94-8								0.000033 U
Perfluoroundecanoic Acid	2058-94-8								0.000033 U

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-33	SHL-33	SHL-34
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-33-(12-24) 01/15/2024	SHL-33-(6-12) 01/15/2024	FDUP2_011124 01/11/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6				0.0076 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8				0.0082 <i>U</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7				0.013 <i>J</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.019				0.0096 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097				0.007 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	0.072				0.007 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91				0.019 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	100				0.0073 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	0.039				0.0094 <i>U</i>
Endosulfan I	959-98-8	2.4		102	4.8				0.0075 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	4.8				0.007 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	4.8				0.0073 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	2.2				0.0077 <i>U</i>
Endrin aldehyde	7421-93-4								0.01 <i>U</i>
Endrin ketone	53494-70-5								0.0096 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28				0.0072 <i>U</i>
gamma-Chlordane	5566-34-7			14	0.54				0.012 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	0.42				0.0085 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02	0.077				0.01 <i>U</i>
Methoxychlor	72-43-5		1.2	900	100				0.008 <i>U</i>
Toxaphene	8001-35-2								0.23 <i>U</i>
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM								47.4 <i>U</i>
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1				0.041 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1				0.041 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1				0.041 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1				0.041 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1				0.041 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1				0.098 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1				0.098 <i>U</i>
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.38 <i>U</i>	0.4 <i>U</i>	0.4 <i>U</i>
Acenaphthene	83-32-9	20	20	98	100		0.28 <i>U</i>	0.39 <i>J</i>	0.29 <i>U</i>
Acenaphthylene	208-96-8	100		107	100		0.4 <i>J</i>	2.8	0.27 <i>J</i>
Anthracene	120-12-7	100		1000	100		0.47 <i>U</i>	2	0.49 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.79 <i>J</i>	5.3	0.2 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		1.2 <i>J</i>	6.7	0.35 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		1.4 <i>J</i>	7.1	0.41 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.65 <i>J</i>	3	0.29 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.6 <i>J</i>	3.9	0.26 <i>U</i>
Chrysene	218-01-9	1		1	1		0.83 <i>J</i>	5.4	0.45 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.33 <i>U</i>	0.35 <i>U</i>	0.35 <i>U</i>
Fluoranthene	206-44-0	100		1000	100		1.8 <i>J</i>	13	0.28 <i>J</i>
Fluorene	86-73-7	30	30	386	100		0.22 <i>U</i>	0.68 <i>J</i>	0.23 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.6 <i>J</i>	3	0.25 <i>U</i>
Naphthalene	91-20-3	12		12	100		0.24 <i>U</i>	0.26 <i>U</i>	0.26 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-33	SHL-33	SHL-34
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-33-(12-24) 01/15/2024	SHL-33-(6-12) 01/15/2024	FDUP2_011124 01/11/2024
Phenanthrene	85-01-8	100		1000	100		0.72 J	6.2	0.29 U
Pyrene	129-00-0	100		1000	100		1.1 J	7.7	0.39 J
1,1'-Biphenyl	92-52-4		60				0.28 U	0.29 U	0.29 U
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8				0.65 U
2-Chloronaphthalene	91-58-7						0.31 U	0.33 U	0.33 U
2-Chlorophenol	95-57-8		0.8		100		0.34 U	0.36 U	0.36 U
2-Methylphenol	95-48-7	0.33		0.33	100		0.22 U	0.23 U	0.23 U
2-Nitroaniline	88-74-4			0.4			0.28 U	0.29 U	0.29 U
2-Nitrophenol	88-75-5		7	0.3			0.53 U	0.56 U	0.56 U
2,2'-oxybis(1-Chloropropane)	108-60-1						0.38 U	0.4 U	0.4 U
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.2 U	0.21 U	0.21 U
2,4-Dimethylphenol	105-67-9						0.46 U	0.48 U	0.48 U
2,4-Dinitrophenol	51-28-5		20	0.2	100		8.7 U	9.1 U	9.2 U
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.51 U	0.53 U	0.54 U
2,4,6-Trichlorophenol	88-06-2		10				0.38 U	0.4 U	0.4 U
2,4-Dinitrotoluene	121-14-2						0.39 U	0.41 U	0.41 U
2,6-Dinitrotoluene	606-20-2			1	1.03		0.22 U	0.23 U	0.23 U
3-Nitroaniline	99-09-2			0.5			0.52 U	0.55 U	0.55 U
3,3'-Dichlorobenzidine	91-94-1						2.2 U	2.3 U	2.3 U
4-Bromophenyl-phenylether	101-55-3						0.27 U	0.28 U	0.28 U
4-Chloro-3-methylphenol	59-50-7						0.47 U	0.49 U	0.49 U
4-Chloroaniline	106-47-8			0.22	100		0.47 U	0.49 U	0.49 U
4-Chlorophenyl-phenyl ether	7005-72-3						0.23 U	0.24 U	0.25 U
4-Methylphenol	106-44-5	0.33		0.33	34		0.22 UJ	0.23 UJ	0.23 U
4-Nitroaniline	100-01-6						0.99 U	1 U	1 U
4-Nitrophenol	100-02-7		7	0.1			1.3 U	1.4 U	1.4 U
4,6-Dinitro-O-cresol	534-52-1						1.9 U	2 U	2 U
Acetophenone	98-86-2						0.26 U	0.27 U	0.27 U
Atrazine	1912-24-9						0.65 U	0.69 U	0.69 U
Benzaldehyde	100-52-7						1.5 U	1.6 U	1.6 U
Bis(2-chloroethyl)ether	111-44-4						0.24 U	0.26 U	0.26 U
bis(2-Chloroethoxy)methane	111-91-1						0.4 U	0.42 U	0.42 U
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.64 UJ	0.67 UJ	0.68 U
Butyl benzyl phthalate	85-68-7			122	100		0.31 UJ	0.33 UJ	0.33 U
Carbazole	86-74-8						0.22 U	0.36 J	0.23 U
Caprolactam	105-60-2						0.57 U	0.59 U	0.6 U
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.32 U	0.34 U	0.34 U
Di-n-octylphthalate	117-84-0			120	100		0.22 UJ	0.23 UJ	0.23 U
Dibenzofuran	132-64-9	7		6.2	14		0.22 U	0.25 J	0.23 U
Diethyl phthalate	84-66-2		100	7.1	100		0.24 U	0.26 U	0.26 U
Dimethyl phthalate	131-11-3		200	27	100		0.22 U	0.23 U	0.23 U
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.26 U	0.27 U	0.27 U
Hexachlorobutadiene	87-68-3						0.28 U	0.29 U	0.29 U
Hexachlorocyclopentadiene	77-47-4		10				0.26 U	0.27 U	0.27 U
Hexachloroethane	67-72-1						0.24 U	0.26 U	0.26 U
Isophorone	78-59-1			4.4	100		0.4 U	0.42 U	0.42 U
N-Nitrosodi-n-propylamine	621-64-7						0.32 U	0.34 U	0.34 U
N-Nitrosodiphenylamine	86-30-6		20				1.5 U	1.6 U	1.6 U

Table 2-3. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-33	SHL-33	SHL-34
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-33-(12-24) 01/15/2024	SHL-33-(6-12) 01/15/2024	FDUP2_011124 01/11/2024
Nitrobenzene	98-95-3		40	0.17	3.7		0.21 <i>U</i>	0.22 <i>U</i>	0.22 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		1.9 <i>U</i>	2 <i>U</i>	0.0063 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.29 <i>U</i>	0.3 <i>U</i>	0.31 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19				
1,1-Dichloroethene	75-35-4	0.33		0.33	100				
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100				
1,1,1,2-Tetrachloroethane	630-20-6								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100				
1,1,2-Trichloroethane	79-00-5								
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35				
1,2-Dibromo-3-chloropropane	96-12-8								
1,2-Dibromoethane	106-93-4								
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100				
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3				
1,2-Dichloropropane	78-87-5		700						
1,2,4-Trichlorobenzene	120-82-1		20	3.4					
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47				
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17				
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47				
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8				
2-Butanone	78-93-3	0.12	100	0.3	100				
2-Hexanone	591-78-6			7					
4-Methyl-2-pentanone	108-10-1			1					
Acetone	67-64-1	0.05	2.2	0.05	100				
Benzene	71-43-2	0.06	70	0.06	2.9				
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon disulfide	75-15-0			2.7	100				
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4				
Chlorobenzene	108-90-7	1.1	40	1.1	100				
Chloroethane	75-00-3			1.9					
Chloroform	67-66-3	0.37	12	0.37	10				
Chloromethane	74-87-3								
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59				
cis-1,3-Dichloropropene	10061-01-5								
Cyclohexane	110-82-7								
Dibromochloromethane	124-48-1		10						
Dichlorodifluoromethane	75-71-8								
Ethylbenzene	100-41-4	1		1	30				
Isopropylbenzene	98-82-8			2.3	100				
m,p-Xylene	179601-23-1								
Methyl Acetate	79-20-9								
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62				
Methylcyclohexane	108-87-2								
Methylene Chloride	75-09-2	0.05	12	0.05	51				
n-Butylbenzene	104-51-8	12		12	100				

Table 2-3. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-33	SHL-33	SHL-34
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SHL-33-(12-24)	SHL-33-(6-12)	FDUP2_011124
				Groundwater ^{b,c,e}		Sample Date	01/15/2024	01/15/2024	01/11/2024
n-Propylbenzene	103-65-1	3.9		3.9	100				
o-Xylene	95-47-6								
sec-Butylbenzene	135-98-8	11		11	100				
Styrene	100-42-5		300						
tert-Butylbenzene	98-06-6	5.9		5.9	100				
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5				
Toluene	108-88-3	0.7	36	0.7	100				
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100				
trans-1,3-Dichloropropene	10061-02-6								
Trichloroethylene	79-01-6	0.47	2	0.47	10				
Trichlorofluoromethane	75-69-4								
Vinyl Chloride	75-01-4	0.02		0.02	0.21				
Xylenes	1330-20-7	0.26	0.26	1.6	100				

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-34	SHL-34	SHL-34
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-34-(0-6)	SHL-34-(12-24)	SHL-34-(6-12)
						Sample Date	01/11/2024	01/11/2024	01/11/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.64 <i>UJ</i>	0.48 <i>UJ</i>	0.51 <i>UJ</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100				0.012 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100				0.006 <i>U</i>
Dichlorprop	120-36-5								0.0094 <i>U</i>
Picloram	1918-02-1								0.0081 <i>U</i>
Silvex	93-72-1	3.8		3.8	58				0.0068 <i>U</i>
Metals (mg/kg)									
Aluminum	7429-90-5		10000				9590 <i>J</i>	6150 <i>J</i>	10400 <i>J</i>
Antimony	7440-36-0		12				6.6 <i>J</i>	46	7.8 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		11 <i>J</i>	94.7 <i>J</i>	36.9 <i>J</i>
Barium	7440-39-3	350	433	820	350		106	525	178
Beryllium	7440-41-7	7.2	10	47	14		0.5	0.24	0.45
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.93	19.8	2.7
Calcium	7440-70-2		10000				18400 <i>J</i>	17800 <i>J</i>	9160 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		13.5	17.2	17.1
Cobalt	7440-48-4		20		30		9.4	4.1	8.9
Copper	7440-50-8	50	50	1720	270		30	17.8	27.8
Iron	7439-89-6				2000		19300 <i>J</i>	7400 <i>J</i>	17600 <i>J</i>
Lead	7439-92-1	63	63	450	400		160 <i>J</i>	1770 <i>J</i>	576 <i>J</i>
Magnesium	7439-95-4						12100	1680	3250
Manganese	7439-96-5	1600	1600	2000	2000		410 <i>J</i>	161 <i>J</i>	283 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.11 <i>J</i>	0.12 <i>J</i>	0.24 <i>J</i>
Nickel	7440-02-0	30	30	130	140		20.2	11.7	22.6
Potassium	7440-09-7						1290	1110	1400
Selenium	7782-49-2	3.9	3.9	4	36		0.65 <i>J</i>	0.45 <i>U</i>	0.65 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.29 <i>U</i>	30.8	15.4
Sodium	7440-23-5						67.4 <i>J</i>	3110	1600
Thallium	7440-28-0		5				0.44 <i>U</i>	0.34 <i>U</i>	0.37 <i>J</i>
Vanadium	7440-62-2		39		100		16.5	8.3	20
Zinc	7440-66-6	109	109	2480	2200		189 <i>J</i>	192 <i>J</i>	116 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2								0.0057 <i>J</i>
Barium	7440-39-3								1.9 <i>J</i>
Cadmium	7440-43-9								0.023 <i>J</i>
Chromium	7440-47-3								0.01 <i>U</i>
Lead	7439-92-1								0.07
Mercury	7439-97-6								0.000043 <i>U</i>
Selenium	7782-49-2								0.0087 <i>U</i>
Silver	7440-22-4								0.0017 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-34	SHL-34	SHL-34
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-34-(0-6)	SHL-34-(12-24)	SHL-34-(6-12)
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9								0.00013 <i>U</i>
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7								0.00011 <i>J</i>
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9								0.000027 <i>U</i>
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3								0.0004 <i>U</i>
3:3 perfluorohexanoic acid	356-02-5								0.00019 <i>U</i>
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4								0.000089 <i>U</i>
4:2 fluorotelomer sulfonate	757124-72-4								0.000084 <i>U</i>
6:2 Fluorotelomer sulfonic acid	27619-97-2								0.00053 <i>U</i>
7:3 FTCA	812-70-4								0.00034 <i>U</i>
8:2 Fluorotelomer sulfonic acid	39108-34-4								0.00013 <i>U</i>
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1								0.000056 <i>U</i>
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6								0.0001 <i>U</i>
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2								0.00012 <i>U</i>
N-ethylperfluoro-1-octanesulfonamide	4151-50-2								0.000034 <i>U</i>
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6								0.000026 <i>U</i>
N-methylperfluoro-1-octanesulfonamide	31506-32-8								0.000026 <i>U</i>
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6								0.000053 <i>U</i>
Perfluoro-3-methoxypropanoic acid	377-73-1								0.0001 <i>U</i>
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7								0.000044 <i>U</i>
Perfluoro(4-methoxybutanoic) acid	863090-89-5								0.000021 <i>U</i>
Perfluorobutanesulfonic acid (PFBS)	375-73-5								0.000015 <i>U</i>
Perfluorobutanoic acid	375-22-4								0.000086 <i>J</i>
Perfluorodecanesulfonic acid (PFDS)	335-77-3								0.000022 <i>U</i>
Perfluorodecanoic acid	335-76-2								0.000082 <i>U</i>
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5								0.000019 <i>U</i>
Perfluorododecanoic Acid	307-55-1								0.000061 <i>U</i>
Perfluoroheptanesulfonic acid	375-92-8								0.000031 <i>U</i>
Perfluoroheptanoic acid	375-85-9								0.000059 <i>J</i>
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4								0.000022 <i>U</i>
Perfluorohexanoic acid	307-24-4								0.000023 <i>U</i>
Perfluorononanesulfonic acid	68259-12-1								0.000031 <i>U</i>
Perfluorononanoic acid	375-95-1								0.000013 <i>U</i>
Perfluorooctanesulfonamide (PFOSA)	754-91-6								0.000013 <i>U</i>
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088				0.00022
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066				0.000099 <i>J</i>
Perfluoropentanesulfonic acid	2706-91-4								0.000014 <i>U</i>
Perfluoropentanoic Acid	2706-90-3								0.000089 <i>J</i>
Perfluorotetradecanoic Acid	376-06-7								0.000019 <i>UJ</i>
Perfluorotridecanoic Acid	72629-94-8								0.000031 <i>UJ</i>
Perfluoroundecanoic Acid	2058-94-8								0.000031 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-34	SHL-34	SHL-34
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-34-(0-6)	SHL-34-(12-24)	SHL-34-(6-12)
Sample Date									
01/11/2024									
01/11/2024									
01/11/2024									
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6				0.0075 U
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8				0.0081 U
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7				0.009 U
Aldrin	309-00-2	0.005	0.14	0.19	0.019				0.0094 U
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097				0.0069 U
beta-BHC	319-85-7	0.036	0.6	0.09	0.072				0.0069 U
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91				0.019 U
delta-BHC	319-86-8	0.04	0.04	0.25	100				0.0071 U
Dieldrin	60-57-1	0.005	0.006	0.1	0.039				0.0092 U
Endosulfan I	959-98-8	2.4		102	4.8				0.0074 U
Endosulfan II	33213-65-9	2.4		102	4.8				0.0069 U
Endosulfan sulfate	1031-07-8	2.4		1000	4.8				0.0072 U
Endrin	72-20-8	0.014	0.014	0.06	2.2				0.0076 U
Endrin aldehyde	7421-93-4								0.0098 U
Endrin ketone	53494-70-5								0.0094 U
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28				0.007 U
gamma-Chlordane	5566-34-7			14	0.54				0.012 U
Heptachlor	76-44-8	0.042	0.14	0.38	0.42				0.0083 U
Heptachlor epoxide	1024-57-3			0.02	0.077				0.0099 U
Methoxychlor	72-43-5		1.2	900	100				0.0078 U
Toxaphene	8001-35-2								0.22 U
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM								46.5 U
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1				0.042 U
Aroclor 1221	11104-28-2	0.1	1	3.2	1				0.042 U
Aroclor 1232	11141-16-5	0.1	1	3.2	1				0.042 U
Aroclor 1242	53469-21-9	0.1	1	3.2	1				0.042 U
Aroclor 1248	12672-29-6	0.1	1	3.2	1				0.042 U
Aroclor 1254	11097-69-1	0.1	1	3.2	1				0.1 U
Aroclor 1260	11096-82-5	0.1	1	3.2	1				0.1 U
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.49 U	0.19 U	0.39 U
Acenaphthene	83-32-9	20	20	98	100		0.36 U	0.14 U	0.29 U
Acenaphthylene	208-96-8	100		107	100		0.32 U	0.12 U	0.25 U
Anthracene	120-12-7	100		1000	100		0.61 U	0.23 U	0.49 U
Benzo[a]anthracene	56-55-3	1		1	1		0.25 U	0.093 U	0.2 U
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.36 U	0.27 J	0.29 U
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.39 U	0.19 J	0.35 J
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.26 U	0.23 J	0.22 J
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.32 U	0.17 J	0.25 U
Chrysene	218-01-9	1		1	1		0.55 U	0.21 U	0.44 U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.43 U	0.16 U	0.35 U
Fluoranthene	206-44-0	100		1000	100		0.27 J	0.14 J	0.25 J
Fluorene	86-73-7	30	30	386	100		0.29 U	0.11 U	0.23 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.3 U	0.22 J	0.24 U
Naphthalene	91-20-3	12		12	100		0.32 U	0.12 U	0.25 U

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-34	SHL-34	SHL-34
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-34-(0-6) 01/11/2024	SHL-34-(12-24) 01/11/2024	SHL-34-(6-12) 01/11/2024
Phenanthrene	85-01-8	100		1000	100		0.36 <i>U</i>	0.14 <i>U</i>	0.29 <i>U</i>
Pyrene	129-00-0	100		1000	100		0.38 <i>J</i>	0.17 <i>J</i>	0.24 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.36 <i>U</i>	0.14 <i>U</i>	0.29 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8				0.64 <i>U</i>
2-Chloronaphthalene	91-58-7						0.4 <i>U</i>	0.15 <i>U</i>	0.32 <i>U</i>
2-Chlorophenol	95-57-8		0.8		100		0.45 <i>U</i>	0.17 <i>U</i>	0.36 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.29 <i>U</i>	0.11 <i>U</i>	0.23 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.36 <i>U</i>	0.14 <i>U</i>	0.29 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.69 <i>U</i>	0.26 <i>U</i>	0.56 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.49 <i>U</i>	0.19 <i>U</i>	0.39 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.26 <i>U</i>	0.099 <i>U</i>	0.21 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.59 <i>U</i>	0.23 <i>U</i>	0.47 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		11 <i>U</i>	4.3 <i>U</i>	9.1 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.66 <i>U</i>	0.25 <i>U</i>	0.53 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.49 <i>U</i>	0.19 <i>U</i>	0.39 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.51 <i>U</i>	0.19 <i>U</i>	0.41 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.29 <i>U</i>	0.11 <i>U</i>	0.23 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.68 <i>U</i>	0.26 <i>U</i>	0.54 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						2.9 <i>U</i>	1.1 <i>U</i>	2.3 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.35 <i>U</i>	0.13 <i>U</i>	0.28 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.61 <i>U</i>	0.23 <i>U</i>	0.49 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.61 <i>U</i>	0.23 <i>U</i>	0.49 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.3 <i>U</i>	0.12 <i>U</i>	0.24 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.29 <i>U</i>	0.11 <i>U</i>	0.23 <i>U</i>
4-Nitroaniline	100-01-6						1.3 <i>U</i>	0.49 <i>U</i>	1 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			1.7 <i>U</i>	0.65 <i>U</i>	1.4 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2.5 <i>U</i>	0.93 <i>U</i>	2 <i>U</i>
Acetophenone	98-86-2						0.33 <i>U</i>	0.13 <i>U</i>	0.27 <i>U</i>
Atrazine	1912-24-9						0.85 <i>U</i>	0.32 <i>U</i>	0.68 <i>U</i>
Benzaldehyde	100-52-7						2 <i>U</i>	0.74 <i>U</i>	1.6 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.32 <i>U</i>	0.12 <i>U</i>	0.25 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.52 <i>U</i>	0.2 <i>U</i>	0.42 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.84 <i>U</i>	0.32 <i>U</i>	0.67 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		0.4 <i>U</i>	0.15 <i>U</i>	0.32 <i>U</i>
Carbazole	86-74-8						0.29 <i>U</i>	0.11 <i>U</i>	0.23 <i>U</i>
Caprolactam	105-60-2						0.74 <i>U</i>	0.28 <i>U</i>	0.59 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.42 <i>U</i>	0.16 <i>U</i>	0.34 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		0.29 <i>U</i>	0.11 <i>U</i>	0.23 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		0.29 <i>U</i>	0.11 <i>U</i>	0.23 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.32 <i>U</i>	0.12 <i>U</i>	0.25 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		0.29 <i>U</i>	0.11 <i>U</i>	0.23 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.33 <i>U</i>	0.13 <i>U</i>	0.27 <i>U</i>
Hexachlorobutadiene	87-68-3						0.36 <i>U</i>	0.14 <i>U</i>	0.29 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.33 <i>U</i>	0.13 <i>U</i>	0.27 <i>U</i>
Hexachloroethane	67-72-1						0.32 <i>U</i>	0.12 <i>U</i>	0.25 <i>U</i>
Isophorone	78-59-1			4.4	100		0.52 <i>U</i>	0.2 <i>U</i>	0.42 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.42 <i>U</i>	0.16 <i>U</i>	0.34 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				2 <i>U</i>	0.76 <i>U</i>	1.6 <i>U</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-34	SHL-34	SHL-34
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-34-(0-6) 01/11/2024	SHL-34-(12-24) 01/11/2024	SHL-34-(6-12) 01/11/2024
Nitrobenzene	98-95-3		40	0.17	3.7		0.27 <i>U</i>	0.1 <i>U</i>	0.22 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		2.5 <i>U</i>	0.93 <i>U</i>	0.0062 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.38 <i>U</i>	0.14 <i>U</i>	0.3 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19				
1,1-Dichloroethene	75-35-4	0.33		0.33	100				
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100				
1,1,1,2-Tetrachloroethane	630-20-6								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100				
1,1,2-Trichloroethane	79-00-5								
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35				
1,2-Dibromo-3-chloropropane	96-12-8								
1,2-Dibromoethane	106-93-4								
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100				
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3				
1,2-Dichloropropane	78-87-5		700						
1,2,4-Trichlorobenzene	120-82-1		20	3.4					
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47				
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17				
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47				
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8				
2-Butanone	78-93-3	0.12	100	0.3	100				
2-Hexanone	591-78-6			7					
4-Methyl-2-pentanone	108-10-1			1					
Acetone	67-64-1	0.05	2.2	0.05	100				
Benzene	71-43-2	0.06	70	0.06	2.9				
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon disulfide	75-15-0			2.7	100				
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4				
Chlorobenzene	108-90-7	1.1	40	1.1	100				
Chloroethane	75-00-3			1.9					
Chloroform	67-66-3	0.37	12	0.37	10				
Chloromethane	74-87-3								
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59				
cis-1,3-Dichloropropene	10061-01-5								
Cyclohexane	110-82-7								
Dibromochloromethane	124-48-1		10						
Dichlorodifluoromethane	75-71-8								
Ethylbenzene	100-41-4	1		1	30				
Isopropylbenzene	98-82-8			2.3	100				
m,p-Xylene	179601-23-1								
Methyl Acetate	79-20-9								
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62				
Methylcyclohexane	108-87-2								
Methylene Chloride	75-09-2	0.05	12	0.05	51				
n-Butylbenzene	104-51-8	12		12	100				

Table 2-3. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SHL-34	SHL-34	SHL-34
						Sample ID	SHL-34-(0-6)	SHL-34-(12-24)	SHL-34-(6-12)
						Sample Date	01/11/2024	01/11/2024	01/11/2024
n-Propylbenzene	103-65-1	3.9		3.9	100				
o-Xylene	95-47-6								
sec-Butylbenzene	135-98-8	11		11	100				
Styrene	100-42-5		300						
tert-Butylbenzene	98-06-6	5.9		5.9	100				
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5				
Toluene	108-88-3	0.7	36	0.7	100				
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100				
trans-1,3-Dichloropropene	10061-02-6								
Trichloroethylene	79-01-6	0.47	2	0.47	10				
Trichlorofluoromethane	75-69-4								
Vinyl Chloride	75-01-4	0.02		0.02	0.21				
Xylenes	1330-20-7	0.26	0.26	1.6	100				

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-35	SHL-35	SHL-35
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-35-(0-6) 01/15/2024	SHL-35-(12-24) 01/15/2024	SHL-35-(6-12) 01/15/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.63 <i>UJ</i>	0.55 <i>UJ</i>	0.55 <i>UJ</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100				
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100				
Dichlorprop	120-36-5								
Picloram	1918-02-1								
Silvex	93-72-1	3.8		3.8	58				
Metals (mg/kg)									
Aluminum	7429-90-5		10000				12700	6880	13600
Antimony	7440-36-0		12				5.2 <i>J</i>	17.8	5.4 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		10.5	227	9.8
Barium	7440-39-3	350	433	820	350		115	124	134
Beryllium	7440-41-7	7.2	10	47	14		0.64	0.3	0.69
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.95	193	0.7
Calcium	7440-70-2		10000				2110	1610	1280
Chromium ⁹	7440-47-3	1	1	19	22		16.8	45.1	62.2
Cobalt	7440-48-4		20		30		8.9	4.3	10.3
Copper	7440-50-8	50	50	1720	270		15.1	33.6	19.3
Iron	7439-89-6				2000		20000	9420	21000
Lead	7439-92-1	63	63	450	400		117	913	135
Magnesium	7439-95-4						2940	7400	3040
Manganese	7439-96-5	1600	1600	2000	2000		528	194	582
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.035 <i>J</i>	0.11 <i>J</i>	0.042 <i>J</i>
Nickel	7440-02-0	30	30	130	140		21.8	37.8	46.1
Potassium	7440-09-7						1780	832	1820
Selenium	7782-49-2	3.9	3.9	4	36		1.3 <i>J</i>	2.4 <i>J</i>	0.82 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.76 <i>J</i>	13	0.59 <i>J</i>
Sodium	7440-23-5						53.1 <i>J</i>	219	41.4 <i>J</i>
Thallium	7440-28-0		5				0.39 <i>U</i>	0.35 <i>U</i>	0.38 <i>U</i>
Vanadium	7440-62-2		39		100		19.9	12.5	20.6
Zinc	7440-66-6	109	109	2480	2200		94.7	462	78.2
TCLP Metals (mg/L)									
Arsenic	7440-38-2								
Barium	7440-39-3								
Cadmium	7440-43-9								
Chromium	7440-47-3								
Lead	7439-92-1								
Mercury	7439-97-6								
Selenium	7782-49-2								
Silver	7440-22-4								

Table 2-3. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-35	SHL-35	SHL-35
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-35-(0-6)	SHL-35-(12-24)	SHL-35-(6-12)
							01/15/2024	01/15/2024	01/15/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9								
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7								
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9								
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3								
3:3 perfluorohexanoic acid	356-02-5								
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4								
4:2 fluorotelomer sulfonate	757124-72-4								
6:2 Fluorotelomer sulfonic acid	27619-97-2								
7:3 FTCA	812-70-4								
8:2 Fluorotelomer sulfonic acid	39108-34-4								
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1								
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6								
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2								
N-ethylperfluoro-1-octanesulfonamide	4151-50-2								
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6								
N-methylperfluoro-1-octanesulfonamide	31506-32-8								
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6								
Perfluoro-3-methoxypropanoic acid	377-73-1								
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7								
Perfluoro(4-methoxybutanoic) acid	863090-89-5								
Perfluorobutanesulfonic acid (PFBS)	375-73-5								
Perfluorobutanoic acid	375-22-4								
Perfluorodecanesulfonic acid (PFDS)	335-77-3								
Perfluorodecanoic acid	335-76-2								
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5								
Perfluorododecanoic Acid	307-55-1								
Perfluoroheptanesulfonic acid	375-92-8								
Perfluoroheptanoic acid	375-85-9								
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4								
Perfluorohexanoic acid	307-24-4								
Perfluorononanesulfonic acid	68259-12-1								
Perfluorononanoic acid	375-95-1								
Perfluorooctanesulfonamide (PFOSA)	754-91-6								
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088				
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066				
Perfluoropentanesulfonic acid	2706-91-4								
Perfluoropentanoic Acid	2706-90-3								
Perfluorotetradecanoic Acid	376-06-7								
Perfluorotridecanoic Acid	72629-94-8								
Perfluoroundecanoic Acid	2058-94-8								

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-35	SHL-35	SHL-35
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-35-(0-6)	SHL-35-(12-24)	SHL-35-(6-12)
						Sample Date	01/15/2024	01/15/2024	01/15/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6				
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8				
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7				
Aldrin	309-00-2	0.005	0.14	0.19	0.019				
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097				
beta-BHC	319-85-7	0.036	0.6	0.09	0.072				
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91				
delta-BHC	319-86-8	0.04	0.04	0.25	100				
Dieldrin	60-57-1	0.005	0.006	0.1	0.039				
Endosulfan I	959-98-8	2.4		102	4.8				
Endosulfan II	33213-65-9	2.4		102	4.8				
Endosulfan sulfate	1031-07-8	2.4		1000	4.8				
Endrin	72-20-8	0.014	0.014	0.06	2.2				
Endrin aldehyde	7421-93-4								
Endrin ketone	53494-70-5								
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28				
gamma-Chlordane	5566-34-7			14	0.54				
Heptachlor	76-44-8	0.042	0.14	0.38	0.42				
Heptachlor epoxide	1024-57-3			0.02	0.077				
Methoxychlor	72-43-5		1.2	900	100				
Toxaphene	8001-35-2								
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM								
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1				
Aroclor 1221	11104-28-2	0.1	1	3.2	1				
Aroclor 1232	11141-16-5	0.1	1	3.2	1				
Aroclor 1242	53469-21-9	0.1	1	3.2	1				
Aroclor 1248	12672-29-6	0.1	1	3.2	1				
Aroclor 1254	11097-69-1	0.1	1	3.2	1				
Aroclor 1260	11096-82-5	0.1	1	3.2	1				
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.045 U	0.038 UJ	0.04 UJ
Acenaphthene	83-32-9	20	20	98	100		0.033 U	0.031 J	0.03 UJ
Acenaphthylene	208-96-8	100		107	100		0.035 J	0.025 UJ	0.026 UJ
Anthracene	120-12-7	100		1000	100		0.13 J	0.047 UJ	0.059 J
Benzo[a]anthracene	56-55-3	1		1	1		0.48	0.16 J	0.14 J
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.51	0.19 J	0.14 J
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.57	0.24 J	0.17 J
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.23	0.11 J	0.066 J
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.27	0.11 J	0.072 J
Chrysene	218-01-9	1		1	1		0.46	0.18 J	0.15 J
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.089 J	0.034 UJ	0.035 UJ
Fluoranthene	206-44-0	100		1000	100		0.92	0.35 J	0.31 J
Fluorene	86-73-7	30	30	386	100		0.027 J	0.022 J	0.024 UJ
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.25	0.1 J	0.072 J
Naphthalene	91-20-3	12		12	100		0.029 U	0.025 UJ	0.026 UJ

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID Sample ID Sample Date	SHL-35	SHL-35	SHL-35
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}		SHL-35-(0-6) 01/15/2024	SHL-35-(12-24) 01/15/2024	SHL-35-(6-12) 01/15/2024
Phenanthrene	85-01-8	100		1000	100		0.39	0.22 <i>J</i>	0.2 <i>J</i>
Pyrene	129-00-0	100		1000	100		0.62	0.23 <i>J</i>	0.19 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.033 <i>U</i>	0.028 <i>UJ</i>	0.03 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8				
2-Chloronaphthalene	91-58-7						0.037 <i>U</i>	0.031 <i>UJ</i>	0.033 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8		100		0.041 <i>U</i>	0.035 <i>U</i>	0.037 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.026 <i>U</i>	0.022 <i>U</i>	0.024 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.033 <i>U</i>	0.028 <i>UJ</i>	0.03 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.063 <i>U</i>	0.054 <i>U</i>	0.057 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.045 <i>U</i>	0.038 <i>UJ</i>	0.04 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.024 <i>U</i>	0.02 <i>U</i>	0.021 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.054 <i>U</i>	0.046 <i>U</i>	0.048 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		1 <i>U</i>	0.88 <i>U</i>	0.93 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.06 <i>U</i>	0.051 <i>U</i>	0.054 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.045 <i>U</i>	0.038 <i>U</i>	0.04 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.046 <i>U</i>	0.039 <i>UJ</i>	0.041 <i>UJ</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.026 <i>U</i>	0.022 <i>UJ</i>	0.024 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.062 <i>U</i>	0.053 <i>UJ</i>	0.056 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						0.26 <i>U</i>	0.22 <i>UJ</i>	0.24 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.032 <i>U</i>	0.027 <i>UJ</i>	0.028 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.055 <i>U</i>	0.047 <i>U</i>	0.05 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.055 <i>U</i>	0.047 <i>UJ</i>	0.05 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.028 <i>U</i>	0.024 <i>UJ</i>	0.025 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.026 <i>UJ</i>	0.022 <i>UJ</i>	0.024 <i>UJ</i>
4-Nitroaniline	100-01-6						0.12 <i>U</i>	0.1 <i>UJ</i>	0.11 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			0.16 <i>U</i>	0.13 <i>U</i>	0.14 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.22 <i>U</i>	0.19 <i>U</i>	0.2 <i>U</i>
Acetophenone	98-86-2						0.03 <i>U</i>	0.026 <i>UJ</i>	0.027 <i>UJ</i>
Atrazine	1912-24-9						0.078 <i>U</i>	0.066 <i>UJ</i>	0.07 <i>UJ</i>
Benzaldehyde	100-52-7						0.18 <i>U</i>	0.15 <i>UJ</i>	0.16 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.029 <i>U</i>	0.025 <i>UJ</i>	0.026 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.047 <i>U</i>	0.04 <i>UJ</i>	0.043 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.076 <i>UJ</i>	0.065 <i>UJ</i>	0.069 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.037 <i>UJ</i>	0.031 <i>UJ</i>	0.033 <i>UJ</i>
Carbazole	86-74-8						0.029 <i>J</i>	0.024 <i>J</i>	0.024 <i>UJ</i>
Caprolactam	105-60-2						0.067 <i>U</i>	0.057 <i>UJ</i>	0.06 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.038 <i>U</i>	0.032 <i>UJ</i>	0.034 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.026 <i>UJ</i>	0.022 <i>UJ</i>	0.024 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.026 <i>U</i>	0.022 <i>UJ</i>	0.024 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.029 <i>U</i>	0.025 <i>UJ</i>	0.026 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.026 <i>U</i>	0.022 <i>UJ</i>	0.024 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.03 <i>U</i>	0.026 <i>UJ</i>	0.027 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.033 <i>U</i>	0.028 <i>UJ</i>	0.03 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.03 <i>U</i>	0.026 <i>UJ</i>	0.027 <i>UJ</i>
Hexachloroethane	67-72-1						0.029 <i>U</i>	0.025 <i>UJ</i>	0.026 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.047 <i>U</i>	0.04 <i>UJ</i>	0.043 <i>UJ</i>
N-Nitrosodi-n-propylamine	621-64-7						0.038 <i>U</i>	0.032 <i>UJ</i>	0.034 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				0.18 <i>U</i>	0.15 <i>UJ</i>	0.16 <i>UJ</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-35	SHL-35	SHL-35
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-35-(0-6) 01/15/2024	SHL-35-(12-24) 01/15/2024	SHL-35-(6-12) 01/15/2024
Nitrobenzene	98-95-3		40	0.17	3.7		0.025 <i>U</i>	0.021 <i>UJ</i>	0.022 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.22 <i>U</i>	0.19 <i>U</i>	0.2 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.034 <i>U</i>	0.029 <i>U</i>	0.031 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19				
1,1-Dichloroethene	75-35-4	0.33		0.33	100				
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100				
1,1,1,2-Tetrachloroethane	630-20-6								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100				
1,1,2-Trichloroethane	79-00-5								
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35				
1,2-Dibromo-3-chloropropane	96-12-8								
1,2-Dibromoethane	106-93-4								
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100				
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3				
1,2-Dichloropropane	78-87-5		700						
1,2,4-Trichlorobenzene	120-82-1		20	3.4					
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47				
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17				
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47				
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8				
2-Butanone	78-93-3	0.12	100	0.3	100				
2-Hexanone	591-78-6			7					
4-Methyl-2-pentanone	108-10-1			1					
Acetone	67-64-1	0.05	2.2	0.05	100				
Benzene	71-43-2	0.06	70	0.06	2.9				
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon disulfide	75-15-0			2.7	100				
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4				
Chlorobenzene	108-90-7	1.1	40	1.1	100				
Chloroethane	75-00-3			1.9					
Chloroform	67-66-3	0.37	12	0.37	10				
Chloromethane	74-87-3								
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59				
cis-1,3-Dichloropropene	10061-01-5								
Cyclohexane	110-82-7								
Dibromochloromethane	124-48-1		10						
Dichlorodifluoromethane	75-71-8								
Ethylbenzene	100-41-4	1		1	30				
Isopropylbenzene	98-82-8			2.3	100				
m,p-Xylene	179601-23-1								
Methyl Acetate	79-20-9								
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62				
Methylcyclohexane	108-87-2								
Methylene Chloride	75-09-2	0.05	12	0.05	51				
n-Butylbenzene	104-51-8	12		12	100				

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SHL-35	SHL-35	SHL-35
						Sample ID	SHL-35-(0-6)	SHL-35-(12-24)	SHL-35-(6-12)
						Sample Date	01/15/2024	01/15/2024	01/15/2024
n-Propylbenzene	103-65-1	3.9		3.9	100				
o-Xylene	95-47-6								
sec-Butylbenzene	135-98-8	11		11	100				
Styrene	100-42-5		300						
tert-Butylbenzene	98-06-6	5.9		5.9	100				
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5				
Toluene	108-88-3	0.7	36	0.7	100				
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100				
trans-1,3-Dichloropropene	10061-02-6								
Trichloroethylene	79-01-6	0.47	2	0.47	10				
Trichlorofluoromethane	75-69-4								
Vinyl Chloride	75-01-4	0.02		0.02	0.21				
Xylenes	1330-20-7	0.26	0.26	1.6	100				

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-31	SS-31	SS-32
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP-011824 01/18/2024	SS-31-(0-2) 01/18/2024	SS-32-(0-2) 01/18/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.46 <i>U</i>	0.7 <i>U</i>	0.84 <i>J</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		0.011 <i>U</i>	0.017 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		0.0053 <i>U</i>	0.0084 <i>U</i>	
Dichlorprop	120-36-5						0.0083 <i>U</i>	0.013 <i>U</i>	
Picloram	1918-02-1						0.0072 <i>U</i>	0.011 <i>U</i>	
Silvex	93-72-1	3.8		3.8	58		0.006 <i>U</i>	0.0095 <i>U</i>	
Metals (mg/kg)									
Aluminum	7429-90-5		10000				10100	12300	10900 <i>J</i>
Antimony	7440-36-0		12				4.2 <i>J</i>	4.4 <i>J</i>	6.1 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		7.2	8.5	10.9 <i>J</i>
Barium	7440-39-3	350	433	820	350		93.9	149	146
Beryllium	7440-41-7	7.2	10	47	14		0.56	0.6	0.51
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.13 <i>J</i>	0.37	0.39
Calcium	7440-70-2		10000				1370 <i>J</i>	4410 <i>J</i>	2570 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		13.1	16.1	18.3 <i>J</i>
Cobalt	7440-48-4		20		30		8.2	9.4	8.7
Copper	7440-50-8	50	50	1720	270		13.4	17.6	17.4 <i>J</i>
Iron	7439-89-6				2000		17800	20800	21000
Lead	7439-92-1	63	63	450	400		37.9	73.3	224 <i>J</i>
Magnesium	7439-95-4						2330 <i>J</i>	2740 <i>J</i>	2590 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		379 <i>J</i>	448 <i>J</i>	364 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.035	0.062	0.062 <i>J</i>
Nickel	7440-02-0	30	30	130	140		17.5	20.6	19.6 <i>J</i>
Potassium	7440-09-7						1160 <i>J</i>	1720 <i>J</i>	1400 <i>J</i>
Selenium	7782-49-2	3.9	3.9	4	36		0.38 <i>U</i>	0.74 <i>J</i>	0.68 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.46 <i>J</i>	0.49 <i>J</i>	0.38 <i>J</i>
Sodium	7440-23-5						52.4 <i>J</i>	67.3 <i>J</i>	46.5 <i>J</i>
Thallium	7440-28-0		5				0.29 <i>U</i>	0.49 <i>U</i>	0.49 <i>U</i>
Vanadium	7440-62-2		39		100		15.3	16.9	16.2 <i>J</i>
Zinc	7440-66-6	109	109	2480	2200		63.3 <i>J</i>	116 <i>J</i>	79.9 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2						0.0056 <i>U</i>	0.0075 <i>J</i>	
Barium	7440-39-3						0.54 <i>J</i>	0.57 <i>J</i>	
Cadmium	7440-43-9						0.0016 <i>J</i>	0.0024	
Chromium	7440-47-3						0.01 <i>U</i>	0.01 <i>U</i>	
Lead	7439-92-1						0.009 <i>J</i>	0.018 <i>J</i>	
Mercury	7439-97-6						0.000043 <i>U</i>	0.000043 <i>U</i>	
Selenium	7782-49-2						0.0087 <i>U</i>	0.0087 <i>U</i>	
Silver	7440-22-4						0.0017 <i>U</i>	0.0017 <i>U</i>	

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-31	SS-31	SS-32
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP-011824 01/18/2024	SS-31-(0-2) 01/18/2024	SS-32-(0-2) 01/18/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00012 <i>U</i>	0.00019 <i>U</i>	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.000099 <i>U</i>	0.00016 <i>U</i>	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000025 <i>U</i>	0.00004 <i>U</i>	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00037 <i>U</i>	0.00058 <i>U</i>	
3:3 perfluorohexanoic acid	356-02-5						0.00018 <i>U</i>	0.00028 <i>U</i>	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.000081 <i>U</i>	0.00013 <i>U</i>	
4:2 fluorotelomer sulfonate	757124-72-4						0.000077 <i>U</i>	0.00012 <i>U</i>	
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00049 <i>U</i>	0.00077 <i>U</i>	
7:3 FTCA	812-70-4						0.00031 <i>U</i>	0.00049 <i>U</i>	
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00012 <i>U</i>	0.00019 <i>U</i>	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.000051 <i>U</i>	0.000081 <i>U</i>	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.000094 <i>U</i>	0.00015 <i>U</i>	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00011 <i>U</i>	0.00018 <i>U</i>	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000031 <i>UJ</i>	0.00005 <i>U</i>	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000024 <i>U</i>	0.000038 <i>U</i>	
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000024 <i>U</i>	0.000038 <i>U</i>	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000048 <i>U</i>	0.000077 <i>U</i>	
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000091 <i>U</i>	0.00015 <i>U</i>	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.00004 <i>U</i>	0.000064 <i>U</i>	
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000019 <i>U</i>	0.00003 <i>U</i>	
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000014 <i>U</i>	0.000022 <i>U</i>	
Perfluorobutanoic acid	375-22-4						0.000045 <i>J</i>	0.00011 <i>J</i>	
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.00002 <i>U</i>	0.000032 <i>U</i>	
Perfluorodecanoic acid	335-76-2						0.00029	0.00035 <i>J</i>	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000017 <i>U</i>	0.000027 <i>U</i>	
Perfluorododecanoic Acid	307-55-1						0.0001 <i>J</i>	0.00011 <i>J</i>	
Perfluoroheptanesulfonic acid	375-92-8						0.000028 <i>U</i>	0.000045 <i>U</i>	
Perfluoroheptanoic acid	375-85-9						0.000063 <i>J</i>	0.000087 <i>J</i>	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.00002 <i>U</i>	0.000032 <i>U</i>	
Perfluorohexanoic acid	307-24-4						0.000021 <i>U</i>	0.000034 <i>U</i>	
Perfluorononanesulfonic acid	68259-12-1						0.000028 <i>U</i>	0.000045 <i>U</i>	
Perfluorononanoic acid	375-95-1						0.00027	0.00042	
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000012 <i>U</i>	0.000019 <i>U</i>	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		<u>0.0011</u>	<u>0.0017</u>	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		0.00024	0.0003 <i>J</i>	
Perfluoropentanesulfonic acid	2706-91-4						0.000013 <i>U</i>	0.000021 <i>U</i>	
Perfluoropentanoic Acid	2706-90-3						0.000042 <i>J</i>	0.000089 <i>J</i>	
Perfluorotetradecanoic Acid	376-06-7						0.000017 <i>UJ</i>	0.000027 <i>U</i>	
Perfluorotridecanoic Acid	72629-94-8						0.000028 <i>UJ</i>	0.000045 <i>U</i>	
Perfluoroundecanoic Acid	2058-94-8						0.00038	0.00059	

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-31	SS-31	SS-32
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP-011824 01/18/2024	SS-31-(0-2) 01/18/2024	SS-32-(0-2) 01/18/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.00032 <i>U</i>	0.00051 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.00035 <i>U</i>	0.00055 <i>U</i>	
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7		0.0013 <i>J</i>	0.0024 <i>J</i>	
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.00041 <i>U</i>	0.00065 <i>U</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.0003 <i>U</i>	0.00047 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.0003 <i>U</i>	0.00047 <i>U</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.00083 <i>U</i>	0.0013 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.00031 <i>U</i>	0.00049 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.0004 <i>U</i>	0.00063 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	4.8		0.00032 <i>U</i>	0.00051 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	4.8		0.0003 <i>U</i>	0.00047 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.00039 <i>J</i>	0.00049 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.00033 <i>U</i>	0.0012 <i>J</i>	
Endrin aldehyde	7421-93-4						0.00043 <i>U</i>	0.00067 <i>U</i>	
Endrin ketone	53494-70-5						0.00041 <i>U</i>	0.00065 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.00031 <i>U</i>	0.00048 <i>U</i>	
gamma-Chlordane	5566-34-7			14	0.54		0.00053 <i>U</i>	0.00084 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.00036 <i>U</i>	0.00057 <i>U</i>	
Heptachlor epoxide	1024-57-3			0.02	0.077		0.00043 <i>U</i>	0.00068 <i>U</i>	
Methoxychlor	72-43-5		1.2	900	100		<i>R</i>	0.0018 <i>J</i>	
Toxaphene	8001-35-2						0.0097 <i>U</i>	0.015 <i>U</i>	
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						40 <i>U</i>	63.6 <i>U</i>	
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.047 <i>U</i>	0.071 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.047 <i>U</i>	0.071 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.047 <i>U</i>	0.071 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.047 <i>U</i>	0.071 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.047 <i>U</i>	0.071 <i>U</i>	
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.11 <i>U</i>	0.17 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.11 <i>U</i>	0.17 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.034 <i>U</i>	0.054 <i>U</i>	0.53 <i>U</i>
Acenaphthene	83-32-9	20	20	98	100		0.077 <i>J</i>	0.04 <i>U</i>	0.39 <i>U</i>
Acenaphthylene	208-96-8	100		107	100		0.022 <i>U</i>	0.035 <i>U</i>	0.34 <i>U</i>
Anthracene	120-12-7	100		1000	100		0.14 <i>J</i>	0.067 <i>U</i>	0.65 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.26	0.14 <i>J</i>	0.26 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.23	0.17 <i>J</i>	0.39 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.3	0.22 <i>J</i>	0.42 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.096 <i>J</i>	0.091 <i>J</i>	0.28 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.11 <i>J</i>	0.092 <i>J</i>	0.34 <i>U</i>
Chrysene	218-01-9	1		1	1		0.26	0.18 <i>J</i>	0.59 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.038 <i>J</i>	0.048 <i>U</i>	0.47 <i>U</i>
Fluoranthene	206-44-0	100		1000	100		0.63	0.41	0.28 <i>U</i>
Fluorene	86-73-7	30	30	386	100		0.085 <i>J</i>	0.032 <i>U</i>	0.31 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.11 <i>J</i>	0.095 <i>J</i>	0.33 <i>U</i>
Naphthalene	91-20-3	12		12	100		0.022 <i>U</i>	0.035 <i>U</i>	0.34 <i>U</i>

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Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-31	SS-31	SS-32
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP-011824 01/18/2024	SS-31-(0-2) 01/18/2024	SS-32-(0-2) 01/18/2024
Phenanthrene	85-01-8	100		1000	100		0.67	0.31	0.39 <i>U</i>
Pyrene	129-00-0	100		1000	100		0.46	0.32	0.31 <i>U</i>
1,1'-Biphenyl	92-52-4		60				0.025 <i>U</i>	0.04 <i>U</i>	0.39 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		0.055 <i>U</i>	0.087 <i>U</i>	
2-Chloronaphthalene	91-58-7						0.028 <i>U</i>	0.044 <i>U</i>	0.44 <i>U</i>
2-Chlorophenol	95-57-8		0.8		100		0.031 <i>U</i>	0.049 <i>U</i>	0.48 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.02 <i>U</i>	0.032 <i>U</i>	0.31 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.025 <i>U</i>	0.04 <i>U</i>	0.39 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.048 <i>U</i>	0.076 <i>U</i>	0.75 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.034 <i>U</i>	0.054 <i>UJ</i>	0.53 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.018 <i>U</i>	0.029 <i>U</i>	0.28 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.041 <i>U</i>	0.065 <i>U</i>	0.64 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		0.78 <i>U</i>	1.2 <i>U</i>	12 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.046 <i>U</i>	0.073 <i>U</i>	0.72 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.034 <i>U</i>	0.054 <i>U</i>	0.53 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.035 <i>U</i>	0.056 <i>U</i>	0.54 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.02 <i>U</i>	0.032 <i>U</i>	0.31 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.047 <i>U</i>	0.075 <i>U</i>	0.73 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						0.2 <i>U</i>	0.32 <i>U</i>	3.1 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.024 <i>U</i>	0.038 <i>U</i>	0.37 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.042 <i>U</i>	0.067 <i>U</i>	0.65 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.042 <i>U</i>	0.067 <i>U</i>	0.65 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.021 <i>U</i>	0.033 <i>U</i>	0.33 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.02 <i>U</i>	0.032 <i>U</i>	0.31 <i>U</i>
4-Nitroaniline	100-01-6						0.089 <i>U</i>	0.14 <i>U</i>	1.4 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.12 <i>U</i>	0.19 <i>U</i>	1.9 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.17 <i>U</i>	0.27 <i>U</i>	2.6 <i>U</i>
Acetophenone	98-86-2						0.023 <i>U</i>	0.037 <i>U</i>	0.36 <i>U</i>
Atrazine	1912-24-9						0.059 <i>U</i>	0.094 <i>U</i>	0.92 <i>U</i>
Benzaldehyde	100-52-7						0.13 <i>U</i>	0.21 <i>U</i>	2.1 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.022 <i>U</i>	0.035 <i>U</i>	0.34 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.036 <i>U</i>	0.057 <i>U</i>	0.56 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.058 <i>U</i>	0.092 <i>U</i>	0.9 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		0.028 <i>U</i>	0.044 <i>U</i>	0.44 <i>U</i>
Carbazole	86-74-8						0.079 <i>J</i>	0.039 <i>J</i>	0.31 <i>U</i>
Caprolactam	105-60-2						0.051 <i>U</i>	0.081 <i>U</i>	0.79 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.029 <i>U</i>	0.046 <i>U</i>	0.45 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		0.02 <i>U</i>	0.032 <i>U</i>	0.31 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		0.051 <i>J</i>	0.032 <i>U</i>	0.31 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.022 <i>U</i>	0.035 <i>U</i>	0.34 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		0.02 <i>U</i>	0.032 <i>U</i>	0.31 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.023 <i>U</i>	0.037 <i>U</i>	0.36 <i>U</i>
Hexachlorobutadiene	87-68-3						0.025 <i>U</i>	0.04 <i>U</i>	0.39 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.023 <i>U</i>	0.037 <i>U</i>	0.36 <i>U</i>
Hexachloroethane	67-72-1						0.022 <i>U</i>	0.035 <i>U</i>	0.34 <i>U</i>
Isophorone	78-59-1			4.4	100		0.036 <i>U</i>	0.057 <i>U</i>	0.56 <i>U</i>
N-Nitrosodi-n-propylamine	621-64-7						0.029 <i>U</i>	0.046 <i>U</i>	0.45 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.14 <i>U</i>	0.22 <i>U</i>	2.1 <i>U</i>

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		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP-011824 01/18/2024	SS-31-(0-2) 01/18/2024	SS-32-(0-2) 01/18/2024
Nitrobenzene	98-95-3		40	0.17	3.7		0.019 <i>U</i>	0.03 <i>U</i>	0.3 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.0054 <i>U</i>	0.0086 <i>U</i>	2.6 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.026 <i>U</i>	0.041 <i>U</i>	0.4 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19		0.00057 <i>U</i>	0.00073 <i>U</i>	
1,1-Dichloroethene	75-35-4	0.33		0.33	100		0.00057 <i>U</i>	0.00074 <i>U</i>	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100		0.00034 <i>U</i>	0.00044 <i>U</i>	
1,1,1,2-Tetrachloroethane	630-20-6						0.00047 <i>U</i>	0.0006 <i>U</i>	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100		0.0011 <i>U</i>	0.0014 <i>U</i>	
1,1,2-Trichloroethane	79-00-5						0.00061 <i>U</i>	0.00078 <i>UJ</i>	
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35		0.00076 <i>U</i>	0.00097 <i>UJ</i>	
1,2-Dibromo-3-chloropropane	96-12-8						0.0023 <i>U</i>	0.003 <i>UJ</i>	
1,2-Dibromoethane	106-93-4						0.0006 <i>U</i>	0.00077 <i>UJ</i>	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100		0.00037 <i>U</i>	0.00047 <i>UJ</i>	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3		0.00023 <i>U</i>	0.0003 <i>UJ</i>	
1,2-Dichloropropane	78-87-5		700				0.0023 <i>U</i>	0.003 <i>U</i>	
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00028 <i>U</i>	0.00037 <i>UJ</i>	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47		0.0009 <i>U</i>	0.0012 <i>UJ</i>	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17		0.00024 <i>U</i>	0.00031 <i>UJ</i>	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47		0.0003 <i>U</i>	0.00039 <i>UJ</i>	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8		0.00065 <i>U</i>	0.00084 <i>UJ</i>	
2-Butanone	78-93-3	0.12	100	0.3	100		0.0017 <i>U</i>	0.0022 <i>UJ</i>	
2-Hexanone	591-78-6			7			0.0023 <i>U</i>	0.003 <i>UJ</i>	
4-Methyl-2-pentanone	108-10-1			1			0.0015 <i>U</i>	0.002 <i>UJ</i>	
Acetone	67-64-1	0.05	2.2	0.05	100		0.0039 <i>U</i>	0.0051 <i>UJ</i>	
Benzene	71-43-2	0.06	70	0.06	2.9		0.00023 <i>U</i>	0.00029 <i>U</i>	
Bromodichloromethane	75-27-4						0.00063 <i>U</i>	0.00081 <i>UJ</i>	
Bromoform	75-25-2						0.0023 <i>U</i>	0.003 <i>UJ</i>	
Bromomethane	74-83-9						0.00042 <i>U</i>	0.00054 <i>U</i>	
Carbon disulfide	75-15-0			2.7	100		0.0023 <i>U</i>	0.003 <i>U</i>	
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4		0.00045 <i>U</i>	0.00058 <i>U</i>	
Chlorobenzene	108-90-7	1.1	40	1.1	100		0.00062 <i>U</i>	0.00079 <i>UJ</i>	
Chloroethane	75-00-3			1.9			0.0011 <i>U</i>	0.0014 <i>U</i>	
Chloroform	67-66-3	0.37	12	0.37	10		0.00029 <i>U</i>	0.00037 <i>U</i>	
Chloromethane	74-87-3						0.00028 <i>U</i>	0.00036 <i>U</i>	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59		0.0006 <i>U</i>	0.00077 <i>U</i>	
cis-1,3-Dichloropropene	10061-01-5						0.00067 <i>U</i>	0.00087 <i>UJ</i>	
Cyclohexane	110-82-7						0.00065 <i>U</i>	0.00084 <i>U</i>	
Dibromochloromethane	124-48-1		10				0.0006 <i>U</i>	0.00077 <i>UJ</i>	
Dichlorodifluoromethane	75-71-8						0.00039 <i>U</i>	0.0005 <i>U</i>	
Ethylbenzene	100-41-4	1		1	30		0.00032 <i>U</i>	0.00041 <i>UJ</i>	
Isopropylbenzene	98-82-8			2.3	100		0.0007 <i>U</i>	0.00091 <i>UJ</i>	
m,p-Xylene	179601-23-1						0.00078 <i>U</i>	0.001 <i>U</i>	
Methyl Acetate	79-20-9						0.0028 <i>U</i>	0.0036 <i>U</i>	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62		0.00046 <i>U</i>	0.00059 <i>U</i>	
Methylcyclohexane	108-87-2						0.00071 <i>U</i>	0.00091 <i>UJ</i>	
Methylene Chloride	75-09-2	0.05	12	0.05	51		0.0021 <i>U</i>	0.0028 <i>U</i>	
n-Butylbenzene	104-51-8	12		12	100		0.00041 <i>U</i>	0.00052 <i>UJ</i>	

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-31	SS-31	SS-32
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP-011824 01/18/2024	SS-31-(0-2) 01/18/2024	SS-32-(0-2) 01/18/2024
n-Propylbenzene	103-65-1	3.9		3.9	100		0.00037 <i>U</i>	0.00048 <i>UJ</i>	
o-Xylene	95-47-6						0.00061 <i>U</i>	0.00078 <i>U</i>	
sec-Butylbenzene	135-98-8	11		11	100		0.00041 <i>U</i>	0.00052 <i>UJ</i>	
Styrene	100-42-5		300				0.00023 <i>U</i>	0.0003 <i>UJ</i>	
tert-Butylbenzene	98-06-6	5.9		5.9	100		0.00049 <i>U</i>	0.00063 <i>UJ</i>	
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5		0.00063 <i>U</i>	0.00081 <i>UJ</i>	
Toluene	108-88-3	0.7	36	0.7	100		0.00035 <i>U</i>	0.00045 <i>U</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100		0.00048 <i>U</i>	0.00062 <i>U</i>	
trans-1,3-Dichloropropene	10061-02-6						0.0021 <i>U</i>	0.0026 <i>UJ</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	10		0.001 <i>U</i>	0.0013 <i>U</i>	
Trichlorofluoromethane	75-69-4						0.00044 <i>U</i>	0.00057 <i>U</i>	
Vinyl Chloride	75-01-4	0.02		0.02	0.21		0.00057 <i>U</i>	0.00073 <i>U</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	100		0.00078 <i>U</i>	0.001 <i>U</i>	

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-33	SS-34	SS-35
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SS-33-(0-2) 01/15/2024	SS-34-(0-2) 01/11/2024	SS-35-(0-2) 01/15/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.65 <i>UJ</i>	0.67 <i>J</i>	0.75 <i>UJ</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100				
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100				
Dichlorprop	120-36-5								
Picloram	1918-02-1								
Silvex	93-72-1	3.8		3.8	58				
Metals (mg/kg)									
Aluminum	7429-90-5		10000				14000	8970 <i>J</i>	13900
Antimony	7440-36-0		12				7.3 <i>J</i>	6.1 <i>J</i>	6.3 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		19.8	9.8 <i>J</i>	14.4
Barium	7440-39-3	350	433	820	350		152	118	136
Beryllium	7440-41-7	7.2	10	47	14		0.65	0.49	0.69
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.71	0.87	1.9
Calcium	7440-70-2		10000				3130	2590 <i>J</i>	2030
Chromium ⁹	7440-47-3	1	1	19	22		23.1	13	19.1
Cobalt	7440-48-4		20		30		9.8	9.6	9.8
Copper	7440-50-8	50	50	1720	270		21.5	20.9	16.9
Iron	7439-89-6				2000		22300	16400 <i>J</i>	21200
Lead	7439-92-1	63	63	450	400		156	134 <i>J</i>	212
Magnesium	7439-95-4						3270	2590	3270
Manganese	7439-96-5	1600	1600	2000	2000		654	415 <i>J</i>	601
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.081 <i>J</i>	0.09 <i>J</i>	0.041 <i>J</i>
Nickel	7440-02-0	30	30	130	140		25.4	20	23.2
Potassium	7440-09-7						2160	1370	2140
Selenium	7782-49-2	3.9	3.9	4	36		1.2 <i>J</i>	0.54 <i>U</i>	0.75 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.35 <i>J</i>	0.27 <i>U</i>	0.56 <i>J</i>
Sodium	7440-23-5						57.3 <i>J</i>	64.5 <i>J</i>	53.2 <i>J</i>
Thallium	7440-28-0		5				0.48 <i>U</i>	0.4 <i>U</i>	0.49 <i>U</i>
Vanadium	7440-62-2		39		100		21.5	16	20.7
Zinc	7440-66-6	109	109	2480	2200		110	82.5 <i>J</i>	105
TCLP Metals (mg/L)									
Arsenic	7440-38-2								
Barium	7440-39-3								
Cadmium	7440-43-9								
Chromium	7440-47-3								
Lead	7439-92-1								
Mercury	7439-97-6								
Selenium	7782-49-2								
Silver	7440-22-4								

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-33	SS-34	SS-35
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SS-33-(0-2)	SS-34-(0-2)	SS-35-(0-2)
				Groundwater ^{b,c,e}		Sample Date	01/15/2024	01/11/2024	01/15/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9								
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7								
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9								
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3								
3:3 perfluorohexanoic acid	356-02-5								
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4								
4:2 fluorotelomer sulfonate	757124-72-4								
6:2 Fluorotelomer sulfonic acid	27619-97-2								
7:3 FTCA	812-70-4								
8:2 Fluorotelomer sulfonic acid	39108-34-4								
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1								
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6								
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2								
N-ethylperfluoro-1-octanesulfonamide	4151-50-2								
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6								
N-methylperfluoro-1-octanesulfonamide	31506-32-8								
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6								
Perfluoro-3-methoxypropanoic acid	377-73-1								
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7								
Perfluoro(4-methoxybutanoic) acid	863090-89-5								
Perfluorobutanesulfonic acid (PFBS)	375-73-5								
Perfluorobutanoic acid	375-22-4								
Perfluorodecanesulfonic acid (PFDS)	335-77-3								
Perfluorodecanoic acid	335-76-2								
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5								
Perfluorododecanoic Acid	307-55-1								
Perfluoroheptanesulfonic acid	375-92-8								
Perfluoroheptanoic acid	375-85-9								
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4								
Perfluorohexanoic acid	307-24-4								
Perfluorononanesulfonic acid	68259-12-1								
Perfluorononanoic acid	375-95-1								
Perfluorooctanesulfonamide (PFOSA)	754-91-6								
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088				
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066				
Perfluoropentanesulfonic acid	2706-91-4								
Perfluoropentanoic Acid	2706-90-3								
Perfluorotetradecanoic Acid	376-06-7								
Perfluorotridecanoic Acid	72629-94-8								
Perfluoroundecanoic Acid	2058-94-8								

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-33	SS-34	SS-35
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SS-33-(0-2) 01/15/2024	SS-34-(0-2) 01/11/2024	SS-35-(0-2) 01/15/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6				
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8				
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7				
Aldrin	309-00-2	0.005	0.14	0.19	0.019				
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097				
beta-BHC	319-85-7	0.036	0.6	0.09	0.072				
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91				
delta-BHC	319-86-8	0.04	0.04	0.25	100				
Dieldrin	60-57-1	0.005	0.006	0.1	0.039				
Endosulfan I	959-98-8	2.4		102	4.8				
Endosulfan II	33213-65-9	2.4		102	4.8				
Endosulfan sulfate	1031-07-8	2.4		1000	4.8				
Endrin	72-20-8	0.014	0.014	0.06	2.2				
Endrin aldehyde	7421-93-4								
Endrin ketone	53494-70-5								
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28				
gamma-Chlordane	5566-34-7			14	0.54				
Heptachlor	76-44-8	0.042	0.14	0.38	0.42				
Heptachlor epoxide	1024-57-3			0.02	0.077				
Methoxychlor	72-43-5		1.2	900	100				
Toxaphene	8001-35-2								
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM								
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1				
Aroclor 1221	11104-28-2	0.1	1	3.2	1				
Aroclor 1232	11141-16-5	0.1	1	3.2	1				
Aroclor 1242	53469-21-9	0.1	1	3.2	1				
Aroclor 1248	12672-29-6	0.1	1	3.2	1				
Aroclor 1254	11097-69-1	0.1	1	3.2	1				
Aroclor 1260	11096-82-5	0.1	1	3.2	1				
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.53 <i>U</i>	0.23 <i>U</i>	0.053 <i>UJ</i>
Acenaphthene	83-32-9	20	20	98	100		0.39 <i>U</i>	0.17 <i>U</i>	0.039 <i>UJ</i>
Acenaphthylene	208-96-8	100		107	100		0.34 <i>U</i>	0.15 <i>U</i>	0.035 <i>UJ</i>
Anthracene	120-12-7	100		1000	100		0.66 <i>U</i>	0.29 <i>U</i>	0.066 <i>UJ</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.79 <i>J</i>	0.13 <i>J</i>	0.14 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.92 <i>J</i>	0.19 <i>J</i>	0.14 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		1 <i>J</i>	0.2 <i>J</i>	0.17 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.46 <i>J</i>	0.15 <i>J</i>	0.067 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.46 <i>J</i>	0.15 <i>U</i>	0.081 <i>J</i>
Chrysene	218-01-9	1		1	1		1 <i>J</i>	0.26 <i>U</i>	0.15 <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.47 <i>U</i>	0.21 <i>U</i>	0.047 <i>UJ</i>
Fluoranthene	206-44-0	100		1000	100		2.2 <i>J</i>	0.24 <i>J</i>	0.31 <i>J</i>
Fluorene	86-73-7	30	30	386	100		0.31 <i>U</i>	0.14 <i>U</i>	0.031 <i>UJ</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.4 <i>J</i>	0.14 <i>J</i>	0.069 <i>J</i>
Naphthalene	91-20-3	12		12	100		0.34 <i>U</i>	0.15 <i>U</i>	0.035 <i>UJ</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-33	SS-34	SS-35
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SS-33-(0-2) 01/15/2024	SS-34-(0-2) 01/11/2024	SS-35-(0-2) 01/15/2024
Phenanthrene	85-01-8	100		1000	100		0.95 <i>J</i>	0.17 <i>U</i>	0.15 <i>J</i>
Pyrene	129-00-0	100		1000	100		1.2 <i>J</i>	0.23 <i>J</i>	0.19 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.39 <i>U</i>	0.17 <i>U</i>	0.039 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8				
2-Chloronaphthalene	91-58-7						0.44 <i>U</i>	0.19 <i>U</i>	0.044 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8		100		0.49 <i>U</i>	0.21 <i>U</i>	0.049 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.31 <i>U</i>	0.14 <i>U</i>	0.031 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.39 <i>U</i>	0.17 <i>U</i>	0.039 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.75 <i>U</i>	0.33 <i>U</i>	0.075 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.53 <i>U</i>	0.23 <i>U</i>	0.053 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.28 <i>U</i>	0.12 <i>U</i>	0.028 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.64 <i>U</i>	0.28 <i>U</i>	0.064 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		12 <i>U</i>	5.4 <i>U</i>	1.2 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.72 <i>U</i>	0.32 <i>U</i>	0.072 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.53 <i>U</i>	0.23 <i>U</i>	0.053 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.55 <i>U</i>	0.24 <i>U</i>	0.055 <i>UJ</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.31 <i>U</i>	0.14 <i>U</i>	0.031 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.74 <i>U</i>	0.32 <i>U</i>	0.074 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						3.1 <i>U</i>	1.4 <i>U</i>	0.31 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.38 <i>U</i>	0.16 <i>U</i>	0.038 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.66 <i>U</i>	0.29 <i>U</i>	0.066 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.66 <i>U</i>	0.29 <i>U</i>	0.066 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.33 <i>U</i>	0.14 <i>U</i>	0.033 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.31 <i>UJ</i>	0.14 <i>U</i>	0.031 <i>UJ</i>
4-Nitroaniline	100-01-6						1.4 <i>U</i>	0.61 <i>U</i>	0.14 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			1.9 <i>U</i>	0.82 <i>U</i>	0.19 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2.7 <i>U</i>	1.2 <i>U</i>	0.27 <i>U</i>
Acetophenone	98-86-2						0.36 <i>U</i>	0.16 <i>U</i>	0.036 <i>UJ</i>
Atrazine	1912-24-9						0.93 <i>U</i>	0.41 <i>U</i>	0.093 <i>UJ</i>
Benzaldehyde	100-52-7						2.1 <i>U</i>	0.93 <i>U</i>	0.21 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.34 <i>U</i>	0.15 <i>U</i>	0.035 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.56 <i>U</i>	0.25 <i>U</i>	0.057 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.91 <i>UJ</i>	0.4 <i>U</i>	0.091 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.44 <i>UJ</i>	0.19 <i>U</i>	0.044 <i>UJ</i>
Carbazole	86-74-8						0.31 <i>U</i>	0.14 <i>U</i>	0.031 <i>UJ</i>
Caprolactam	105-60-2						0.8 <i>U</i>	0.35 <i>U</i>	0.08 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.45 <i>U</i>	0.2 <i>U</i>	0.046 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.31 <i>UJ</i>	0.14 <i>U</i>	0.031 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.31 <i>U</i>	0.14 <i>U</i>	0.031 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.34 <i>U</i>	0.15 <i>U</i>	0.035 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.31 <i>U</i>	0.14 <i>U</i>	0.031 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.36 <i>U</i>	0.16 <i>U</i>	0.036 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.39 <i>U</i>	0.17 <i>U</i>	0.039 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.36 <i>U</i>	0.16 <i>U</i>	0.036 <i>UJ</i>
Hexachloroethane	67-72-1						0.34 <i>U</i>	0.15 <i>U</i>	0.035 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.56 <i>U</i>	0.25 <i>U</i>	0.057 <i>UJ</i>
N-Nitrosodi-n-propylamine	621-64-7						0.45 <i>U</i>	0.2 <i>U</i>	0.046 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				2.2 <i>U</i>	0.95 <i>U</i>	0.22 <i>UJ</i>

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-33	SS-34	SS-35
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SS-33-(0-2) 01/15/2024	SS-34-(0-2) 01/11/2024	SS-35-(0-2) 01/15/2024
Nitrobenzene	98-95-3		40	0.17	3.7		0.3 <i>U</i>	0.13 <i>U</i>	0.03 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		2.7 <i>U</i>	1.2 <i>U</i>	0.27 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.41 <i>U</i>	0.18 <i>U</i>	0.041 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19				
1,1-Dichloroethene	75-35-4	0.33		0.33	100				
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100				
1,1,1,2-Tetrachloroethane	630-20-6								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100				
1,1,2-Trichloroethane	79-00-5								
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35				
1,2-Dibromo-3-chloropropane	96-12-8								
1,2-Dibromoethane	106-93-4								
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100				
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3				
1,2-Dichloropropane	78-87-5		700						
1,2,4-Trichlorobenzene	120-82-1		20	3.4					
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47				
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17				
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47				
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8				
2-Butanone	78-93-3	0.12	100	0.3	100				
2-Hexanone	591-78-6			7					
4-Methyl-2-pentanone	108-10-1			1					
Acetone	67-64-1	0.05	2.2	0.05	100				
Benzene	71-43-2	0.06	70	0.06	2.9				
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon disulfide	75-15-0			2.7	100				
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4				
Chlorobenzene	108-90-7	1.1	40	1.1	100				
Chloroethane	75-00-3			1.9					
Chloroform	67-66-3	0.37	12	0.37	10				
Chloromethane	74-87-3								
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59				
cis-1,3-Dichloropropene	10061-01-5								
Cyclohexane	110-82-7								
Dibromochloromethane	124-48-1		10						
Dichlorodifluoromethane	75-71-8								
Ethylbenzene	100-41-4	1		1	30				
Isopropylbenzene	98-82-8			2.3	100				
m,p-Xylene	179601-23-1								
Methyl Acetate	79-20-9								
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62				
Methylcyclohexane	108-87-2								
Methylene Chloride	75-09-2	0.05	12	0.05	51				
n-Butylbenzene	104-51-8	12		12	100				

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SS-33	SS-34	SS-35
						Sample ID	SS-33-(0-2)	SS-34-(0-2)	SS-35-(0-2)
						Sample Date	01/15/2024	01/11/2024	01/15/2024
n-Propylbenzene	103-65-1	3.9		3.9	100				
o-Xylene	95-47-6								
sec-Butylbenzene	135-98-8	11		11	100				
Styrene	100-42-5		300						
tert-Butylbenzene	98-06-6	5.9		5.9	100				
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5				
Toluene	108-88-3	0.7	36	0.7	100				
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100				
trans-1,3-Dichloropropene	10061-02-6								
Trichloroethylene	79-01-6	0.47	2	0.47	10				
Trichlorofluoromethane	75-69-4								
Vinyl Chloride	75-01-4	0.02		0.02	0.21				
Xylenes	1330-20-7	0.26	0.26	1.6	100				

Table 2-3. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.120

Notes:

- Bold** = Exceeds NYSDEC Restricted Use SCO, Protection of Ecological Resources
- Underline = Exceeds NYSDEC Restricted Use SCO, Protection of Groundwater
- Italic* = Exceeds NYSDEC Unrestricted Use SCO
- Shading = Exceeds NYSDEC Restricted Use SCO, Residential
- CAS = Chemical Abstract Service
- mg/kg = milligrams per kilogram
- mg/L = milligrams per liter
- NYSDEC = New York State Department of Environmental Conservation
- SCO = soil cleanup objective
- TCLP = toxicity characteristic leaching procedure

Qualifiers:

- J = Quantitation is approximate with no direction of bias due to limitations identified during data validation.
- U = The laboratory reported this analyte as “not-detected” or this analyte was detected in a laboratory, field, and/or equipment blank at a similar level and should be considered “not-detected.”
- UJ = This analyte was not detected, but the detection limit may or may not be higher due to a bias identified during data validation.
- R = Rejected results not reported on table.

^aNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives
^bNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Protection of Ecological Resources
^cNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Protection of Groundwater
^dNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Residential
^eNYSDEC, 2023, 6 NYCRR PART 375 Environmental Remediation Programs, Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS), Protection of Groundwater
^fNYSDEC, 2010, CP-51 Soil Cleanup Guidance, Supplemental Soil Cleanup Objective
^gScreening criteria is conservatively compared to hexavalent chromium SCOs

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	GS-01	GS-02	SB-20
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	GS-01-(0-12)	GS-02-(0-12)	FDUP_011024
				Groundwater ^{b,c,e}		Sample Date	02/20/2024	02/20/2024	01/10/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.53 <i>U</i>	0.58 <i>U</i>	0.61 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		0.012 <i>U</i>		0.014 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		0.0062 <i>U</i>		0.0072 <i>U</i>
Dichlorprop	120-36-5						0.0097 <i>U</i>		0.011 <i>U</i>
Picloram	1918-02-1						0.0084 <i>U</i>		0.0097 <i>U</i>
Silvex	93-72-1	3.8		3.8	58		0.007 <i>U</i>		0.0081 <i>U</i>
Metals (mg/kg)									
Aluminum	7429-90-5		10000				14400	15000	5300 <i>J</i>
Antimony	7440-36-0		12				0.49 <i>J</i>	0.52 <i>J</i>	10.1 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		7.5	8.3	37.1
Barium	7440-39-3	350	433	820	350		136	135	103 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.65	0.7	3.4
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.38	0.29	1.1
Calcium	7440-70-2		10000				2790 <i>J</i>	3450 <i>J</i>	4540 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		16.7	16.9	23.4 <i>J</i>
Cobalt	7440-48-4		20		30		10.4	10.4	9.6
Copper	7440-50-8	50	50	1720	270		28.8	23.6	36.4 <i>J</i>
Iron	7439-89-6				2000		22200	23500	12000
Lead	7439-92-1	63	63	450	400		56 <i>J</i>	49.1 <i>J</i>	236
Magnesium	7439-95-4						3150 <i>J</i>	3570 <i>J</i>	254 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		531	476	36.7 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.1	0.044	1.1 <i>J</i>
Nickel	7440-02-0	30	30	130	140		25.2	25.7	73.5 <i>J</i>
Potassium	7440-09-7						1720	1700	444
Selenium	7782-49-2	3.9	3.9	4	36		0.85 <i>J</i>	0.64 <i>J</i>	2.5 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.23 <i>U</i>	0.23 <i>U</i>	0.59 <i>J</i>
Sodium	7440-23-5						47.8 <i>J</i>	54.5 <i>J</i>	421 <i>J</i>
Thallium	7440-28-0		5				0.35 <i>U</i>	0.35 <i>U</i>	0.85 <i>J</i>
Vanadium	7440-62-2		39		100		21	23.3	26
Zinc	7440-66-6	109	109	2480	2200		143	90.5	321 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2						0.0056 <i>U</i>		0.54
Barium	7440-39-3						0.42 <i>J</i>		0.44 <i>J</i>
Cadmium	7440-43-9						0.0014 <i>J</i>		0.008 <i>J</i>
Chromium	7440-47-3						0.01 <i>U</i>		0.01 <i>U</i>
Lead	7439-92-1						0.0055 <i>J</i>		0.26 <i>J</i>
Mercury	7439-97-6						0.000043 <i>U</i>		0.000043 <i>U</i>
Selenium	7782-49-2						0.0087 <i>U</i>		0.0087 <i>U</i>
Silver	7440-22-4						0.0017 <i>U</i>		0.0017 <i>U</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	GS-01	GS-02	SB-20
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	GS-01-(0-12)	GS-02-(0-12)	FDUP_011024
				Groundwater ^{b,c,e}		Sample Date	02/20/2024	02/20/2024	01/10/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00015 <i>U</i>		0.00016 <i>U</i>
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00037 <i>U</i>		0.00013 <i>U</i>
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000037 <i>U</i>		0.000034 <i>U</i>
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00092 <i>U</i>		0.00049 <i>U</i>
3:3 perfluorohexanoic acid	356-02-5						0.00018 <i>U</i>		0.00024 <i>U</i>
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00015 <i>U</i>		0.00011 <i>U</i>
4:2 fluorotelomer sulfonate	757124-72-4						0.00015 <i>U</i>		0.0001 <i>U</i>
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00015 <i>U</i>		0.00065 <i>U</i>
7:3 FTCA	812-70-4						0.00092 <i>U</i>		0.00042 <i>U</i>
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00015 <i>U</i>		0.00016 <i>U</i>
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00015 <i>U</i>		0.000069 <i>U</i>
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00015 <i>U</i>		0.00013 <i>U</i>
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00037 <i>U</i>		0.00015 <i>UJ</i>
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000037 <i>U</i>		0.000042 <i>UJ</i>
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000037 <i>U</i>		0.000032 <i>U</i>
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000037 <i>U</i>		0.000032 <i>UJ</i>
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000073 <i>U</i>		0.000065 <i>U</i>
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000073 <i>U</i>		0.00012 <i>U</i>
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000073 <i>U</i>		0.000054 <i>U</i>
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000073 <i>U</i>		0.000026 <i>U</i>
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000037 <i>U</i>		0.000019 <i>U</i>
Perfluorobutanoic acid	375-22-4						0.00015 <i>U</i>		0.000075 <i>J</i>
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000037 <i>U</i>		0.000027 <i>U</i>
Perfluorodecanoic acid	335-76-2						0.000037 <i>J</i>		0.0001 <i>U</i>
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000037 <i>U</i>		0.000023 <i>U</i>
Perfluorododecanoic Acid	307-55-1						0.000037 <i>U</i>		0.000076 <i>UJ</i>
Perfluoroheptanesulfonic acid	375-92-8						0.000037 <i>U</i>		0.000038 <i>U</i>
Perfluoroheptanoic acid	375-85-9						0.000055 <i>J</i>		0.000075 <i>J</i>
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000037 <i>U</i>		0.000027 <i>U</i>
Perfluorohexanoic acid	307-24-4						0.000058 <i>J</i>		0.00017 <i>J</i>
Perfluorononanesulfonic acid	68259-12-1						0.000037 <i>U</i>		0.000038 <i>U</i>
Perfluorononanoic acid	375-95-1						0.000077 <i>J</i>		0.000016 <i>U</i>
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000037 <i>U</i>		0.000016 <i>U</i>
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		0.00028		0.000078 <i>J</i>
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		0.00017		0.00036
Perfluoropentanesulfonic acid	2706-91-4						0.000037 <i>U</i>		0.000018 <i>U</i>
Perfluoropentanoic Acid	2706-90-3						0.000073 <i>U</i>		0.0001 <i>J</i>
Perfluorotetradecanoic Acid	376-06-7						0.000037 <i>U</i>		0.000023 <i>UJ</i>
Perfluorotridecanoic Acid	72629-94-8						0.000037 <i>U</i>		0.000038 <i>UJ</i>
Perfluoroundecanoic Acid	2058-94-8						0.000037 <i>U</i>		0.000038 <i>U</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	GS-01	GS-02	SB-20
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	GS-01-(0-12)	GS-02-(0-12)	FDUP_011024
				Groundwater ^{b,c,e}		Sample Date	02/20/2024	02/20/2024	01/10/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.00037 <i>U</i>		0.00043 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.0004 <i>U</i>		0.002 <i>J</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7		0.00082 <i>J</i>		0.00052 <i>U</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.00047 <i>U</i>		0.00055 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.00034 <i>U</i>		0.0004 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.00034 <i>U</i>		0.00099 <i>J</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.00095 <i>U</i>		0.0011 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.00036 <i>U</i>		0.00041 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.00046 <i>U</i>		0.0024 <i>J</i>
Endosulfan I	959-98-8	2.4		102	4.8		0.00037 <i>U</i>		0.00061 <i>J</i>
Endosulfan II	33213-65-9	2.4		102	4.8		0.00034 <i>U</i>		0.0004 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.00036 <i>U</i>		0.00042 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.00038 <i>U</i>		0.00053 <i>J</i>
Endrin aldehyde	7421-93-4						0.00052 <i>J</i>		0.00057 <i>U</i>
Endrin ketone	53494-70-5						0.00047 <i>U</i>		0.00055 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.00035 <i>U</i>		0.00041 <i>U</i>
gamma-Chlordane	5566-34-7			14	0.54		0.00061 <i>U</i>		0.00071 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.00041 <i>U</i>		0.00048 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02	0.077		0.00049 <i>U</i>		0.00058 <i>U</i>
Methoxychlor	72-43-5		1.2	900	100		0.00039 <i>U</i>		0.00057 <i>J</i>
Toxaphene	8001-35-2						0.011 <i>U</i>		0.013 <i>U</i>
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						46.9 <i>U</i>		53.8 <i>U</i>
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.041 <i>U</i>		0.065 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.041 <i>U</i>		0.065 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.041 <i>U</i>		0.065 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.041 <i>U</i>		0.065 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.041 <i>U</i>		0.065 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.099 <i>U</i>		0.19 <i>J</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.099 <i>U</i>		0.16 <i>U</i>
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.039 <i>U</i>	0.2 <i>U</i>	0.23 <i>UJ</i>
Acenaphthene	83-32-9	20	20	98	100		0.029 <i>U</i>	0.15 <i>U</i>	0.17 <i>UJ</i>
Acenaphthylene	208-96-8	100		107	100		0.026 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
Anthracene	120-12-7	100		1000	100		0.049 <i>U</i>	0.25 <i>U</i>	0.28 <i>UJ</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.12 <i>J</i>	0.11 <i>J</i>	0.11 <i>UJ</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.17 <i>J</i>	0.15 <i>J</i>	0.17 <i>UJ</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.13 <i>J</i>	0.19 <i>J</i>	0.18 <i>UJ</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.085 <i>J</i>	0.11 <i>U</i>	0.12 <i>UJ</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.049 <i>J</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
Chrysene	218-01-9	1		1	1		0.15 <i>J</i>	0.23 <i>U</i>	0.26 <i>UJ</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.035 <i>U</i>	0.18 <i>U</i>	0.2 <i>UJ</i>
Fluoranthene	206-44-0	100		1000	100		0.093 <i>J</i>	0.19 <i>J</i>	0.12 <i>UJ</i>
Fluorene	86-73-7	30	30	386	100		0.023 <i>U</i>	0.12 <i>U</i>	0.13 <i>UJ</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.043 <i>J</i>	0.12 <i>U</i>	0.14 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	GS-01	GS-02	SB-20
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	GS-01-(0-12) 02/20/2024	GS-02-(0-12) 02/20/2024	FDUP_011024 01/10/2024
Naphthalene	91-20-3	12		12	100		0.026 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.043 <i>J</i>	0.15 <i>U</i>	0.17 <i>UJ</i>
Pyrene	129-00-0	100		1000	100		0.11 <i>J</i>	0.16 <i>J</i>	0.13 <i>UJ</i>
1,1'-Biphenyl	92-52-4		60				0.029 <i>U</i>	0.15 <i>U</i>	0.17 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		0.064 <i>U</i>		0.37 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8		100		0.036 <i>U</i>	0.18 <i>U</i>	0.21 <i>U</i>
2-Chloronaphthalene	91-58-7						0.033 <i>U</i>	0.17 <i>U</i>	0.19 <i>UJ</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.023 <i>U</i>	0.12 <i>U</i>	0.13 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.029 <i>U</i>	0.15 <i>U</i>	0.17 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.056 <i>U</i>	0.29 <i>U</i>	0.32 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.039 <i>U</i>	0.2 <i>U</i>	0.23 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.021 <i>U</i>	0.11 <i>U</i>	0.12 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.048 <i>U</i>	0.24 <i>U</i>	0.28 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		0.91 <i>U</i>	4.7 <i>U</i>	5.3 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.041 <i>U</i>	0.21 <i>U</i>	0.24 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.053 <i>U</i>	0.27 <i>U</i>	0.31 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.039 <i>U</i>	0.2 <i>U</i>	0.23 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.023 <i>U</i>	0.12 <i>U</i>	0.13 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.055 <i>U</i>	0.28 <i>U</i>	0.32 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						0.23 <i>U</i>	1.2 <i>U</i>	1.3 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.028 <i>U</i>	0.14 <i>U</i>	0.16 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.049 <i>U</i>	0.25 <i>U</i>	0.28 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.049 <i>U</i>	0.25 <i>U</i>	0.28 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.024 <i>U</i>	0.12 <i>U</i>	0.14 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.023 <i>U</i>	0.12 <i>U</i>	0.13 <i>U</i>
4-Nitroaniline	100-01-6						0.1 <i>U</i>	0.53 <i>U</i>	0.6 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			0.14 <i>U</i>	0.71 <i>U</i>	0.8 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.2 <i>U</i>	1 <i>U</i>	1.1 <i>U</i>
Atrazine	1912-24-9						0.069 <i>U</i>	0.35 <i>U</i>	0.4 <i>UJ</i>
Acetophenone	98-86-2						0.027 <i>U</i>	0.14 <i>U</i>	0.15 <i>UJ</i>
Benzaldehyde	100-52-7						0.16 <i>UJ</i>	0.8 <i>U</i>	0.91 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.026 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.042 <i>U</i>	0.21 <i>U</i>	0.24 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.067 <i>U</i>	0.34 <i>U</i>	0.39 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.033 <i>U</i>	0.17 <i>U</i>	0.19 <i>UJ</i>
Carbazole	86-74-8						0.023 <i>U</i>	0.12 <i>U</i>	0.13 <i>UJ</i>
Caprolactam	105-60-2						0.059 <i>U</i>	0.3 <i>U</i>	0.34 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.034 <i>U</i>	0.17 <i>U</i>	0.19 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.023 <i>U</i>	0.12 <i>U</i>	0.13 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.023 <i>U</i>	0.12 <i>U</i>	0.13 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.026 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.023 <i>U</i>	0.12 <i>U</i>	0.13 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.027 <i>U</i>	0.14 <i>U</i>	0.15 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.029 <i>U</i>	0.15 <i>U</i>	0.17 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.027 <i>U</i>	0.14 <i>U</i>	0.15 <i>UJ</i>
Hexachloroethane	67-72-1						0.026 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.042 <i>U</i>	0.21 <i>U</i>	0.24 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	GS-01	GS-02	SB-20
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	GS-01-(0-12) 02/20/2024	GS-02-(0-12) 02/20/2024	FDUP_011024 01/10/2024
N-Nitrosodi-n-propylamine	621-64-7						0.034 <i>U</i>	0.17 <i>U</i>	0.19 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				0.16 <i>U</i>	0.82 <i>U</i>	0.93 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.022 <i>U</i>	0.11 <i>U</i>	0.13 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.0064 <i>U</i>	1 <i>U</i>	0.0073 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.03 <i>U</i>	0.15 <i>U</i>	0.17 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19		0.00048 <i>U</i>		0.00091 <i>UJ</i>
1,1-Dichloroethene	75-35-4	0.33		0.33	100		0.00048 <i>U</i>		0.00092 <i>UJ</i>
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100		0.00029 <i>U</i>		0.00054 <i>UJ</i>
1,1,1,2-Tetrachloroethane	630-20-6						0.0004 <i>U</i>		0.00075 <i>UJ</i>
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100		0.0009 <i>U</i>		0.0017 <i>UJ</i>
1,1,2-Trichloroethane	79-00-5						0.00051 <i>U</i>		0.00097 <i>UJ</i>
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35		0.00064 <i>U</i>		0.0012 <i>UJ</i>
1,2-Dibromo-3-chloropropane	96-12-8						0.002 <i>U</i>		0.0037 <i>UJ</i>
1,2-Dibromoethane	106-93-4						0.00051 <i>U</i>		0.00096 <i>UJ</i>
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100		0.00031 <i>U</i>		0.00058 <i>UJ</i>
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3		0.0002 <i>U</i>		0.00038 <i>UJ</i>
1,2-Dichloropropane	78-87-5		700				0.002 <i>U</i>		0.0037 <i>UJ</i>
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00024 <i>U</i>		<i>R</i>
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47		0.00076 <i>U</i>		0.0014 <i>UJ</i>
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17		0.0002 <i>U</i>		0.00038 <i>UJ</i>
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47		0.00025 <i>U</i>		0.00048 <i>UJ</i>
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8		0.00055 <i>U</i>		0.001 <i>UJ</i>
2-Butanone	78-93-3	0.12	100	0.3	100		0.0014 <i>U</i>		0.0027 <i>UJ</i>
2-Hexanone	591-78-6						0.002 <i>U</i>		0.0037 <i>UJ</i>
4-Methyl-2-pentanone	108-10-1			1			0.0013 <i>U</i>		0.0025 <i>UJ</i>
Acetone	67-64-1	0.05	2.2	0.05	100		0.0033 <i>U</i>		0.0063 <i>UJ</i>
Benzene	71-43-2	0.06	70	0.06	2.9		0.00019 <i>U</i>		0.00037 <i>UJ</i>
Bromodichloromethane	75-27-4						0.00053 <i>U</i>		0.001 <i>UJ</i>
Bromoform	75-25-2						0.002 <i>U</i>		0.0037 <i>UJ</i>
Bromomethane	74-83-9						0.00036 <i>U</i>		0.00067 <i>U</i>
Carbon disulfide	75-15-0			2.7	100		0.002 <i>U</i>		0.0037 <i>UJ</i>
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4		0.00038 <i>U</i>		0.00072 <i>UJ</i>
Chlorobenzene	108-90-7	1.1	40	1.1	100		0.00052 <i>U</i>		0.00099 <i>UJ</i>
Chloroethane	75-00-3			1.9			0.00089 <i>U</i>		0.0017 <i>UJ</i>
Chloroform	67-66-3	0.37	12	0.37	10		0.00024 <i>U</i>		0.00046 <i>UJ</i>
Chloromethane	74-87-3						0.00024 <i>U</i>		0.00045 <i>UJ</i>
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59		0.00051 <i>U</i>		0.00096 <i>UJ</i>
cis-1,3-Dichloropropene	10061-01-5						0.00057 <i>U</i>		0.0011 <i>UJ</i>
Cyclohexane	110-82-7						0.00055 <i>U</i>		0.001 <i>UJ</i>
Dibromochloromethane	124-48-1		10				0.00051 <i>U</i>		0.00096 <i>UJ</i>
Dichlorodifluoromethane	75-71-8						0.00033 <i>U</i>		0.00062 <i>UJ</i>
Ethylbenzene	100-41-4	1		1	30		0.00027 <i>U</i>		0.00052 <i>UJ</i>
Isopropylbenzene	98-82-8			2.3	100		0.0006 <i>U</i>		0.0011 <i>UJ</i>
m,p-Xylene	179601-23-1						0.00066 <i>U</i>		0.0013 <i>UJ</i>
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62		0.00039 <i>U</i>		0.00073 <i>UJ</i>
Methyl Acetate	79-20-9						0.0024 <i>U</i>		0.0045 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	GS-01	GS-02	SB-20
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	GS-01-(0-12)	GS-02-(0-12)	FDUP_011024
				Groundwater ^{b,c,e}		Sample Date	02/20/2024	02/20/2024	01/10/2024
Methylcyclohexane	108-87-2						0.0006 <i>U</i>		0.0011 <i>UJ</i>
Methylene Chloride	75-09-2	0.05	12	0.05	51		0.0018 <i>U</i>		0.0034 <i>UJ</i>
n-Butylbenzene	104-51-8	12		12	100		0.00034 <i>U</i>		0.00065 <i>UJ</i>
n-Propylbenzene	103-65-1	3.9		3.9	100		0.00032 <i>U</i>		0.0006 <i>UJ</i>
o-Xylene	95-47-6						0.00052 <i>U</i>		0.00098 <i>UJ</i>
sec-Butylbenzene	135-98-8	11		11	100		0.00034 <i>U</i>		0.00065 <i>UJ</i>
Styrene	100-42-5		300				0.0002 <i>U</i>		0.00037 <i>UJ</i>
tert-Butylbenzene	98-06-6	5.9		5.9	100		0.00041 <i>U</i>		0.00078 <i>UJ</i>
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5		0.00053 <i>U</i>		0.001 <i>UJ</i>
Toluene	108-88-3	0.7	36	0.7	100		0.0003 <i>U</i>		0.00057 <i>UJ</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100		0.00041 <i>U</i>		0.00077 <i>UJ</i>
trans-1,3-Dichloropropene	10061-02-6						0.0017 <i>U</i>		0.0033 <i>UJ</i>
Trichloroethylene	79-01-6	0.47	2	0.47	10		0.00087 <i>U</i>		0.0016 <i>UJ</i>
Trichlorofluoromethane	75-69-4						0.00037 <i>U</i>		0.00071 <i>UJ</i>
Vinyl Chloride	75-01-4	0.02		0.02	0.21		0.00048 <i>U</i>		0.00091 <i>UJ</i>
Xylenes	1330-20-7	0.26	0.26	1.6	100		0.00066 <i>U</i>		0.0013 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-20	SB-21	SB-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-20-(9-20) 01/10/2024	SB-21-(10-18) 01/11/2024	SB-22-(9-18) 01/11/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.51 <i>U</i>	0.59 <i>UJ</i>	0.58 <i>J</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		0.013 <i>U</i>		
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		0.0065 <i>U</i>		
Dichlorprop	120-36-5						0.01 <i>U</i>		
Picloram	1918-02-1						0.0087 <i>U</i>		
Silvex	93-72-1	3.8		3.8	58		0.0073 <i>U</i>		
Metals (mg/kg)									
Aluminum	7429-90-5		10000				18300	4380 <i>J</i>	3440 <i>J</i>
Antimony	7440-36-0		12				5.1 <i>J</i>	335	65.4
Arsenic	7440-38-2	13	13	16	16		9.6	437 <i>J</i>	190 <i>J</i>
Barium	7440-39-3	350	433	820	350		188 <i>J</i>	2020	559
Beryllium	7440-41-7	7.2	10	47	14		0.8	1.6	0.17 <i>J</i>
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.035 <i>U</i>	20.4	26
Calcium	7440-70-2		10000				2220 <i>J</i>	5270 <i>J</i>	7700 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		22.1	32.1	280
Cobalt	7440-48-4		20		30		13	8.9	21.6
Copper	7440-50-8	50	50	1720	270		24.7	302	182
Iron	7439-89-6				2000		30800	14000 <i>J</i>	97500 <i>J</i>
Lead	7439-92-1	63	63	450	400		36.4	1590 <i>J</i>	1530 <i>J</i>
Magnesium	7439-95-4						4200 <i>J</i>	748	1300
Manganese	7439-96-5	1600	1600	2000	2000		535 <i>J</i>	141 <i>J</i>	879 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.038	1.6 <i>J</i>	1.3 <i>J</i>
Nickel	7440-02-0	30	30	130	140		31.3	76.7	1010
Potassium	7440-09-7						2170	1870	795
Selenium	7782-49-2	3.9	3.9	4	36		0.55 <i>J</i>	0.94 <i>J</i>	2.6 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.24 <i>U</i>	0.27 <i>U</i>	0.69 <i>J</i>
Sodium	7440-23-5						110 <i>J</i>	749	274
Thallium	7440-28-0		5				0.36 <i>J</i>	0.4 <i>U</i>	0.35 <i>U</i>
Vanadium	7440-62-2		39		100		25.1	8.9	17.8
Zinc	7440-66-6	109	109	2480	2200		99.1	288 <i>J</i>	1880 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2						0.0056 <i>U</i>		
Barium	7440-39-3						0.71 <i>J</i>		
Cadmium	7440-43-9						0.0005 <i>U</i>		
Chromium	7440-47-3						0.01 <i>U</i>		
Lead	7439-92-1						0.01 <i>J</i>		
Mercury	7439-97-6						0.000043 <i>U</i>		
Selenium	7782-49-2						0.0087 <i>U</i>		
Silver	7440-22-4						0.0017 <i>U</i>		

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SB-20	SB-21	SB-22
						Sample ID Sample Date	SB-20-(9-20) 01/10/2024	SB-21-(10-18) 01/11/2024	SB-22-(9-18) 01/11/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00015	U	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00012	UJ	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.00003	U	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00044	U	
3:3 perfluorohexanoic acid	356-02-5						0.00021	U	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.000099	U	
4:2 fluorotelomer sulfonate	757124-72-4						0.000094	U	
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00059	U	
7:3 FTCA	812-70-4						0.00037	U	
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00014	U	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.000062	U	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00011	U	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00013	UJ	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000038	UJ	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000029	U	
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000029	UJ	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000058	U	
Perfluoro-3-methoxypropanoic acid	377-73-1						0.00011	U	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000049	U	
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000023	U	
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000017	U	
Perfluorobutanoic acid	375-22-4						0.000045	U	
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000024	U	
Perfluorodecanoic acid	335-76-2						0.000091	U	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000021	U	
Perfluorododecanoic Acid	307-55-1						0.000068	U	
Perfluoroheptanesulfonic acid	375-92-8						0.000034	U	
Perfluoroheptanoic acid	375-85-9						0.000027	U	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000024	U	
Perfluorohexanoic acid	307-24-4						0.000026	U	
Perfluorononanesulfonic acid	68259-12-1						0.000034	U	
Perfluorononanoic acid	375-95-1						0.000015	U	
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000015	U	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		0.00016	J	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		0.000072	J	
Perfluoropentanesulfonic acid	2706-91-4						0.000016	U	
Perfluoropentanoic Acid	2706-90-3						0.000026	U	
Perfluorotetradecanoic Acid	376-06-7						0.000021	UJ	
Perfluorotridecanoic Acid	72629-94-8						0.000034	UJ	
Perfluoroundecanoic Acid	2058-94-8						0.000034	U	

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-20	SB-21	SB-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-20-(9-20) 01/10/2024	SB-21-(10-18) 01/11/2024	SB-22-(9-18) 01/11/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.00039 <i>U</i>		
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.00042 <i>U</i>		
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7		0.00047 <i>U</i>		
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.0005 <i>U</i>		
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.00036 <i>U</i>		
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.0012 <i>J</i>		
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.001 <i>U</i>		
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.00038 <i>U</i>		
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.00048 <i>U</i>		
Endosulfan I	959-98-8	2.4		102	4.8		0.00039 <i>U</i>		
Endosulfan II	33213-65-9	2.4		102	4.8		0.00036 <i>U</i>		
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.00038 <i>U</i>		
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.0004 <i>U</i>		
Endrin aldehyde	7421-93-4						0.00052 <i>U</i>		
Endrin ketone	53494-70-5						0.0005 <i>U</i>		
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.00037 <i>U</i>		
gamma-Chlordane	5566-34-7			14	0.54		0.00064 <i>U</i>		
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.00044 <i>U</i>		
Heptachlor epoxide	1024-57-3			0.02	0.077		0.00052 <i>U</i>		
Methoxychlor	72-43-5		1.2	900	100		0.00041 <i>U</i>		
Toxaphene	8001-35-2						0.012 <i>U</i>		
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						48.7 <i>U</i>		
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.047 <i>U</i>		
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.047 <i>U</i>		
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.047 <i>U</i>		
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.047 <i>U</i>		
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.047 <i>U</i>		
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.11 <i>U</i>		
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.11 <i>U</i>		
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.21 <i>UJ</i>	0.22 <i>U</i>	0.19 <i>U</i>
Acenaphthene	83-32-9	20	20	98	100		0.15 <i>UJ</i>	0.16 <i>U</i>	0.14 <i>U</i>
Acenaphthylene	208-96-8	100		107	100		0.13 <i>UJ</i>	0.14 <i>U</i>	0.13 <i>U</i>
Anthracene	120-12-7	100		1000	100		0.25 <i>UJ</i>	0.27 <i>U</i>	0.24 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.1 <i>UJ</i>	0.11 <i>U</i>	0.097 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.15 <i>UJ</i>	0.16 <i>U</i>	0.17 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.16 <i>UJ</i>	0.17 <i>U</i>	0.17 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.11 <i>UJ</i>	0.12 <i>U</i>	0.15 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.13 <i>UJ</i>	0.14 <i>U</i>	0.14 <i>J</i>
Chrysene	218-01-9	1		1	1		0.23 <i>UJ</i>	0.25 <i>U</i>	0.22 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.18 <i>UJ</i>	0.19 <i>U</i>	0.17 <i>U</i>
Fluoranthene	206-44-0	100		1000	100		0.11 <i>UJ</i>	0.12 <i>U</i>	0.18 <i>J</i>
Fluorene	86-73-7	30	30	386	100		0.12 <i>UJ</i>	0.13 <i>U</i>	0.11 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.13 <i>UJ</i>	0.14 <i>U</i>	0.15 <i>J</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-20	SB-21	SB-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-20-(9-20) 01/10/2024	SB-21-(10-18) 01/11/2024	SB-22-(9-18) 01/11/2024
Naphthalene	91-20-3	12		12	100		0.13 <i>UJ</i>	0.14 <i>U</i>	0.13 <i>U</i>
Phenanthrene	85-01-8	100		1000	100		0.15 <i>UJ</i>	0.16 <i>U</i>	0.14 <i>U</i>
Pyrene	129-00-0	100		1000	100		0.12 <i>UJ</i>	0.13 <i>U</i>	0.15 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.15 <i>UJ</i>	0.16 <i>U</i>	0.14 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		0.33 <i>UJ</i>		
2-Chlorophenol	95-57-8		0.8		100		0.19 <i>U</i>	0.2 <i>U</i>	0.18 <i>U</i>
2-Chloronaphthalene	91-58-7						0.17 <i>UJ</i>	0.18 <i>U</i>	0.16 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.12 <i>U</i>	0.13 <i>U</i>	0.11 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.15 <i>UJ</i>	0.16 <i>U</i>	0.14 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.29 <i>U</i>	0.31 <i>U</i>	0.27 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.21 <i>UJ</i>	0.22 <i>U</i>	0.19 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.11 <i>U</i>	0.12 <i>U</i>	0.1 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.25 <i>U</i>	0.26 <i>U</i>	0.23 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		4.7 <i>U</i>	5.1 <i>U</i>	4.5 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.21 <i>UJ</i>	0.23 <i>U</i>	0.2 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.28 <i>U</i>	0.3 <i>U</i>	0.26 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.21 <i>U</i>	0.22 <i>U</i>	0.19 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.12 <i>UJ</i>	0.13 <i>U</i>	0.11 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.28 <i>UJ</i>	0.3 <i>U</i>	0.27 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						1.2 <i>UJ</i>	1.3 <i>U</i>	1.1 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.15 <i>UJ</i>	0.15 <i>U</i>	0.14 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.25 <i>U</i>	0.27 <i>U</i>	0.24 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.25 <i>UJ</i>	0.27 <i>U</i>	0.24 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.13 <i>UJ</i>	0.14 <i>U</i>	0.12 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.12 <i>U</i>	0.13 <i>U</i>	0.11 <i>U</i>
4-Nitroaniline	100-01-6						0.54 <i>UJ</i>	0.57 <i>U</i>	0.51 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.72 <i>U</i>	0.77 <i>U</i>	0.68 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1 <i>U</i>	1.1 <i>U</i>	0.97 <i>U</i>
Atrazine	1912-24-9						0.36 <i>UJ</i>	0.38 <i>U</i>	0.34 <i>U</i>
Acetophenone	98-86-2						0.14 <i>UJ</i>	0.15 <i>U</i>	0.13 <i>U</i>
Benzaldehyde	100-52-7						0.82 <i>UJ</i>	0.87 <i>U</i>	0.77 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.13 <i>UJ</i>	0.14 <i>U</i>	0.13 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.22 <i>UJ</i>	0.23 <i>U</i>	0.21 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.35 <i>UJ</i>	0.37 <i>U</i>	0.33 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		0.17 <i>UJ</i>	0.18 <i>U</i>	0.16 <i>U</i>
Carbazole	86-74-8						0.12 <i>UJ</i>	0.13 <i>U</i>	0.11 <i>U</i>
Caprolactam	105-60-2						0.31 <i>UJ</i>	0.33 <i>U</i>	0.29 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.18 <i>UJ</i>	0.19 <i>U</i>	0.17 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		0.12 <i>UJ</i>	0.13 <i>U</i>	0.11 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		0.12 <i>UJ</i>	0.13 <i>U</i>	0.11 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.13 <i>UJ</i>	0.14 <i>U</i>	0.13 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		0.12 <i>UJ</i>	0.13 <i>U</i>	0.11 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.14 <i>UJ</i>	0.15 <i>U</i>	0.13 <i>U</i>
Hexachlorobutadiene	87-68-3						0.15 <i>UJ</i>	0.16 <i>U</i>	0.14 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.14 <i>UJ</i>	0.15 <i>U</i>	0.13 <i>U</i>
Hexachloroethane	67-72-1						0.13 <i>UJ</i>	0.14 <i>U</i>	0.13 <i>U</i>
Isophorone	78-59-1			4.4	100		0.22 <i>UJ</i>	0.23 <i>U</i>	0.21 <i>U</i>

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Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-20	SB-21	SB-22
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SB-20-(9-20) 01/10/2024	SB-21-(10-18) 01/11/2024	SB-22-(9-18) 01/11/2024
N-Nitrosodi-n-propylamine	621-64-7						0.18 <i>UJ</i>	0.19 <i>U</i>	0.17 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.84 <i>UJ</i>	0.89 <i>U</i>	0.79 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.11 <i>UJ</i>	0.12 <i>U</i>	0.11 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.0066 <i>U</i>	1.1 <i>U</i>	0.97 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.16 <i>U</i>	0.17 <i>U</i>	0.15 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19		0.00026 <i>UJ</i>		
1,1-Dichloroethene	75-35-4	0.33		0.33	100		0.00026 <i>UJ</i>		
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100		0.00015 <i>UJ</i>		
1,1,1,2-Tetrachloroethane	630-20-6						0.00021 <i>UJ</i>		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100		0.00048 <i>UJ</i>		
1,1,2-Trichloroethane	79-00-5						0.00027 <i>UJ</i>		
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35		0.00034 <i>UJ</i>		
1,2-Dibromo-3-chloropropane	96-12-8						0.0011 <i>UJ</i>		
1,2-Dibromoethane	106-93-4						0.00027 <i>UJ</i>		
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100		0.00016 <i>UJ</i>		
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3		0.00011 <i>UJ</i>		
1,2-Dichloropropane	78-87-5		700				0.0011 <i>UJ</i>		
1,2,4-Trichlorobenzene	120-82-1		20	3.4			<i>R</i>		
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47		0.0004 <i>UJ</i>		
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17		0.00011 <i>UJ</i>		
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47		0.00014 <i>UJ</i>		
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8		0.00029 <i>UJ</i>		
2-Butanone	78-93-3	0.12	100	0.3	100		0.00077 <i>UJ</i>		
2-Hexanone	591-78-6						0.0011 <i>UJ</i>		
4-Methyl-2-pentanone	108-10-1			1			0.00069 <i>UJ</i>		
Acetone	67-64-1	0.05	2.2	0.05	100		0.0018 <i>UJ</i>		
Benzene	71-43-2	0.06	70	0.06	2.9		0.0001 <i>UJ</i>		
Bromodichloromethane	75-27-4						0.00028 <i>UJ</i>		
Bromoform	75-25-2						0.0011 <i>UJ</i>		
Bromomethane	74-83-9						0.00019 <i>U</i>		
Carbon disulfide	75-15-0			2.7	100		0.0011 <i>UJ</i>		
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4		0.0002 <i>UJ</i>		
Chlorobenzene	108-90-7	1.1	40	1.1	100		0.00028 <i>UJ</i>		
Chloroethane	75-00-3			1.9			0.00048 <i>UJ</i>		
Chloroform	67-66-3	0.37	12	0.37	10		0.00013 <i>UJ</i>		
Chloromethane	74-87-3						0.00013 <i>UJ</i>		
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59		0.00027 <i>UJ</i>		
cis-1,3-Dichloropropene	10061-01-5						0.0003 <i>UJ</i>		
Cyclohexane	110-82-7						0.00029 <i>UJ</i>		
Dibromochloromethane	124-48-1		10				0.00027 <i>UJ</i>		
Dichlorodifluoromethane	75-71-8						0.00017 <i>UJ</i>		
Ethylbenzene	100-41-4	1		1	30		0.00015 <i>UJ</i>		
Isopropylbenzene	98-82-8			2.3	100		0.00032 <i>UJ</i>		
m,p-Xylene	179601-23-1						0.00035 <i>UJ</i>		
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62		0.00021 <i>UJ</i>		
Methyl Acetate	79-20-9						0.0013 <i>UJ</i>		

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SB-20	SB-21	SB-22
							SB-20-(9-20) 01/10/2024	SB-21-(10-18) 01/11/2024	SB-22-(9-18) 01/11/2024
Methylcyclohexane	108-87-2						0.00032 <i>UJ</i>		
Methylene Chloride	75-09-2	0.05	12	0.05	51		0.00097 <i>UJ</i>		
n-Butylbenzene	104-51-8	12		12	100		0.00018 <i>UJ</i>		
n-Propylbenzene	103-65-1	3.9		3.9	100		0.00017 <i>UJ</i>		
o-Xylene	95-47-6						0.00027 <i>UJ</i>		
sec-Butylbenzene	135-98-8	11		11	100		0.00018 <i>UJ</i>		
Styrene	100-42-5		300				0.00011 <i>UJ</i>		
tert-Butylbenzene	98-06-6	5.9		5.9	100		0.00022 <i>UJ</i>		
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5		0.00028 <i>UJ</i>		
Toluene	108-88-3	0.7	36	0.7	100		0.00016 <i>UJ</i>		
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100		0.00022 <i>UJ</i>		
trans-1,3-Dichloropropene	10061-02-6						0.00093 <i>UJ</i>		
Trichloroethylene	79-01-6	0.47	2	0.47	10		0.00046 <i>UJ</i>		
Trichlorofluoromethane	75-69-4						0.0002 <i>UJ</i>		
Vinyl Chloride	75-01-4	0.02		0.02	0.21		0.00026 <i>UJ</i>		
Xylenes	1330-20-7	0.26	0.26	1.6	100		0.00035 <i>UJ</i>		

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-23	SB-23	SHL-36
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	FDUP_011124	SB-23-(0-6)	SHL-36-(0-6)
				Groundwater ^{b,c,e}		Sample Date	01/11/2024	01/11/2024	01/09/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.56 <i>UJ</i>	0.51 <i>J</i>	0.62 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		0.013 <i>UJ</i>	0.012 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		0.0064 <i>UJ</i>	0.0062 <i>U</i>	
Dichlorprop	120-36-5						0.01 <i>UJ</i>	0.0097 <i>U</i>	
Picloram	1918-02-1						0.0086 <i>UJ</i>	0.0084 <i>U</i>	
Silvex	93-72-1	3.8		3.8	58		0.0072 <i>UJ</i>	0.007 <i>U</i>	
Metals (mg/kg)									
Aluminum	7429-90-5		10000				6480 <i>J</i>	4030 <i>J</i>	11400 <i>J</i>
Antimony	7440-36-0		12				14 <i>J</i>	14 <i>J</i>	3.5 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		441 <i>J</i>	435 <i>J</i>	6.7
Barium	7440-39-3	350	433	820	350		517	456	92.5 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.48	0.38	0.53
Cadmium	7440-43-9	2.5	4	7.5	2.5		7.5	7.1	0.31
Calcium	7440-70-2		10000				2340 <i>J</i>	2330 <i>J</i>	1980 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		50.4	56.9	12.8 <i>J</i>
Cobalt	7440-48-4		20		30		7.5	6.3	7.9
Copper	7440-50-8	50	50	1720	270		45	46.6	14 <i>J</i>
Iron	7439-89-6				2000		8980 <i>J</i>	12000 <i>J</i>	15700
Lead	7439-92-1	63	63	450	400		1230 <i>J</i>	769 <i>J</i>	49.9 <i>J</i>
Magnesium	7439-95-4						813	778	2730 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		105 <i>J</i>	115 <i>J</i>	451 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.25 <i>J</i>	0.13 <i>J</i>	0.049 <i>J</i>
Nickel	7440-02-0	30	30	130	140		18.6	16	19.1 <i>J</i>
Potassium	7440-09-7						756	602	1560
Selenium	7782-49-2	3.9	3.9	4	36		1.7 <i>J</i>	2 <i>J</i>	0.95 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.25 <i>U</i>	0.25 <i>U</i>	0.28 <i>U</i>
Sodium	7440-23-5						201	256	36.6 <i>J</i>
Thallium	7440-28-0		5				0.37 <i>U</i>	0.38 <i>U</i>	0.42 <i>U</i>
Vanadium	7440-62-2		39		100		16.4	15.1	16.1
Zinc	7440-66-6	109	109	2480	2200		82.9 <i>J</i>	102 <i>J</i>	64.1 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2						0.7 <i>J</i>	0.6 <i>J</i>	
Barium	7440-39-3						3.5 <i>J</i>	3.8 <i>J</i>	
Cadmium	7440-43-9						0.11 <i>J</i>	0.13 <i>J</i>	
Chromium	7440-47-3						0.01 <i>U</i>	0.01 <i>U</i>	
Lead	7439-92-1						3.1	5.6	
Mercury	7439-97-6						0.000043 <i>U</i>	0.000043 <i>U</i>	
Selenium	7782-49-2						0.0087 <i>U</i>	0.0087 <i>U</i>	
Silver	7440-22-4						0.0017 <i>U</i>	0.0017 <i>U</i>	

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-23	SB-23	SHL-36
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	FDUP_011124	SB-23-(0-6)	SHL-36-(0-6)
				Groundwater ^{b,c,e}		Sample Date	01/11/2024	01/11/2024	01/09/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00015 <i>U</i>	0.00013 <i>U</i>	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00012 <i>U</i>	0.0001 <i>UJ</i>	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000031 <i>U</i>	0.000026 <i>U</i>	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00045 <i>U</i>	0.00039 <i>U</i>	
3:3 perfluorohexanoic acid	356-02-5						0.00022 <i>U</i>	0.00019 <i>U</i>	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.000099 <i>U</i>	0.000086 <i>U</i>	
4:2 fluorotelomer sulfonate	757124-72-4						0.000094 <i>U</i>	0.000082 <i>U</i>	
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00059 <i>U</i>	0.00051 <i>U</i>	
7:3 FTCA	812-70-4						0.00038 <i>U</i>	0.00033 <i>U</i>	
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00014 <i>U</i>	0.00012 <i>U</i>	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.000062 <i>U</i>	0.000054 <i>U</i>	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00012 <i>U</i>	0.0001 <i>U</i>	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00013 <i>U</i>	0.00012 <i>UJ</i>	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000038 <i>UJ</i>	0.000033 <i>UJ</i>	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000029 <i>U</i>	0.000025 <i>U</i>	
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000029 <i>U</i>	0.000025 <i>UJ</i>	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000059 <i>U</i>	0.000051 <i>U</i>	
Perfluoro-3-methoxypropanoic acid	377-73-1						0.00011 <i>U</i>	0.000096 <i>U</i>	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000049 <i>U</i>	0.000042 <i>U</i>	
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000023 <i>U</i>	0.00002 <i>U</i>	
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000017 <i>U</i>	0.000015 <i>U</i>	
Perfluorobutanoic acid	375-22-4						0.000045 <i>U</i>	0.000041 <i>J</i>	
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000024 <i>U</i>	0.000021 <i>U</i>	
Perfluorodecanoic acid	335-76-2						0.000092 <i>U</i>	0.000079 <i>U</i>	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000021 <i>U</i>	0.000018 <i>U</i>	
Perfluorododecanoic Acid	307-55-1						0.000069 <i>U</i>	0.000059 <i>U</i>	
Perfluoroheptanesulfonic acid	375-92-8						0.000034 <i>U</i>	0.00003 <i>U</i>	
Perfluoroheptanoic acid	375-85-9						0.000027 <i>U</i>	0.000024 <i>J</i>	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000024 <i>U</i>	0.000021 <i>U</i>	
Perfluorohexanoic acid	307-24-4						0.000026 <i>U</i>	0.000022 <i>U</i>	
Perfluorononanesulfonic acid	68259-12-1						0.000034 <i>U</i>	0.00003 <i>U</i>	
Perfluorononanoic acid	375-95-1						0.000038 <i>J</i>	0.000029 <i>J</i>	
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000015 <i>U</i>	0.000013 <i>U</i>	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		0.000096 <i>J</i>	0.000077 <i>J</i>	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		0.000057 <i>J</i>	0.000056 <i>J</i>	
Perfluoropentanesulfonic acid	2706-91-4						0.000016 <i>U</i>	0.000014 <i>U</i>	
Perfluoropentanoic Acid	2706-90-3						0.000026 <i>U</i>	0.000022 <i>U</i>	
Perfluorotetradecanoic Acid	376-06-7						0.000021 <i>U</i>	0.000018 <i>UJ</i>	
Perfluorotridecanoic Acid	72629-94-8						0.000034 <i>U</i>	0.00003 <i>UJ</i>	
Perfluoroundecanoic Acid	2058-94-8						0.000034 <i>U</i>	0.00003 <i>U</i>	

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-23	SB-23	SHL-36
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP_011124 01/11/2024	SB-23-(0-6) 01/11/2024	SHL-36-(0-6) 01/09/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.002 <i>U</i>	0.0019 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.0021 <i>U</i>	0.0021 <i>U</i>	
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7		0.016	0.017	
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.0046 <i>J</i>	0.0043 <i>J</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.0018 <i>U</i>	0.0018 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.0018 <i>U</i>	0.0071 <i>J</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.005 <i>U</i>	0.005 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.0019 <i>U</i>	0.0019 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.0024 <i>U</i>	0.0024 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	4.8		0.0019 <i>U</i>	0.0019 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	4.8		0.0018 <i>U</i>	0.0018 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.0019 <i>U</i>	0.0019 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.002 <i>U</i>	0.002 <i>U</i>	
Endrin aldehyde	7421-93-4						0.0026 <i>U</i>	0.0026 <i>U</i>	
Endrin ketone	53494-70-5						0.0025 <i>U</i>	0.0025 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.0036 <i>J</i>	0.003 <i>J</i>	
gamma-Chlordane	5566-34-7			14	0.54		0.0032 <i>U</i>	0.0032 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.0022 <i>U</i>	0.0068 <i>J</i>	
Heptachlor epoxide	1024-57-3			0.02	0.077		0.0026 <i>U</i>	0.0026 <i>U</i>	
Methoxychlor	72-43-5		1.2	900	100		0.0021 <i>U</i>	0.002 <i>U</i>	
Toxaphene	8001-35-2						0.059 <i>U</i>	0.058 <i>U</i>	
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						49 <i>U</i>	48.3 <i>U</i>	
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.043 <i>U</i>	0.051 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.043 <i>U</i>	0.051 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.043 <i>U</i>	0.051 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.043 <i>U</i>	0.051 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.21 <i>J</i>	0.34	
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.1 <i>U</i>	0.12 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.1 <i>U</i>	0.12 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.21 <i>U</i>	0.2 <i>U</i>	0.24 <i>UJ</i>
Acenaphthene	83-32-9	20	20	98	100		0.15 <i>U</i>	0.15 <i>U</i>	0.17 <i>UJ</i>
Acenaphthylene	208-96-8	100		107	100		0.13 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
Anthracene	120-12-7	100		1000	100		0.25 <i>U</i>	0.25 <i>U</i>	0.29 <i>UJ</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.1 <i>U</i>	0.1 <i>U</i>	0.12 <i>UJ</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.15 <i>U</i>	0.15 <i>U</i>	0.17 <i>UJ</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.16 <i>U</i>	0.16 <i>U</i>	0.19 <i>UJ</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.11 <i>J</i>	0.11 <i>U</i>	0.13 <i>UJ</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.13 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
Chrysene	218-01-9	1		1	1		0.23 <i>U</i>	0.23 <i>U</i>	0.26 <i>UJ</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.18 <i>U</i>	0.18 <i>U</i>	0.21 <i>UJ</i>
Fluoranthene	206-44-0	100		1000	100		0.27 <i>J</i>	0.11 <i>U</i>	0.13 <i>UJ</i>
Fluorene	86-73-7	30	30	386	100		0.12 <i>U</i>	0.12 <i>U</i>	0.14 <i>UJ</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.13 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SB-23	SB-23	SHL-36
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP_011124 01/11/2024	SB-23-(0-6) 01/11/2024	SHL-36-(0-6) 01/09/2024
Naphthalene	91-20-3	12		12	100		0.13 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.15 <i>U</i>	0.15 <i>U</i>	0.17 <i>UJ</i>
Pyrene	129-00-0	100		1000	100		0.19 <i>J</i>	0.12 <i>U</i>	0.14 <i>UJ</i>
1,1'-Biphenyl	92-52-4		60				0.15 <i>U</i>	0.15 <i>U</i>	0.17 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		0.33 <i>U</i>	0.33 <i>U</i>	
2-Chlorophenol	95-57-8		0.8		100		0.19 <i>U</i>	0.19 <i>U</i>	0.22 <i>U</i>
2-Chloronaphthalene	91-58-7						0.17 <i>U</i>	0.17 <i>U</i>	0.19 <i>UJ</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.12 <i>U</i>	0.12 <i>U</i>	0.14 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.15 <i>U</i>	0.15 <i>U</i>	0.17 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.29 <i>U</i>	0.29 <i>U</i>	0.33 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.21 <i>U</i>	0.2 <i>U</i>	0.24 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.11 <i>U</i>	0.11 <i>U</i>	0.13 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.25 <i>U</i>	0.25 <i>U</i>	0.29 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		4.7 <i>U</i>	4.7 <i>U</i>	5.5 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.21 <i>U</i>	0.21 <i>U</i>	0.24 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.28 <i>U</i>	0.28 <i>U</i>	0.32 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.21 <i>U</i>	0.2 <i>U</i>	0.24 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.12 <i>U</i>	0.12 <i>U</i>	0.14 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.28 <i>U</i>	0.28 <i>U</i>	0.33 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						1.2 <i>U</i>	1.2 <i>U</i>	1.4 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.15 <i>U</i>	0.14 <i>U</i>	0.17 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.25 <i>U</i>	0.25 <i>U</i>	0.29 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.25 <i>U</i>	0.25 <i>U</i>	0.29 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.13 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.12 <i>U</i>	0.12 <i>U</i>	0.14 <i>U</i>
4-Nitroaniline	100-01-6						0.54 <i>U</i>	0.53 <i>U</i>	0.62 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			0.72 <i>U</i>	0.71 <i>U</i>	0.83 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1 <i>U</i>	1 <i>U</i>	1.2 <i>U</i>
Atrazine	1912-24-9						0.36 <i>U</i>	0.35 <i>U</i>	0.41 <i>UJ</i>
Acetophenone	98-86-2						0.14 <i>U</i>	0.14 <i>U</i>	0.16 <i>UJ</i>
Benzaldehyde	100-52-7						0.82 <i>U</i>	0.81 <i>U</i>	0.94 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.13 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.22 <i>U</i>	0.22 <i>U</i>	0.25 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.35 <i>U</i>	0.35 <i>U</i>	0.4 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.17 <i>U</i>	0.17 <i>U</i>	0.19 <i>UJ</i>
Carbazole	86-74-8						0.12 <i>U</i>	0.12 <i>U</i>	0.14 <i>UJ</i>
Caprolactam	105-60-2						0.31 <i>U</i>	0.31 <i>U</i>	0.36 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.18 <i>U</i>	0.17 <i>U</i>	0.2 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.12 <i>U</i>	0.12 <i>U</i>	0.14 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.12 <i>U</i>	0.12 <i>U</i>	0.14 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.13 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.12 <i>U</i>	0.12 <i>U</i>	0.14 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.14 <i>U</i>	0.14 <i>U</i>	0.16 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.15 <i>U</i>	0.15 <i>U</i>	0.17 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.14 <i>U</i>	0.14 <i>U</i>	0.16 <i>UJ</i>
Hexachloroethane	67-72-1						0.13 <i>U</i>	0.13 <i>U</i>	0.15 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.22 <i>U</i>	0.22 <i>U</i>	0.25 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SB-23	SB-23	SHL-36
							FDUP_011124 01/11/2024	SB-23-(0-6) 01/11/2024	SHL-36-(0-6) 01/09/2024
N-Nitrosodi-n-propylamine	621-64-7						0.18 <i>U</i>	0.17 <i>U</i>	0.2 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				0.84 <i>U</i>	0.83 <i>U</i>	0.96 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.12 <i>U</i>	0.11 <i>U</i>	0.13 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.0065 <i>UJ</i>	0.0064 <i>U</i>	1.2 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.16 <i>U</i>	0.16 <i>U</i>	0.18 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19				
1,1-Dichloroethene	75-35-4	0.33		0.33	100				
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100				
1,1,1,2-Tetrachloroethane	630-20-6								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100				
1,1,2-Trichloroethane	79-00-5								
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35				
1,2-Dibromo-3-chloropropane	96-12-8								
1,2-Dibromoethane	106-93-4								
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100				
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3				
1,2-Dichloropropane	78-87-5		700						
1,2,4-Trichlorobenzene	120-82-1		20	3.4					
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47				
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17				
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47				
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8				
2-Butanone	78-93-3	0.12	100	0.3	100				
2-Hexanone	591-78-6								
4-Methyl-2-pentanone	108-10-1			1					
Acetone	67-64-1	0.05	2.2	0.05	100				
Benzene	71-43-2	0.06	70	0.06	2.9				
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon disulfide	75-15-0			2.7	100				
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4				
Chlorobenzene	108-90-7	1.1	40	1.1	100				
Chloroethane	75-00-3			1.9					
Chloroform	67-66-3	0.37	12	0.37	10				
Chloromethane	74-87-3								
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59				
cis-1,3-Dichloropropene	10061-01-5								
Cyclohexane	110-82-7								
Dibromochloromethane	124-48-1		10						
Dichlorodifluoromethane	75-71-8								
Ethylbenzene	100-41-4	1		1	30				
Isopropylbenzene	98-82-8			2.3	100				
m,p-Xylene	179601-23-1								
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62				
Methyl Acetate	79-20-9								

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SB-23	SB-23	SHL-36
						Sample ID	FDUP_011124	SB-23-(0-6)	SHL-36-(0-6)
						Sample Date	01/11/2024	01/11/2024	01/09/2024
Methylcyclohexane	108-87-2								
Methylene Chloride	75-09-2	0.05	12	0.05	51				
n-Butylbenzene	104-51-8	12		12	100				
n-Propylbenzene	103-65-1	3.9		3.9	100				
o-Xylene	95-47-6								
sec-Butylbenzene	135-98-8	11		11	100				
Styrene	100-42-5		300						
tert-Butylbenzene	98-06-6	5.9		5.9	100				
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5				
Toluene	108-88-3	0.7	36	0.7	100				
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100				
trans-1,3-Dichloropropene	10061-02-6								
Trichloroethylene	79-01-6	0.47	2	0.47	10				
Trichlorofluoromethane	75-69-4								
Vinyl Chloride	75-01-4	0.02		0.02	0.21				
Xylenes	1330-20-7	0.26	0.26	1.6	100				

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-36	SHL-36	SHL-37
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SHL-36-(12-24)	SHL-36-(6-12)	SHL-37-(0-6)
				Groundwater ^{b,c,e}		Sample Date	01/09/2024	01/09/2024	01/09/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.54 <i>U</i>	0.56 <i>U</i>	0.51 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100				0.012 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100				0.0061 <i>U</i>
Dichlorprop	120-36-5								0.0095 <i>U</i>
Picloram	1918-02-1								0.0082 <i>U</i>
Silvex	93-72-1	3.8		3.8	58				0.0068 <i>U</i>
Metals (mg/kg)									
Aluminum	7429-90-5		10000				10600 <i>J</i>	10900 <i>J</i>	13700 <i>J</i>
Antimony	7440-36-0		12				3.8 <i>J</i>	3.2 <i>J</i>	3.5 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		9.3	8.8	7.2
Barium	7440-39-3	350	433	820	350		104 <i>J</i>	88.1 <i>J</i>	108 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.51	0.51	0.59
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.41	0.43	0.23
Calcium	7440-70-2		10000				1570 <i>J</i>	1440 <i>J</i>	1950 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		12.4 <i>J</i>	12.4 <i>J</i>	15.5 <i>J</i>
Cobalt	7440-48-4		20		30		7.8	7.7	9.1
Copper	7440-50-8	50	50	1720	270		12.5 <i>J</i>	13.5 <i>J</i>	20.3 <i>J</i>
Iron	7439-89-6				2000		14800	15300	18000
Lead	7439-92-1	63	63	450	400		92.8 <i>J</i>	95 <i>J</i>	54.9 <i>J</i>
Magnesium	7439-95-4						2410 <i>J</i>	2390 <i>J</i>	2870 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		455 <i>J</i>	411 <i>J</i>	490 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.19 <i>J</i>	0.052 <i>J</i>	0.069 <i>J</i>
Nickel	7440-02-0	30	30	130	140		18.4 <i>J</i>	17.8 <i>J</i>	21.6 <i>J</i>
Potassium	7440-09-7						1310	1390	1730
Selenium	7782-49-2	3.9	3.9	4	36		0.68 <i>J</i>	0.82 <i>J</i>	0.85 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.3 <i>J</i>	0.33 <i>J</i>	0.23 <i>U</i>
Sodium	7440-23-5						35.7 <i>J</i>	34.9 <i>J</i>	39.6 <i>J</i>
Thallium	7440-28-0		5				0.36 <i>U</i>	0.36 <i>U</i>	0.35 <i>U</i>
Vanadium	7440-62-2		39		100		15.6	16.1	20.4
Zinc	7440-66-6	109	109	2480	2200		65.1 <i>J</i>	78 <i>J</i>	90.3 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2								0.0056 <i>U</i>
Barium	7440-39-3								0.44 <i>J</i>
Cadmium	7440-43-9								0.00089 <i>J</i>
Chromium	7440-47-3								0.01 <i>U</i>
Lead	7439-92-1								0.0063 <i>J</i>
Mercury	7439-97-6								0.000043 <i>U</i>
Selenium	7782-49-2								0.0087 <i>U</i>
Silver	7440-22-4								0.0017 <i>U</i>

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-36	SHL-36	SHL-37
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SHL-36-(12-24)	SHL-36-(6-12)	SHL-37-(0-6)
				Groundwater ^{b,c,e}		Sample Date	01/09/2024	01/09/2024	01/09/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9								0.00013 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7								0.00011 U
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9								0.000028 U
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3								0.0004 U
3:3 perfluorohexanoic acid	356-02-5								0.0002 U
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4								0.00009 U
4:2 fluorotelomer sulfonate	757124-72-4								0.000085 U
6:2 Fluorotelomer sulfonic acid	27619-97-2								0.00054 U
7:3 FTCA	812-70-4								0.00034 U
8:2 Fluorotelomer sulfonic acid	39108-34-4								0.00013 U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1								0.000057 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6								0.0001 U
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2								0.00012 UJ
N-ethylperfluoro-1-octanesulfonamide	4151-50-2								0.000034 UJ
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6								0.000027 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8								0.000027 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6								0.000053 U
Perfluoro-3-methoxypropanoic acid	377-73-1								0.0001 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7								0.000044 U
Perfluoro(4-methoxybutanoic) acid	863090-89-5								0.000021 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5								0.000016 U
Perfluorobutanoic acid	375-22-4								0.0001 J
Perfluorodecanesulfonic acid (PFDS)	335-77-3								0.000022 U
Perfluorodecanoic acid	335-76-2								0.000083 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5								0.000019 U
Perfluorododecanoic Acid	307-55-1								0.000062 UJ
Perfluoroheptanesulfonic acid	375-92-8								0.000031 U
Perfluoroheptanoic acid	375-85-9								0.000067 J
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4								0.000022 U
Perfluorohexanoic acid	307-24-4								0.000023 U
Perfluorononanesulfonic acid	68259-12-1								0.000031 U
Perfluorononanoic acid	375-95-1								0.00012 J
Perfluorooctanesulfonamide (PFOSA)	754-91-6								0.000013 U
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088				0.00024
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066				0.000098 J
Perfluoropentanesulfonic acid	2706-91-4								0.000014 U
Perfluoropentanoic Acid	2706-90-3								0.000036 J
Perfluorotetradecanoic Acid	376-06-7								0.000019 UJ
Perfluorotridecanoic Acid	72629-94-8								0.000031 UJ
Perfluoroundecanoic Acid	2058-94-8								0.000054 J

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-36	SHL-36	SHL-37
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-36-(12-24) 01/09/2024	SHL-36-(6-12) 01/09/2024	SHL-37-(0-6) 01/09/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6				0.0019 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8				0.002 <i>U</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7				0.0037 <i>J</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.019				0.0024 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097				0.0017 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	0.072				0.0017 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91				0.0048 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	100				0.0018 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	0.039				0.0023 <i>U</i>
Endosulfan I	959-98-8	2.4		102	4.8				0.0018 <i>U</i>
Endosulfan II	33213-65-9	2.4		102	4.8				0.0017 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	4.8				0.0018 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	2.2				0.0019 <i>U</i>
Endrin aldehyde	7421-93-4								0.0024 <i>U</i>
Endrin ketone	53494-70-5								0.0024 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28				0.0018 <i>U</i>
gamma-Chlordane	5566-34-7			14	0.54				0.003 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	0.42				0.0021 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02	0.077				0.0025 <i>U</i>
Methoxychlor	72-43-5		1.2	900	100				0.0019 <i>U</i>
Toxaphene	8001-35-2								0.056 <i>U</i>
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM								46.1 <i>U</i>
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1				0.045 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1				0.045 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1				0.045 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1				0.045 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1				0.045 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1				0.11 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1				0.11 <i>U</i>
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.2 <i>UJ</i>	0.041 <i>UJ</i>	0.039 <i>UJ</i>
Acenaphthene	83-32-9	20	20	98	100		0.15 <i>UJ</i>	0.03 <i>UJ</i>	0.029 <i>UJ</i>
Acenaphthylene	208-96-8	100		107	100		0.19 <i>J</i>	0.058 <i>J</i>	0.029 <i>J</i>
Anthracene	120-12-7	100		1000	100		0.25 <i>UJ</i>	0.051 <i>UJ</i>	0.048 <i>UJ</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.1 <i>UJ</i>	0.051 <i>J</i>	0.12 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.2 <i>J</i>	0.075 <i>J</i>	0.14 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.16 <i>UJ</i>	0.068 <i>J</i>	0.15 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.21 <i>J</i>	0.056 <i>J</i>	0.082 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.13 <i>UJ</i>	0.037 <i>J</i>	0.087 <i>J</i>
Chrysene	218-01-9	1		1	1		0.23 <i>UJ</i>	0.053 <i>J</i>	0.13 <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.18 <i>UJ</i>	0.036 <i>UJ</i>	0.034 <i>UJ</i>
Fluoranthene	206-44-0	100		1000	100		0.11 <i>UJ</i>	0.093 <i>J</i>	0.2 <i>J</i>
Fluorene	86-73-7	30	30	386	100		0.12 <i>UJ</i>	0.024 <i>UJ</i>	0.023 <i>UJ</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.15 <i>J</i>	0.046 <i>J</i>	0.074 <i>J</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-36	SHL-36	SHL-37
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-36-(12-24) 01/09/2024	SHL-36-(6-12) 01/09/2024	SHL-37-(0-6) 01/09/2024
Naphthalene	91-20-3	12		12	100		0.13 <i>UJ</i>	0.027 <i>UJ</i>	0.025 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.15 <i>UJ</i>	0.048 <i>J</i>	0.063 <i>J</i>
Pyrene	129-00-0	100		1000	100		0.13 <i>J</i>	0.075 <i>J</i>	0.14 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.15 <i>UJ</i>	0.03 <i>UJ</i>	0.029 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8				0.063 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8		100		0.18 <i>U</i>	0.038 <i>U</i>	0.035 <i>U</i>
2-Chloronaphthalene	91-58-7						0.17 <i>UJ</i>	0.034 <i>UJ</i>	0.032 <i>UJ</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.12 <i>U</i>	0.024 <i>U</i>	0.023 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.15 <i>UJ</i>	0.03 <i>UJ</i>	0.029 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.29 <i>U</i>	0.058 <i>U</i>	0.055 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.2 <i>UJ</i>	0.041 <i>UJ</i>	0.039 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.11 <i>U</i>	0.022 <i>U</i>	0.021 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.24 <i>U</i>	0.05 <i>U</i>	0.047 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		4.7 <i>U</i>	0.95 <i>U</i>	0.9 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.21 <i>UJ</i>	0.042 <i>UJ</i>	0.04 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.27 <i>U</i>	0.056 <i>U</i>	0.053 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.2 <i>U</i>	0.041 <i>U</i>	0.039 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.12 <i>UJ</i>	0.024 <i>UJ</i>	0.023 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.28 <i>UJ</i>	0.057 <i>UJ</i>	0.054 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						1.2 <i>UJ</i>	0.24 <i>UJ</i>	0.23 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.14 <i>UJ</i>	0.029 <i>UJ</i>	0.027 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.25 <i>U</i>	0.051 <i>U</i>	0.048 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.25 <i>UJ</i>	0.051 <i>UJ</i>	0.048 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.13 <i>UJ</i>	0.025 <i>UJ</i>	0.024 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.12 <i>U</i>	0.024 <i>U</i>	0.023 <i>U</i>
4-Nitroaniline	100-01-6						0.53 <i>UJ</i>	0.11 <i>UJ</i>	0.1 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			0.71 <i>U</i>	0.14 <i>U</i>	0.14 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						1 <i>U</i>	0.21 <i>U</i>	0.19 <i>U</i>
Atrazine	1912-24-9						0.35 <i>UJ</i>	0.071 <i>UJ</i>	0.067 <i>UJ</i>
Acetophenone	98-86-2						0.14 <i>UJ</i>	0.028 <i>UJ</i>	0.026 <i>UJ</i>
Benzaldehyde	100-52-7						0.8 <i>UJ</i>	0.16 <i>UJ</i>	0.15 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.13 <i>UJ</i>	0.027 <i>UJ</i>	0.025 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.21 <i>UJ</i>	0.044 <i>UJ</i>	0.041 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.35 <i>UJ</i>	0.07 <i>UJ</i>	0.066 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.17 <i>UJ</i>	0.034 <i>UJ</i>	0.032 <i>UJ</i>
Carbazole	86-74-8						0.12 <i>UJ</i>	0.024 <i>UJ</i>	0.023 <i>UJ</i>
Caprolactam	105-60-2						0.3 <i>UJ</i>	0.062 <i>UJ</i>	0.058 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.17 <i>UJ</i>	0.035 <i>UJ</i>	0.033 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.12 <i>UJ</i>	0.024 <i>UJ</i>	0.023 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.12 <i>UJ</i>	0.024 <i>UJ</i>	0.023 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.13 <i>UJ</i>	0.027 <i>UJ</i>	0.025 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.12 <i>UJ</i>	0.024 <i>UJ</i>	0.023 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.14 <i>UJ</i>	0.028 <i>UJ</i>	0.026 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.15 <i>UJ</i>	0.03 <i>UJ</i>	0.029 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.14 <i>UJ</i>	0.028 <i>UJ</i>	0.026 <i>UJ</i>
Hexachloroethane	67-72-1						0.13 <i>UJ</i>	0.027 <i>UJ</i>	0.025 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.21 <i>UJ</i>	0.044 <i>UJ</i>	0.041 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-36	SHL-36	SHL-37
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-36-(12-24) 01/09/2024	SHL-36-(6-12) 01/09/2024	SHL-37-(0-6) 01/09/2024
N-Nitrosodi-n-propylamine	621-64-7						0.17 <i>UJ</i>	0.035 <i>UJ</i>	0.033 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				0.82 <i>UJ</i>	0.17 <i>UJ</i>	0.16 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.11 <i>UJ</i>	0.023 <i>UJ</i>	0.022 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		1 <i>U</i>	0.21 <i>U</i>	0.0062 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.15 <i>U</i>	0.031 <i>U</i>	0.03 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19				0.00054 <i>U</i>
1,1-Dichloroethene	75-35-4	0.33		0.33	100				0.00054 <i>U</i>
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100				0.00032 <i>U</i>
1,1,1,2-Tetrachloroethane	630-20-6								0.00044 <i>U</i>
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100				0.001 <i>U</i>
1,1,2-Trichloroethane	79-00-5								0.00057 <i>U</i>
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35				0.00071 <i>U</i>
1,2-Dibromo-3-chloropropane	96-12-8								0.0022 <i>U</i>
1,2-Dibromoethane	106-93-4								0.00057 <i>U</i>
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100				0.00034 <i>U</i>
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3				0.00022 <i>U</i>
1,2-Dichloropropane	78-87-5		700						0.0022 <i>U</i>
1,2,4-Trichlorobenzene	120-82-1		20	3.4					0.00027 <i>U</i>
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47				0.00085 <i>U</i>
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17				0.00023 <i>U</i>
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47				0.00028 <i>U</i>
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8				0.00062 <i>U</i>
2-Butanone	78-93-3	0.12	100	0.3	100				0.0016 <i>U</i>
2-Hexanone	591-78-6								0.0022 <i>U</i>
4-Methyl-2-pentanone	108-10-1			1					0.0014 <i>U</i>
Acetone	67-64-1	0.05	2.2	0.05	100				0.0037 <i>U</i>
Benzene	71-43-2	0.06	70	0.06	2.9				0.00022 <i>U</i>
Bromodichloromethane	75-27-4								0.00059 <i>U</i>
Bromoform	75-25-2								0.0022 <i>U</i>
Bromomethane	74-83-9								0.0004 <i>U</i>
Carbon disulfide	75-15-0			2.7	100				0.0022 <i>U</i>
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4				0.00043 <i>U</i>
Chlorobenzene	108-90-7	1.1	40	1.1	100				0.00058 <i>U</i>
Chloroethane	75-00-3			1.9					0.001 <i>U</i>
Chloroform	67-66-3	0.37	12	0.37	10				0.00027 <i>U</i>
Chloromethane	74-87-3								0.00027 <i>U</i>
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59				0.00056 <i>U</i>
cis-1,3-Dichloropropene	10061-01-5								0.00063 <i>U</i>
Cyclohexane	110-82-7								0.00062 <i>UJ</i>
Dibromochloromethane	124-48-1		10						0.00056 <i>U</i>
Dichlorodifluoromethane	75-71-8								0.00036 <i>U</i>
Ethylbenzene	100-41-4	1		1	30				0.0003 <i>U</i>
Isopropylbenzene	98-82-8			2.3	100				0.00066 <i>U</i>
m,p-Xylene	179601-23-1								0.00074 <i>U</i>
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62				0.00043 <i>U</i>
Methyl Acetate	79-20-9								0.0027 <i>U</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-36	SHL-36	SHL-37
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-36-(12-24) 01/09/2024	SHL-36-(6-12) 01/09/2024	SHL-37-(0-6) 01/09/2024
Methylcyclohexane	108-87-2								0.00067 <i>UJ</i>
Methylene Chloride	75-09-2	0.05	12	0.05	51				0.002 <i>U</i>
n-Butylbenzene	104-51-8	12		12	100				0.00038 <i>U</i>
n-Propylbenzene	103-65-1	3.9		3.9	100				0.00035 <i>U</i>
o-Xylene	95-47-6								0.00058 <i>U</i>
sec-Butylbenzene	135-98-8	11		11	100				0.00038 <i>U</i>
Styrene	100-42-5		300						0.00022 <i>U</i>
tert-Butylbenzene	98-06-6	5.9		5.9	100				0.00046 <i>U</i>
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5				0.00059 <i>U</i>
Toluene	108-88-3	0.7	36	0.7	100				0.00033 <i>U</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100				0.00045 <i>U</i>
trans-1,3-Dichloropropene	10061-02-6								0.0019 <i>U</i>
Trichloroethylene	79-01-6	0.47	2	0.47	10				0.00097 <i>U</i>
Trichlorofluoromethane	75-69-4								0.00042 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	0.21				0.00054 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	100				0.00074 <i>U</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-37	SHL-37	SHL-38
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-37-(12-24)	SHL-37-(6-12)	SHL-38-(0-6)
						Sample Date	01/09/2024	01/09/2024	01/09/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.55 <i>U</i>	0.53 <i>U</i>	0.61 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100				
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100				
Dichlorprop	120-36-5								
Picloram	1918-02-1								
Silvex	93-72-1	3.8		3.8	58				
Metals (mg/kg)									
Aluminum	7429-90-5		10000				15700 <i>J</i>	15200 <i>J</i>	11100 <i>J</i>
Antimony	7440-36-0		12				4.2 <i>J</i>	3.4 <i>J</i>	3.4 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		7.8	8	7.5
Barium	7440-39-3	350	433	820	350		104 <i>J</i>	122 <i>J</i>	87.5 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.67	0.68	0.6
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.69	0.29	0.42
Calcium	7440-70-2		10000				5010 <i>J</i>	2440 <i>J</i>	1350 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		16.3 <i>J</i>	17.6 <i>J</i>	14.9 <i>J</i>
Cobalt	7440-48-4		20		30		10	9.8	8.2
Copper	7440-50-8	50	50	1720	270		39.2 <i>J</i>	21.9 <i>J</i>	13.2 <i>J</i>
Iron	7439-89-6				2000		20700	18700	14300
Lead	7439-92-1	63	63	450	400		157 <i>J</i>	96.8 <i>J</i>	79.8 <i>J</i>
Magnesium	7439-95-4						3930 <i>J</i>	3320 <i>J</i>	2360 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		472 <i>J</i>	649 <i>J</i>	420 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.075 <i>J</i>	0.26 <i>J</i>	0.087 <i>J</i>
Nickel	7440-02-0	30	30	130	140		25.4 <i>J</i>	23.8 <i>J</i>	18.6 <i>J</i>
Potassium	7440-09-7						1540	1950	1480
Selenium	7782-49-2	3.9	3.9	4	36		0.61 <i>J</i>	0.85 <i>J</i>	0.85 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.24 <i>U</i>	0.25 <i>U</i>	0.27 <i>U</i>
Sodium	7440-23-5						51.7 <i>J</i>	61.1 <i>J</i>	31.9 <i>J</i>
Thallium	7440-28-0		5				0.36 <i>U</i>	0.41 <i>J</i>	0.4 <i>U</i>
Vanadium	7440-62-2		39		100		20.7	22.8	15.7
Zinc	7440-66-6	109	109	2480	2200		100 <i>J</i>	93.3 <i>J</i>	62.7 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2								
Barium	7440-39-3								
Cadmium	7440-43-9								
Chromium	7440-47-3								
Lead	7439-92-1								
Mercury	7439-97-6								
Selenium	7782-49-2								
Silver	7440-22-4								

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-37	SHL-37	SHL-38
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SHL-37-(12-24)	SHL-37-(6-12)	SHL-38-(0-6)
				Groundwater ^{b,c,e}		Sample Date	01/09/2024	01/09/2024	01/09/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9								
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7								
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9								
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3								
3:3 perfluorohexanoic acid	356-02-5								
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4								
4:2 fluorotelomer sulfonate	757124-72-4								
6:2 Fluorotelomer sulfonic acid	27619-97-2								
7:3 FTCA	812-70-4								
8:2 Fluorotelomer sulfonic acid	39108-34-4								
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1								
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6								
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2								
N-ethylperfluoro-1-octanesulfonamide	4151-50-2								
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6								
N-methylperfluoro-1-octanesulfonamide	31506-32-8								
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6								
Perfluoro-3-methoxypropanoic acid	377-73-1								
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7								
Perfluoro(4-methoxybutanoic) acid	863090-89-5								
Perfluorobutanesulfonic acid (PFBS)	375-73-5								
Perfluorobutanoic acid	375-22-4								
Perfluorodecanesulfonic acid (PFDS)	335-77-3								
Perfluorodecanoic acid	335-76-2								
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5								
Perfluorododecanoic Acid	307-55-1								
Perfluoroheptanesulfonic acid	375-92-8								
Perfluoroheptanoic acid	375-85-9								
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4								
Perfluorohexanoic acid	307-24-4								
Perfluorononanesulfonic acid	68259-12-1								
Perfluorononanoic acid	375-95-1								
Perfluorooctanesulfonamide (PFOSA)	754-91-6								
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088				
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066				
Perfluoropentanesulfonic acid	2706-91-4								
Perfluoropentanoic Acid	2706-90-3								
Perfluorotetradecanoic Acid	376-06-7								
Perfluorotridecanoic Acid	72629-94-8								
Perfluoroundecanoic Acid	2058-94-8								

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-37	SHL-37	SHL-38
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-37-(12-24) 01/09/2024	SHL-37-(6-12) 01/09/2024	SHL-38-(0-6) 01/09/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6				
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8				
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7				
Aldrin	309-00-2	0.005	0.14	0.19	0.019				
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097				
beta-BHC	319-85-7	0.036	0.6	0.09	0.072				
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91				
delta-BHC	319-86-8	0.04	0.04	0.25	100				
Dieldrin	60-57-1	0.005	0.006	0.1	0.039				
Endosulfan I	959-98-8	2.4		102	4.8				
Endosulfan II	33213-65-9	2.4		102	4.8				
Endosulfan sulfate	1031-07-8	2.4		1000	4.8				
Endrin	72-20-8	0.014	0.014	0.06	2.2				
Endrin aldehyde	7421-93-4								
Endrin ketone	53494-70-5								
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28				
gamma-Chlordane	5566-34-7			14	0.54				
Heptachlor	76-44-8	0.042	0.14	0.38	0.42				
Heptachlor epoxide	1024-57-3			0.02	0.077				
Methoxychlor	72-43-5		1.2	900	100				
Toxaphene	8001-35-2								
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM								
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1				
Aroclor 1221	11104-28-2	0.1	1	3.2	1				
Aroclor 1232	11141-16-5	0.1	1	3.2	1				
Aroclor 1242	53469-21-9	0.1	1	3.2	1				
Aroclor 1248	12672-29-6	0.1	1	3.2	1				
Aroclor 1254	11097-69-1	0.1	1	3.2	1				
Aroclor 1260	11096-82-5	0.1	1	3.2	1				
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.4 U	0.041 UJ	0.044 UJ
Acenaphthene	83-32-9	20	20	98	100		0.29 U	0.03 UJ	0.033 UJ
Acenaphthylene	208-96-8	100		107	100		0.26 U	0.043 J	0.029 UJ
Anthracene	120-12-7	100		1000	100		0.49 U	0.051 UJ	0.055 UJ
Benzo[a]anthracene	56-55-3	1		1	1		0.2 U	0.13 J	0.054 J
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.3 J	0.16 J	0.07 J
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.32 U	0.18 J	0.12 J
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.22 J	0.11 J	0.052 J
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.26 U	0.1 J	0.06 J
Chrysene	218-01-9	1		1	1		0.45 U	0.14 J	0.09 J
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.35 U	0.036 UJ	0.039 UJ
Fluoranthene	206-44-0	100		1000	100		0.47 J	0.24 J	0.13 J
Fluorene	86-73-7	30	30	386	100		0.23 U	0.024 UJ	0.026 UJ
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.25 U	0.097 J	0.048 J

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-37	SHL-37	SHL-38
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-37-(12-24) 01/09/2024	SHL-37-(6-12) 01/09/2024	SHL-38-(0-6) 01/09/2024
Naphthalene	91-20-3	12		12	100		0.26 <i>U</i>	0.027 <i>UJ</i>	0.029 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.29 <i>J</i>	0.085 <i>J</i>	0.048 <i>J</i>
Pyrene	129-00-0	100		1000	100		0.32 <i>J</i>	0.18 <i>J</i>	0.085 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.29 <i>U</i>	0.03 <i>UJ</i>	0.033 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8				
2-Chlorophenol	95-57-8		0.8		100		0.36 <i>U</i>	0.037 <i>U</i>	0.04 <i>U</i>
2-Chloronaphthalene	91-58-7						0.33 <i>U</i>	0.034 <i>UJ</i>	0.036 <i>UJ</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.23 <i>U</i>	0.024 <i>U</i>	0.026 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.29 <i>U</i>	0.03 <i>UJ</i>	0.033 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.56 <i>U</i>	0.058 <i>U</i>	0.063 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.4 <i>U</i>	0.041 <i>UJ</i>	0.044 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.21 <i>U</i>	0.022 <i>U</i>	0.023 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.48 <i>U</i>	0.05 <i>U</i>	0.053 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		9.2 <i>U</i>	0.95 <i>U</i>	1 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.41 <i>U</i>	0.042 <i>UJ</i>	0.046 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.54 <i>U</i>	0.056 <i>U</i>	0.06 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.4 <i>U</i>	0.041 <i>U</i>	0.044 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.23 <i>U</i>	0.024 <i>UJ</i>	0.026 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.55 <i>U</i>	0.057 <i>UJ</i>	0.061 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						2.3 <i>U</i>	0.24 <i>UJ</i>	0.26 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.28 <i>U</i>	0.029 <i>UJ</i>	0.031 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.49 <i>U</i>	0.051 <i>U</i>	0.055 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.49 <i>U</i>	0.051 <i>UJ</i>	0.055 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.25 <i>U</i>	0.025 <i>UJ</i>	0.027 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.23 <i>U</i>	0.024 <i>U</i>	0.026 <i>U</i>
4-Nitroaniline	100-01-6						1 <i>U</i>	0.11 <i>UJ</i>	0.12 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			1.4 <i>U</i>	0.14 <i>U</i>	0.16 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>
Atrazine	1912-24-9						0.69 <i>U</i>	0.071 <i>UJ</i>	0.077 <i>UJ</i>
Acetophenone	98-86-2						0.27 <i>U</i>	0.028 <i>UJ</i>	0.03 <i>UJ</i>
Benzaldehyde	100-52-7						1.6 <i>U</i>	0.16 <i>UJ</i>	0.18 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.26 <i>U</i>	0.027 <i>UJ</i>	0.029 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.42 <i>U</i>	0.043 <i>UJ</i>	0.047 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.68 <i>U</i>	0.07 <i>UJ</i>	0.076 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.33 <i>U</i>	0.034 <i>UJ</i>	0.036 <i>UJ</i>
Carbazole	86-74-8						0.23 <i>U</i>	0.024 <i>UJ</i>	0.026 <i>UJ</i>
Caprolactam	105-60-2						0.6 <i>U</i>	0.062 <i>UJ</i>	0.066 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.34 <i>U</i>	0.035 <i>UJ</i>	0.038 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.23 <i>U</i>	0.024 <i>UJ</i>	0.026 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.23 <i>U</i>	0.024 <i>UJ</i>	0.026 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.26 <i>U</i>	0.027 <i>UJ</i>	0.029 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.23 <i>U</i>	0.024 <i>UJ</i>	0.026 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.27 <i>U</i>	0.028 <i>UJ</i>	0.03 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.29 <i>U</i>	0.03 <i>UJ</i>	0.033 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.27 <i>U</i>	0.028 <i>UJ</i>	0.03 <i>UJ</i>
Hexachloroethane	67-72-1						0.26 <i>U</i>	0.027 <i>UJ</i>	0.029 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.42 <i>U</i>	0.043 <i>UJ</i>	0.047 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-37	SHL-37	SHL-38
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-37-(12-24) 01/09/2024	SHL-37-(6-12) 01/09/2024	SHL-38-(0-6) 01/09/2024
N-Nitrosodi-n-propylamine	621-64-7						0.34 <i>U</i>	0.035 <i>UJ</i>	0.038 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				1.6 <i>U</i>	0.17 <i>UJ</i>	0.18 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.22 <i>U</i>	0.023 <i>UJ</i>	0.025 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		2 <i>U</i>	0.21 <i>U</i>	0.22 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.31 <i>U</i>	0.031 <i>U</i>	0.034 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19				
1,1-Dichloroethene	75-35-4	0.33		0.33	100				
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100				
1,1,1,2-Tetrachloroethane	630-20-6								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100				
1,1,2-Trichloroethane	79-00-5								
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35				
1,2-Dibromo-3-chloropropane	96-12-8								
1,2-Dibromoethane	106-93-4								
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100				
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3				
1,2-Dichloropropane	78-87-5		700						
1,2,4-Trichlorobenzene	120-82-1		20	3.4					
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47				
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17				
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47				
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8				
2-Butanone	78-93-3	0.12	100	0.3	100				
2-Hexanone	591-78-6								
4-Methyl-2-pentanone	108-10-1			1					
Acetone	67-64-1	0.05	2.2	0.05	100				
Benzene	71-43-2	0.06	70	0.06	2.9				
Bromodichloromethane	75-27-4								
Bromoform	75-25-2								
Bromomethane	74-83-9								
Carbon disulfide	75-15-0			2.7	100				
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4				
Chlorobenzene	108-90-7	1.1	40	1.1	100				
Chloroethane	75-00-3			1.9					
Chloroform	67-66-3	0.37	12	0.37	10				
Chloromethane	74-87-3								
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59				
cis-1,3-Dichloropropene	10061-01-5								
Cyclohexane	110-82-7								
Dibromochloromethane	124-48-1		10						
Dichlorodifluoromethane	75-71-8								
Ethylbenzene	100-41-4	1		1	30				
Isopropylbenzene	98-82-8			2.3	100				
m,p-Xylene	179601-23-1								
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62				
Methyl Acetate	79-20-9								

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SHL-37	SHL-37	SHL-38
						Sample ID Sample Date	SHL-37-(12-24) 01/09/2024	SHL-37-(6-12) 01/09/2024	SHL-38-(0-6) 01/09/2024
Methylcyclohexane	108-87-2								
Methylene Chloride	75-09-2	0.05	12	0.05	51				
n-Butylbenzene	104-51-8	12		12	100				
n-Propylbenzene	103-65-1	3.9		3.9	100				
o-Xylene	95-47-6								
sec-Butylbenzene	135-98-8	11		11	100				
Styrene	100-42-5		300						
tert-Butylbenzene	98-06-6	5.9		5.9	100				
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5				
Toluene	108-88-3	0.7	36	0.7	100				
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100				
trans-1,3-Dichloropropene	10061-02-6								
Trichloroethylene	79-01-6	0.47	2	0.47	10				
Trichlorofluoromethane	75-69-4								
Vinyl Chloride	75-01-4	0.02		0.02	0.21				
Xylenes	1330-20-7	0.26	0.26	1.6	100				

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-38	SHL-38	SHL-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-38-(12-24) 01/09/2024	SHL-38-(6-12) 01/09/2024	FDUP_010924 01/09/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.52 <i>U</i>	0.55 <i>U</i>	0.5 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100			0.013 <i>U</i>	0.012 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100			0.0067 <i>U</i>	0.0061 <i>U</i>
Dichlorprop	120-36-5							0.01 <i>U</i>	0.0095 <i>U</i>
Picloram	1918-02-1							0.009 <i>U</i>	0.0082 <i>U</i>
Silvex	93-72-1	3.8		3.8	58			0.0075 <i>U</i>	0.0069 <i>U</i>
Metals (mg/kg)									
Aluminum	7429-90-5		10000				3190 <i>J</i>	5630 <i>J</i>	15700 <i>J</i>
Antimony	7440-36-0		12				157 <i>J</i>	3.6 <i>J</i>	4.9 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		179	25.4	11.7
Barium	7440-39-3	350	433	820	350		1030 <i>J</i>	77.1 <i>J</i>	182 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.81	0.73	0.59
Cadmium	7440-43-9	2.5	4	7.5	2.5		6.9	0.79	0.033 <i>U</i>
Calcium	7440-70-2		10000				9370 <i>J</i>	3100 <i>J</i>	1960 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		17.5 <i>J</i>	24.1 <i>J</i>	18 <i>J</i>
Cobalt	7440-48-4		20		30		2.9	8	11.5
Copper	7440-50-8	50	50	1720	270		63.5 <i>J</i>	40.1 <i>J</i>	22 <i>J</i>
Iron	7439-89-6				2000		8040	9600	27200
Lead	7439-92-1	63	63	450	400		22700 <i>J</i>	212 <i>J</i>	47.8 <i>J</i>
Magnesium	7439-95-4						1380 <i>J</i>	1430 <i>J</i>	3370 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		117 <i>J</i>	246 <i>J</i>	443 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.54 <i>J</i>	0.054 <i>J</i>	0.1 <i>J</i>
Nickel	7440-02-0	30	30	130	140		23.9 <i>J</i>	19.8 <i>J</i>	23.9 <i>J</i>
Potassium	7440-09-7						532	755	1600
Selenium	7782-49-2	3.9	3.9	4	36		1.7 <i>J</i>	1.1 <i>J</i>	0.51 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.24 <i>U</i>	0.25 <i>U</i>	0.4 <i>J</i>
Sodium	7440-23-5						1270 <i>J</i>	143 <i>J</i>	173 <i>J</i>
Thallium	7440-28-0		5				3.6 <i>U</i>	0.37 <i>U</i>	0.33 <i>U</i>
Vanadium	7440-62-2		39		100		6.2	17.1	23.7
Zinc	7440-66-6	109	109	2480	2200		191 <i>J</i>	41.8 <i>J</i>	81.3 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2							0.0064 <i>J</i>	0.0056 <i>U</i>
Barium	7440-39-3							0.77 <i>J</i>	0.81 <i>J</i>
Cadmium	7440-43-9							0.0056 <i>J</i>	0.00086 <i>J</i>
Chromium	7440-47-3							0.01 <i>U</i>	0.01 <i>U</i>
Lead	7439-92-1							0.16 <i>J</i>	0.023 <i>J</i>
Mercury	7439-97-6							0.000043 <i>U</i>	0.000043 <i>U</i>
Selenium	7782-49-2							0.0087 <i>U</i>	0.0087 <i>U</i>
Silver	7440-22-4							0.0017 <i>U</i>	0.0017 <i>U</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-38	SHL-38	SHL-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SHL-38-(12-24)	SHL-38-(6-12)	FDUP_010924
				Groundwater ^{b,c,e}		Sample Date	01/09/2024	01/09/2024	01/09/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00015 U	0.00012 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00012 U	0.000099 U
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.00003 U	0.000025 U
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.00045 U	0.00036 U
3:3 perfluorohexanoic acid	356-02-5							0.00021 U	0.00018 U
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.000099 U	0.000081 U
4:2 fluorotelomer sulfonate	757124-72-4							0.000094 U	0.000077 U
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.00059 U	0.00048 U
7:3 FTCA	812-70-4							0.00037 U	0.00031 U
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00014 UJ	0.00012 U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.000062 U	0.000051 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.00011 U	0.000094 U
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00013 UJ	0.00011 UJ
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000038 UJ	0.000031 UJ
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000029 U	0.000024 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000029 U	0.000024 UJ
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.000059 U	0.000048 U
Perfluoro-3-methoxypropanoic acid	377-73-1							0.00011 U	0.000091 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.000049 U	0.00004 U
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.000023 U	0.000019 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000017 U	0.000014 U
Perfluorobutanoic acid	375-22-4							0.000087 J	0.000037 U
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000024 U	0.00002 U
Perfluorodecanoic acid	335-76-2							0.000091 U	0.000075 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000021 U	0.000017 U
Perfluorododecanoic Acid	307-55-1							0.000068 U	0.000056 U
Perfluoroheptanesulfonic acid	375-92-8							0.000034 U	0.000028 U
Perfluoroheptanoic acid	375-85-9							0.000058 J	0.000022 U
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000024 U	0.00002 U
Perfluorohexanoic acid	307-24-4							0.000026 U	0.000021 U
Perfluorononanesulfonic acid	68259-12-1							0.000034 U	0.000028 U
Perfluorononanoic acid	375-95-1							0.000055 J	0.000012 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.000015 U	0.000012 U
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088			0.0002 J	0.000065 J
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066			0.00015 J	0.000042 U
Perfluoropentanesulfonic acid	2706-91-4							0.000016 U	0.000013 U
Perfluoropentanoic Acid	2706-90-3							0.000052 J	0.000021 U
Perfluorotetradecanoic Acid	376-06-7							0.000021 U	0.000017 UJ
Perfluorotridecanoic Acid	72629-94-8							0.000034 U	0.000028 UJ
Perfluoroundecanoic Acid	2058-94-8							0.000034 U	0.000028 U

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Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-38	SHL-38	SHL-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-38-(12-24) 01/09/2024	SHL-38-(6-12) 01/09/2024	FDUP_010924 01/09/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6			0.0081 <i>U</i>	<i>R</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8			0.0088 <i>U</i>	0.0004 <i>U</i>
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7			0.0098 <i>U</i>	0.00056 <i>J</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.019			0.01 <i>U</i>	0.00047 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097			0.0075 <i>U</i>	0.00035 <i>U</i>
beta-BHC	319-85-7	0.036	0.6	0.09	0.072			0.0075 <i>U</i>	0.00035 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91			0.021 <i>U</i>	0.00096 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	100			0.0078 <i>U</i>	0.00036 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	0.039			0.01 <i>U</i>	0.00046 <i>U</i>
Endosulfan I	959-98-8	2.4		102	4.8			0.008 <i>U</i>	<i>R</i>
Endosulfan II	33213-65-9	2.4		102	4.8			0.0075 <i>U</i>	0.00035 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	4.8			0.0078 <i>U</i>	0.00036 <i>U</i>
Endrin	72-20-8	0.014	0.014	0.06	2.2			0.0083 <i>U</i>	0.00038 <i>U</i>
Endrin aldehyde	7421-93-4							0.011 <i>U</i>	0.00049 <i>U</i>
Endrin ketone	53494-70-5							0.01 <i>U</i>	0.00047 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28			0.0077 <i>U</i>	0.00035 <i>U</i>
gamma-Chlordane	5566-34-7			14	0.54			0.013 <i>U</i>	<i>R</i>
Heptachlor	76-44-8	0.042	0.14	0.38	0.42			0.009 <i>U</i>	0.00042 <i>U</i>
Heptachlor epoxide	1024-57-3			0.02	0.077			0.011 <i>U</i>	0.0005 <i>U</i>
Methoxychlor	72-43-5		1.2	900	100			0.0085 <i>U</i>	0.00039 <i>U</i>
Toxaphene	8001-35-2							0.24 <i>U</i>	0.011 <i>U</i>
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM							50.7 <i>U</i>	46.3 <i>U</i>
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1			0.058 <i>U</i>	0.051 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1			0.058 <i>U</i>	0.051 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1			0.058 <i>U</i>	0.051 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1			0.058 <i>U</i>	0.051 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1			0.058 <i>U</i>	0.051 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1			0.14 <i>U</i>	0.12 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1			0.14 <i>U</i>	0.12 <i>U</i>
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.39 <i>U</i>	0.43 <i>U</i>	0.039 <i>UJ</i>
Acenaphthene	83-32-9	20	20	98	100		0.29 <i>U</i>	0.32 <i>U</i>	0.029 <i>UJ</i>
Acenaphthylene	208-96-8	100		107	100		0.25 <i>U</i>	0.28 <i>U</i>	0.025 <i>UJ</i>
Anthracene	120-12-7	100		1000	100		0.48 <i>U</i>	0.53 <i>U</i>	0.049 <i>UJ</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.2 <i>U</i>	0.22 <i>U</i>	0.02 <i>UJ</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.29 <i>U</i>	0.32 <i>U</i>	0.029 <i>UJ</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.31 <i>U</i>	0.34 <i>U</i>	0.031 <i>UJ</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.21 <i>U</i>	0.23 <i>U</i>	0.021 <i>UJ</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.25 <i>U</i>	0.28 <i>U</i>	0.025 <i>UJ</i>
Chrysene	218-01-9	1		1	1		0.44 <i>U</i>	0.48 <i>U</i>	0.044 <i>UJ</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.34 <i>U</i>	0.38 <i>U</i>	0.035 <i>UJ</i>
Fluoranthene	206-44-0	100		1000	100		0.23 <i>J</i>	0.23 <i>U</i>	0.036 <i>J</i>
Fluorene	86-73-7	30	30	386	100		0.23 <i>U</i>	0.25 <i>U</i>	0.023 <i>UJ</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.24 <i>U</i>	0.27 <i>U</i>	0.024 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-38	SHL-38	SHL-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-38-(12-24) 01/09/2024	SHL-38-(6-12) 01/09/2024	FDUP_010924 01/09/2024
Naphthalene	91-20-3	12		12	100		0.25 <i>U</i>	0.28 <i>U</i>	0.025 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.29 <i>U</i>	0.32 <i>U</i>	0.029 <i>UJ</i>
Pyrene	129-00-0	100		1000	100		0.23 <i>U</i>	0.25 <i>U</i>	0.028 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.29 <i>U</i>	0.32 <i>U</i>	0.029 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8			0.7 <i>U</i>	0.064 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8		100		0.36 <i>U</i>	0.39 <i>U</i>	0.036 <i>U</i>
2-Chloronaphthalene	91-58-7						0.32 <i>U</i>	0.35 <i>U</i>	0.032 <i>UJ</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.23 <i>U</i>	0.25 <i>U</i>	0.023 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.29 <i>U</i>	0.32 <i>U</i>	0.029 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.55 <i>U</i>	0.61 <i>U</i>	0.055 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.39 <i>U</i>	0.43 <i>U</i>	0.039 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.21 <i>U</i>	0.23 <i>U</i>	0.021 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.47 <i>U</i>	0.52 <i>U</i>	0.047 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		9 <i>U</i>	9.9 <i>U</i>	0.91 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.4 <i>U</i>	0.44 <i>U</i>	0.04 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.53 <i>U</i>	0.58 <i>U</i>	0.053 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.39 <i>U</i>	0.43 <i>U</i>	0.039 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.23 <i>U</i>	0.25 <i>U</i>	0.023 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.54 <i>U</i>	0.59 <i>U</i>	0.054 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						2.3 <i>U</i>	2.5 <i>U</i>	0.23 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.28 <i>U</i>	0.3 <i>U</i>	0.028 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.48 <i>U</i>	0.53 <i>U</i>	0.049 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.48 <i>U</i>	0.53 <i>U</i>	0.049 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.24 <i>U</i>	0.27 <i>U</i>	0.024 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.23 <i>U</i>	0.25 <i>U</i>	0.023 <i>U</i>
4-Nitroaniline	100-01-6						1 <i>U</i>	1.1 <i>U</i>	0.1 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			1.4 <i>U</i>	1.5 <i>U</i>	0.14 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2 <i>U</i>	2.2 <i>U</i>	0.2 <i>U</i>
Atrazine	1912-24-9						0.68 <i>U</i>	0.75 <i>U</i>	0.068 <i>UJ</i>
Acetophenone	98-86-2						0.26 <i>U</i>	0.29 <i>U</i>	0.027 <i>UJ</i>
Benzaldehyde	100-52-7						1.5 <i>U</i>	1.7 <i>U</i>	0.16 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.25 <i>U</i>	0.28 <i>U</i>	0.025 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.41 <i>U</i>	0.46 <i>U</i>	0.042 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.67 <i>U</i>	0.73 <i>U</i>	0.067 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.32 <i>U</i>	0.35 <i>U</i>	0.032 <i>UJ</i>
Carbazole	86-74-8						0.23 <i>U</i>	0.25 <i>U</i>	0.023 <i>UJ</i>
Caprolactam	105-60-2						0.59 <i>U</i>	0.65 <i>U</i>	0.059 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.33 <i>U</i>	0.37 <i>U</i>	0.033 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.23 <i>U</i>	0.25 <i>U</i>	0.023 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.23 <i>U</i>	0.25 <i>U</i>	0.023 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.25 <i>U</i>	0.28 <i>U</i>	0.025 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.23 <i>U</i>	0.25 <i>U</i>	0.023 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.26 <i>U</i>	0.29 <i>U</i>	0.027 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.29 <i>U</i>	0.32 <i>U</i>	0.029 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.26 <i>U</i>	0.29 <i>U</i>	0.027 <i>UJ</i>
Hexachloroethane	67-72-1						0.25 <i>U</i>	0.28 <i>U</i>	0.025 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.41 <i>U</i>	0.46 <i>U</i>	0.042 <i>UJ</i>

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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-38	SHL-38	SHL-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-38-(12-24) 01/09/2024	SHL-38-(6-12) 01/09/2024	FDUP_010924 01/09/2024
N-Nitrosodi-n-propylamine	621-64-7						0.33 <i>U</i>	0.37 <i>U</i>	0.033 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				1.6 <i>U</i>	1.7 <i>U</i>	0.16 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.22 <i>U</i>	0.24 <i>U</i>	0.022 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		2 <i>U</i>	0.0068 <i>U</i>	0.0062 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.3 <i>U</i>	0.33 <i>U</i>	0.03 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19			0.00089 <i>U</i>	0.00049 <i>UJ</i>
1,1-Dichloroethene	75-35-4	0.33		0.33	100			0.00089 <i>U</i>	0.00049 <i>UJ</i>
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100			0.00053 <i>U</i>	0.00029 <i>UJ</i>
1,1,1,2-Tetrachloroethane	630-20-6							0.00073 <i>U</i>	0.0004 <i>U</i>
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100			0.0017 <i>U</i>	0.00092 <i>UJ</i>
1,1,2-Trichloroethane	79-00-5							0.00095 <i>U</i>	0.00052 <i>UJ</i>
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35			0.0012 <i>U</i>	0.00065 <i>UJ</i>
1,2-Dibromo-3-chloropropane	96-12-8							0.0036 <i>U</i>	0.002 <i>UJ</i>
1,2-Dibromoethane	106-93-4							0.00093 <i>U</i>	0.00052 <i>UJ</i>
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100			0.00057 <i>U</i>	0.00031 <i>UJ</i>
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3			0.00037 <i>U</i>	0.0002 <i>UJ</i>
1,2-Dichloropropane	78-87-5		700					0.0036 <i>U</i>	0.002 <i>UJ</i>
1,2,4-Trichlorobenzene	120-82-1		20	3.4				0.00044 <i>U</i>	<i>R</i>
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47			0.0014 <i>U</i>	0.00077 <i>UJ</i>
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17			0.00037 <i>U</i>	<i>R</i>
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47			0.00047 <i>U</i>	0.00026 <i>UJ</i>
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8			0.001 <i>U</i>	<i>R</i>
2-Butanone	78-93-3	0.12	100	0.3	100			0.0027 <i>U</i>	0.0015 <i>UJ</i>
2-Hexanone	591-78-6							0.0036 <i>U</i>	0.002 <i>UJ</i>
4-Methyl-2-pentanone	108-10-1			1				0.0024 <i>U</i>	0.0013 <i>UJ</i>
Acetone	67-64-1	0.05	2.2	0.05	100			0.0061 <i>U</i>	0.0034 <i>UJ</i>
Benzene	71-43-2	0.06	70	0.06	2.9			0.00036 <i>U</i>	0.0002 <i>UJ</i>
Bromodichloromethane	75-27-4							0.00097 <i>U</i>	0.00054 <i>UJ</i>
Bromoform	75-25-2							0.0036 <i>U</i>	0.002 <i>UJ</i>
Bromomethane	74-83-9							0.00065 <i>U</i>	0.00036 <i>U</i>
Carbon disulfide	75-15-0			2.7	100			0.0036 <i>U</i>	0.002 <i>UJ</i>
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4			0.0007 <i>U</i>	0.00039 <i>UJ</i>
Chlorobenzene	108-90-7	1.1	40	1.1	100			0.00096 <i>U</i>	<i>R</i>
Chloroethane	75-00-3			1.9				0.0016 <i>U</i>	0.00091 <i>UJ</i>
Chloroform	67-66-3	0.37	12	0.37	10			0.00045 <i>U</i>	0.00025 <i>UJ</i>
Chloromethane	74-87-3							0.00044 <i>U</i>	0.00024 <i>UJ</i>
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59			0.00093 <i>U</i>	0.00051 <i>UJ</i>
cis-1,3-Dichloropropene	10061-01-5							0.001 <i>U</i>	0.00058 <i>UJ</i>
Cyclohexane	110-82-7							0.001 <i>UJ</i>	0.00056 <i>UJ</i>
Dibromochloromethane	124-48-1		10					0.00093 <i>U</i>	0.00051 <i>UJ</i>
Dichlorodifluoromethane	75-71-8							0.0006 <i>U</i>	0.00033 <i>UJ</i>
Ethylbenzene	100-41-4	1		1	30			0.0005 <i>U</i>	0.00028 <i>UJ</i>
Isopropylbenzene	98-82-8			2.3	100			0.0011 <i>U</i>	0.00061 <i>UJ</i>
m,p-Xylene	179601-23-1							0.0012 <i>U</i>	0.00067 <i>UJ</i>
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62			0.00071 <i>U</i>	0.00039 <i>U</i>
Methyl Acetate	79-20-9							0.0044 <i>U</i>	0.0024 <i>U</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-38	SHL-38	SHL-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-38-(12-24) 01/09/2024	SHL-38-(6-12) 01/09/2024	FDUP_010924 01/09/2024
Methylcyclohexane	108-87-2							0.0011 <i>UJ</i>	0.00061 <i>UJ</i>
Methylene Chloride	75-09-2	0.05	12	0.05	51			0.0033 <i>U</i>	0.0018 <i>U</i>
n-Butylbenzene	104-51-8	12		12	100			0.00063 <i>U</i>	0.00035 <i>UJ</i>
n-Propylbenzene	103-65-1	3.9		3.9	100			0.00058 <i>U</i>	0.00032 <i>UJ</i>
o-Xylene	95-47-6							0.00095 <i>U</i>	0.00052 <i>UJ</i>
sec-Butylbenzene	135-98-8	11		11	100			0.00063 <i>U</i>	0.00035 <i>UJ</i>
Styrene	100-42-5		300					0.00036 <i>U</i>	<i>R</i>
tert-Butylbenzene	98-06-6	5.9		5.9	100			0.00076 <i>U</i>	0.00042 <i>UJ</i>
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5			0.00098 <i>U</i>	0.00054 <i>UJ</i>
Toluene	108-88-3	0.7	36	0.7	100			0.00055 <i>U</i>	0.0003 <i>UJ</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100			0.00075 <i>U</i>	0.00041 <i>UJ</i>
trans-1,3-Dichloropropene	10061-02-6							0.0032 <i>U</i>	0.0018 <i>UJ</i>
Trichloroethylene	79-01-6	0.47	2	0.47	10			0.0016 <i>U</i>	0.00088 <i>UJ</i>
Trichlorofluoromethane	75-69-4							0.00069 <i>U</i>	0.00038 <i>UJ</i>
Vinyl Chloride	75-01-4	0.02		0.02	0.21			0.00089 <i>U</i>	0.00049 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	100			0.0012 <i>U</i>	0.00067 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-39	SHL-39	SHL-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-39-(0-6)	SHL-39-(12-24)	SHL-39-(6-12)
						Sample Date	01/09/2024	01/09/2024	01/09/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.74 <i>J</i>	0.63 <i>U</i>	0.63 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100			0.015 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100			0.0077 <i>U</i>	
Dichlorprop	120-36-5							0.012 <i>U</i>	
Picloram	1918-02-1							0.01 <i>U</i>	
Silvex	93-72-1	3.8		3.8	58			0.0086 <i>U</i>	
Metals (mg/kg)									
Aluminum	7429-90-5		10000				6450 <i>J</i>	5350 <i>J</i>	6670 <i>J</i>
Antimony	7440-36-0		12				6.5 <i>J</i>	27.3 <i>J</i>	13.7 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		29.7	97.2	145
Barium	7440-39-3	350	433	820	350		140 <i>J</i>	359 <i>J</i>	366 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		1.5	1.4	2.1
Cadmium	7440-43-9	2.5	4	7.5	2.5		2.4	11.3	7.7
Calcium	7440-70-2		10000				12700 <i>J</i>	3940 <i>J</i>	6110 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		21.1 <i>J</i>	68 <i>J</i>	303 <i>J</i>
Cobalt	7440-48-4		20		30		14	18.4	30.6
Copper	7440-50-8	50	50	1720	270		86.8 <i>J</i>	191 <i>J</i>	887 <i>J</i>
Iron	7439-89-6				2000		9600	16700	21800
Lead	7439-92-1	63	63	450	400		283 <i>J</i>	1070 <i>J</i>	490 <i>J</i>
Magnesium	7439-95-4						978 <i>J</i>	437 <i>J</i>	752 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		305 <i>J</i>	129 <i>J</i>	362 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		1.9 <i>J</i>	1.5 <i>J</i>	1.2 <i>J</i>
Nickel	7440-02-0	30	30	130	140		41.2 <i>J</i>	98.9 <i>J</i>	249 <i>J</i>
Potassium	7440-09-7						886	557	637
Selenium	7782-49-2	3.9	3.9	4	36		3.1 <i>J</i>	6.4	3.5 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		1 <i>J</i>	7.3 <i>J</i>	3.2 <i>J</i>
Sodium	7440-23-5						58.3 <i>J</i>	280 <i>J</i>	120 <i>J</i>
Thallium	7440-28-0		5				0.42 <i>U</i>	0.52 <i>J</i>	2.1 <i>J</i>
Vanadium	7440-62-2		39		100		20.8	25.9	34.8
Zinc	7440-66-6	109	109	2480	2200		170 <i>J</i>	331 <i>J</i>	535 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2							0.4	
Barium	7440-39-3							0.39 <i>J</i>	
Cadmium	7440-43-9							0.0063 <i>J</i>	
Chromium	7440-47-3							0.01 <i>U</i>	
Lead	7439-92-1							0.14 <i>J</i>	
Mercury	7439-97-6							0.000043 <i>U</i>	
Selenium	7782-49-2							0.0087 <i>U</i>	
Silver	7440-22-4							0.0017 <i>U</i>	

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-39	SHL-39	SHL-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-39-(0-6)	SHL-39-(12-24)	SHL-39-(6-12)
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00017	U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00014	U
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000035	U
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.00051	U
3:3 perfluorohexanoic acid	356-02-5							0.00024	U
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.00011	U
4:2 fluorotelomer sulfonate	757124-72-4							0.00011	U
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.00067	U
7:3 FTCA	812-70-4							0.00043	U
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00016	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.000071	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.00013	U
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00015	UJ
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000043	UJ
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000033	U
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000033	U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.000067	U
Perfluoro-3-methoxypropanoic acid	377-73-1							0.00013	U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.000055	U
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.000026	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000019	U
Perfluorobutanoic acid	375-22-4							0.000069	J
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000028	U
Perfluorodecanoic acid	335-76-2							0.0001	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000024	U
Perfluorododecanoic Acid	307-55-1							0.000078	U
Perfluoroheptanesulfonic acid	375-92-8							0.000039	U
Perfluoroheptanoic acid	375-85-9							0.000053	J
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000028	U
Perfluorohexanoic acid	307-24-4							0.000029	U
Perfluorononanesulfonic acid	68259-12-1							0.000039	U
Perfluorononanoic acid	375-95-1							0.000017	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.000017	U
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088			0.000078	U
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066			0.00021	J
Perfluoropentanesulfonic acid	2706-91-4							0.000018	U
Perfluoropentanoic Acid	2706-90-3							0.00011	J
Perfluorotetradecanoic Acid	376-06-7							0.000024	UJ
Perfluorotridecanoic Acid	72629-94-8							0.000039	UJ
Perfluoroundecanoic Acid	2058-94-8							0.000039	U

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-39	SHL-39	SHL-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-39-(0-6) 01/09/2024	SHL-39-(12-24) 01/09/2024	SHL-39-(6-12) 01/09/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6			R	
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8			0.0014 J	
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7			0.00056 U	
Aldrin	309-00-2	0.005	0.14	0.19	0.019			0.00073 J	
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097			0.00043 U	
beta-BHC	319-85-7	0.036	0.6	0.09	0.072			0.00079 J	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91			0.0012 U	
delta-BHC	319-86-8	0.04	0.04	0.25	100			0.00044 U	
Dieldrin	60-57-1	0.005	0.006	0.1	0.039			0.0034 J	
Endosulfan I	959-98-8	2.4		102	4.8			R	
Endosulfan II	33213-65-9	2.4		102	4.8			0.00062 J	
Endosulfan sulfate	1031-07-8	2.4		1000	4.8			0.00045 U	
Endrin	72-20-8	0.014	0.014	0.06	2.2			0.00098 J	
Endrin aldehyde	7421-93-4							0.00061 U	
Endrin ketone	53494-70-5							0.00059 U	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28			0.00044 U	
gamma-Chlordane	5566-34-7			14	0.54			R	
Heptachlor	76-44-8	0.042	0.14	0.38	0.42			0.00052 U	
Heptachlor epoxide	1024-57-3			0.02	0.077			0.00062 U	
Methoxychlor	72-43-5		1.2	900	100			0.0011 J	
Toxaphene	8001-35-2							0.014 U	
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM							57.6 U	
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1			0.069 U	
Aroclor 1221	11104-28-2	0.1	1	3.2	1			0.069 U	
Aroclor 1232	11141-16-5	0.1	1	3.2	1			0.069 U	
Aroclor 1242	53469-21-9	0.1	1	3.2	1			0.069 U	
Aroclor 1248	12672-29-6	0.1	1	3.2	1			0.069 U	
Aroclor 1254	11097-69-1	0.1	1	3.2	1			0.16 U	
Aroclor 1260	11096-82-5	0.1	1	3.2	1			0.16 U	
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.47 U	0.24 UJ	0.24 UJ
Acenaphthene	83-32-9	20	20	98	100		0.34 U	0.18 UJ	0.18 UJ
Acenaphthylene	208-96-8	100		107	100		0.3 U	0.16 UJ	0.16 UJ
Anthracene	120-12-7	100		1000	100		0.58 U	0.3 UJ	0.3 UJ
Benzo[a]anthracene	56-55-3	1		1	1		0.23 U	0.12 UJ	0.12 UJ
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.34 U	0.18 UJ	0.18 UJ
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.37 U	0.19 UJ	0.19 UJ
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.27 J	0.13 UJ	0.13 UJ
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.3 U	0.16 UJ	0.16 UJ
Chrysene	218-01-9	1		1	1		0.52 U	0.27 UJ	0.27 UJ
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.41 U	0.22 UJ	0.21 UJ
Fluoranthene	206-44-0	100		1000	100		0.25 U	0.13 UJ	0.13 UJ
Fluorene	86-73-7	30	30	386	100		0.28 U	0.14 UJ	0.14 UJ
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.29 U	0.15 UJ	0.15 UJ

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Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-39	SHL-39	SHL-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-39-(0-6) 01/09/2024	SHL-39-(12-24) 01/09/2024	SHL-39-(6-12) 01/09/2024
Naphthalene	91-20-3	12		12	100		0.3 <i>U</i>	0.16 <i>UJ</i>	0.16 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.34 <i>U</i>	0.18 <i>UJ</i>	0.18 <i>UJ</i>
Pyrene	129-00-0	100		1000	100		0.28 <i>U</i>	0.14 <i>UJ</i>	0.14 <i>UJ</i>
1,1'-Biphenyl	92-52-4		60				0.34 <i>U</i>	0.18 <i>UJ</i>	0.18 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8			0.4 <i>UJ</i>	
2-Chlorophenol	95-57-8		0.8		100		0.43 <i>U</i>	0.22 <i>U</i>	0.22 <i>U</i>
2-Chloronaphthalene	91-58-7						0.39 <i>U</i>	0.2 <i>UJ</i>	0.2 <i>UJ</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.28 <i>U</i>	0.14 <i>U</i>	0.14 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.34 <i>U</i>	0.18 <i>UJ</i>	0.18 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.66 <i>U</i>	0.35 <i>U</i>	0.34 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.47 <i>U</i>	0.24 <i>UJ</i>	0.24 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.25 <i>U</i>	0.13 <i>U</i>	0.13 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.56 <i>U</i>	0.29 <i>U</i>	0.29 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		11 <i>U</i>	5.6 <i>U</i>	5.6 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.48 <i>U</i>	0.25 <i>UJ</i>	0.25 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.63 <i>U</i>	0.33 <i>U</i>	0.33 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.47 <i>U</i>	0.24 <i>U</i>	0.24 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.28 <i>U</i>	0.14 <i>UJ</i>	0.14 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.65 <i>U</i>	0.34 <i>UJ</i>	0.34 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						2.8 <i>U</i>	1.4 <i>UJ</i>	1.4 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.33 <i>U</i>	0.17 <i>UJ</i>	0.17 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.58 <i>U</i>	0.3 <i>U</i>	0.3 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.58 <i>U</i>	0.3 <i>UJ</i>	0.3 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.29 <i>U</i>	0.15 <i>UJ</i>	0.15 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.28 <i>U</i>	0.14 <i>U</i>	0.14 <i>U</i>
4-Nitroaniline	100-01-6						1.2 <i>U</i>	0.64 <i>UJ</i>	0.64 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			1.6 <i>U</i>	0.86 <i>U</i>	0.85 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2.3 <i>U</i>	1.2 <i>U</i>	1.2 <i>U</i>
Atrazine	1912-24-9						0.81 <i>U</i>	0.42 <i>UJ</i>	0.42 <i>UJ</i>
Acetophenone	98-86-2						0.32 <i>U</i>	0.17 <i>UJ</i>	0.16 <i>UJ</i>
Benzaldehyde	100-52-7						1.9 <i>U</i>	0.97 <i>UJ</i>	0.96 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.3 <i>U</i>	0.16 <i>UJ</i>	0.16 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.5 <i>U</i>	0.26 <i>UJ</i>	0.26 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.8 <i>U</i>	0.42 <i>UJ</i>	0.41 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.39 <i>U</i>	0.2 <i>UJ</i>	0.2 <i>UJ</i>
Carbazole	86-74-8						0.28 <i>U</i>	0.14 <i>UJ</i>	0.14 <i>UJ</i>
Caprolactam	105-60-2						0.7 <i>U</i>	0.37 <i>UJ</i>	0.36 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.4 <i>U</i>	0.21 <i>UJ</i>	0.21 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.28 <i>U</i>	0.14 <i>UJ</i>	0.14 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.28 <i>U</i>	0.14 <i>UJ</i>	0.14 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.3 <i>U</i>	0.16 <i>UJ</i>	0.16 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.28 <i>U</i>	0.14 <i>UJ</i>	0.14 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.32 <i>U</i>	0.17 <i>UJ</i>	0.16 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.34 <i>U</i>	0.18 <i>UJ</i>	0.18 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.32 <i>U</i>	0.17 <i>UJ</i>	0.16 <i>UJ</i>
Hexachloroethane	67-72-1						0.3 <i>U</i>	0.16 <i>UJ</i>	0.16 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.5 <i>U</i>	0.26 <i>UJ</i>	0.26 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-39	SHL-39	SHL-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-39-(0-6) 01/09/2024	SHL-39-(12-24) 01/09/2024	SHL-39-(6-12) 01/09/2024
N-Nitrosodi-n-propylamine	621-64-7						0.4 <i>U</i>	0.21 <i>UJ</i>	0.21 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				1.9 <i>U</i>	0.99 <i>UJ</i>	0.99 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.26 <i>U</i>	0.14 <i>UJ</i>	0.14 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		2.3 <i>U</i>	0.0078 <i>U</i>	1.2 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.36 <i>U</i>	0.19 <i>U</i>	0.19 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19			0.001 <i>UJ</i>	
1,1-Dichloroethene	75-35-4	0.33		0.33	100			0.001 <i>UJ</i>	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100			0.0006 <i>UJ</i>	
1,1,1,2-Tetrachloroethane	630-20-6							0.00082 <i>U</i>	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100			0.0019 <i>UJ</i>	
1,1,2-Trichloroethane	79-00-5							0.0011 <i>UJ</i>	
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35			0.0013 <i>UJ</i>	
1,2-Dibromo-3-chloropropane	96-12-8							0.0041 <i>UJ</i>	
1,2-Dibromoethane	106-93-4							0.0011 <i>UJ</i>	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100			0.00064 <i>UJ</i>	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3			0.00041 <i>UJ</i>	
1,2-Dichloropropane	78-87-5		700					0.0041 <i>UJ</i>	
1,2,4-Trichlorobenzene	120-82-1		20	3.4				<i>R</i>	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47			0.0016 <i>UJ</i>	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17			<i>R</i>	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47			0.00053 <i>UJ</i>	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8			<i>R</i>	
2-Butanone	78-93-3	0.12	100	0.3	100			0.003 <i>UJ</i>	
2-Hexanone	591-78-6							0.0041 <i>UJ</i>	
4-Methyl-2-pentanone	108-10-1			1				0.0027 <i>UJ</i>	
Acetone	67-64-1	0.05	2.2	0.05	100			0.0069 <i>UJ</i>	
Benzene	71-43-2	0.06	70	0.06	2.9			0.0004 <i>UJ</i>	
Bromodichloromethane	75-27-4							0.0011 <i>UJ</i>	
Bromoform	75-25-2							0.0041 <i>UJ</i>	
Bromomethane	74-83-9							0.00074 <i>U</i>	
Carbon disulfide	75-15-0			2.7	100			0.0041 <i>UJ</i>	
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4			0.0008 <i>UJ</i>	
Chlorobenzene	108-90-7	1.1	40	1.1	100			<i>R</i>	
Chloroethane	75-00-3			1.9				0.0019 <i>UJ</i>	
Chloroform	67-66-3	0.37	12	0.37	10			0.00051 <i>UJ</i>	
Chloromethane	74-87-3							0.0005 <i>UJ</i>	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59			0.0011 <i>UJ</i>	
cis-1,3-Dichloropropene	10061-01-5							0.0012 <i>UJ</i>	
Cyclohexane	110-82-7							0.0012 <i>UJ</i>	
Dibromochloromethane	124-48-1		10					0.0011 <i>UJ</i>	
Dichlorodifluoromethane	75-71-8							0.00068 <i>UJ</i>	
Ethylbenzene	100-41-4	1		1	30			0.00057 <i>UJ</i>	
Isopropylbenzene	98-82-8			2.3	100			0.0012 <i>UJ</i>	
m,p-Xylene	179601-23-1							0.0014 <i>UJ</i>	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62			0.00081 <i>U</i>	
Methyl Acetate	79-20-9							0.005 <i>U</i>	

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SHL-39	SHL-39	SHL-39
							SHL-39-(0-6) 01/09/2024	SHL-39-(12-24) 01/09/2024	SHL-39-(6-12) 01/09/2024
Methylcyclohexane	108-87-2							0.0013	UJ
Methylene Chloride	75-09-2	0.05	12	0.05	51			0.0038	U
n-Butylbenzene	104-51-8	12		12	100			0.00072	UJ
n-Propylbenzene	103-65-1	3.9		3.9	100			0.00066	UJ
o-Xylene	95-47-6							0.0011	UJ
sec-Butylbenzene	135-98-8	11		11	100			0.00072	UJ
Styrene	100-42-5		300						R
tert-Butylbenzene	98-06-6	5.9		5.9	100			0.00086	UJ
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5			0.0011	UJ
Toluene	108-88-3	0.7	36	0.7	100			0.00062	UJ
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100			0.00085	UJ
trans-1,3-Dichloropropene	10061-02-6							0.0036	UJ
Trichloroethylene	79-01-6	0.47	2	0.47	10			0.0018	UJ
Trichlorofluoromethane	75-69-4							0.00078	UJ
Vinyl Chloride	75-01-4	0.02		0.02	0.21			0.001	U
Xylenes	1330-20-7	0.26	0.26	1.6	100			0.0014	UJ

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-36	SS-36	SS-37
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	FDUP2_010924	SS-36-(0-2)	SS-37-(0-2)
				Groundwater ^{b,c,e}		Sample Date	01/09/2024	01/09/2024	01/09/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.56 <i>U</i>	0.59 <i>U</i>	0.65 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		0.013 <i>U</i>	0.013 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		0.0066 <i>U</i>	0.0068 <i>U</i>	
Dichlorprop	120-36-5						0.01 <i>U</i>	0.011 <i>U</i>	
Picloram	1918-02-1						0.0089 <i>U</i>	0.0092 <i>U</i>	
Silvex	93-72-1	3.8		3.8	58		0.0074 <i>U</i>	0.0077 <i>U</i>	
Metals (mg/kg)									
Aluminum	7429-90-5		10000				10900 <i>J</i>	11200	15500 <i>J</i>
Antimony	7440-36-0		12				3.1 <i>J</i>	3.2 <i>J</i>	3.8 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		7.8	6.6	7.3
Barium	7440-39-3	350	433	820	350		86.3 <i>J</i>	84.5 <i>J</i>	118 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.54	0.54	0.69
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.29	0.27	0.31
Calcium	7440-70-2		10000				2180 <i>J</i>	1890	2460 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		13.7 <i>J</i>	11.9	17.4 <i>J</i>
Cobalt	7440-48-4		20		30		7.1	7.6	9.7
Copper	7440-50-8	50	50	1720	270		15.5 <i>J</i>	14.1	22.7 <i>J</i>
Iron	7439-89-6				2000		17100	14700	19600
Lead	7439-92-1	63	63	450	400		57.5	48.8	67.3 <i>J</i>
Magnesium	7439-95-4						2280 <i>J</i>	2520 <i>J</i>	3290 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		381 <i>J</i>	448 <i>J</i>	506 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.047 <i>J</i>	0.05	0.13 <i>J</i>
Nickel	7440-02-0	30	30	130	140		16.8 <i>J</i>	18	23.5 <i>J</i>
Potassium	7440-09-7						1560	1380	2030
Selenium	7782-49-2	3.9	3.9	4	36		0.79 <i>J</i>	1.1 <i>J</i>	1.1 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.25 <i>U</i>	0.26 <i>U</i>	0.29 <i>U</i>
Sodium	7440-23-5						36.2 <i>J</i>	29.9 <i>J</i>	43.6 <i>J</i>
Thallium	7440-28-0		5				0.37 <i>U</i>	0.38 <i>U</i>	0.44 <i>U</i>
Vanadium	7440-62-2		39		100		16.2	15.3	22.7
Zinc	7440-66-6	109	109	2480	2200		55.1 <i>J</i>	65.9	109 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2						0.0056 <i>U</i>	0.0056 <i>U</i>	
Barium	7440-39-3						0.55 <i>J</i>	0.94 <i>J</i>	
Cadmium	7440-43-9						0.0019 <i>J</i>	0.0027 <i>J</i>	
Chromium	7440-47-3						0.01 <i>U</i>	0.01 <i>U</i>	
Lead	7439-92-1						0.017 <i>J</i>	0.024	
Mercury	7439-97-6						0.000043 <i>U</i>	0.000043 <i>U</i>	
Selenium	7782-49-2						0.0087 <i>U</i>	0.0087 <i>U</i>	
Silver	7440-22-4						0.0017 <i>U</i>	0.0017 <i>U</i>	

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SS-36	SS-36	SS-37
						Sample ID	FDUP2_010924	SS-36-(0-2)	SS-37-(0-2)
						Sample Date	01/09/2024	01/09/2024	01/09/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00013 U	0.00014 U	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00011 U	0.00012 U	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000028 U	0.00003 U	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.00041 U	0.00044 U	
3:3 perfluorohexanoic acid	356-02-5						0.0002 U	0.00021 U	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00009 U	0.000097 U	
4:2 fluorotelomer sulfonate	757124-72-4						0.000086 U	0.000092 U	
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00054 U	0.00058 U	
7:3 FTCA	812-70-4						0.00034 U	0.00037 U	
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00013 U	0.00014 U	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.000057 U	0.000061 U	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.0001 U	0.00011 U	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00012 U	0.00013 U	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000034 U	0.000037 U	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000027 U	0.000029 U	
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000027 U	0.000029 U	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000053 U	0.000057 U	
Perfluoro-3-methoxypropanoic acid	377-73-1						0.0001 U	0.00011 U	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000044 U	0.000048 U	
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000021 U	0.000023 U	
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000016 U	0.000017 U	
Perfluorobutanoic acid	375-22-4						0.000088 J	0.000086 J	
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000067 J	0.000024 U	
Perfluorodecanoic acid	335-76-2						0.000083 U	0.00009 U	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000019 U	0.00002 U	
Perfluorododecanoic Acid	307-55-1						0.000062 U	0.000067 U	
Perfluoroheptanesulfonic acid	375-92-8						0.000031 U	0.000034 U	
Perfluoroheptanoic acid	375-85-9						0.000048 J	0.000046 J	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000022 U	0.000024 U	
Perfluorohexanoic acid	307-24-4						0.000023 U	0.000025 U	
Perfluorononanesulfonic acid	68259-12-1						0.000031 U	0.000034 U	
Perfluorononanoic acid	375-95-1						0.000058 J	0.000057 J	
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000013 U	0.000014 U	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		0.00043	0.00039	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		0.00009 J	0.00009 J	
Perfluoropentanesulfonic acid	2706-91-4						0.000014 U	0.000016 U	
Perfluoropentanoic Acid	2706-90-3						0.000046 J	0.000046 J	
Perfluorotetradecanoic Acid	376-06-7						0.000019 UJ	0.00002 UJ	
Perfluorotridecanoic Acid	72629-94-8						0.000031 UJ	0.000034 UJ	
Perfluoroundecanoic Acid	2058-94-8						0.000031 U	0.000034 U	

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-36	SS-36	SS-37
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2_010924 01/09/2024	SS-36-(0-2) 01/09/2024	SS-37-(0-2) 01/09/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.008 <i>U</i>	0.0021 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.0087 <i>U</i>	0.0023 <i>U</i>	
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7		0.0097 <i>U</i>	0.0026 <i>U</i>	
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.01 <i>U</i>	0.0027 <i>U</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.0074 <i>U</i>	0.002 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.0074 <i>U</i>	0.002 <i>U</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.021 <i>U</i>	0.0054 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.0077 <i>U</i>	0.002 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.0099 <i>U</i>	0.0026 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	4.8		0.0079 <i>U</i>	0.0021 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	4.8		0.0074 <i>U</i>	0.002 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.0077 <i>U</i>	0.002 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.0082 <i>U</i>	0.0022 <i>U</i>	
Endrin aldehyde	7421-93-4						0.011 <i>U</i>	0.0028 <i>U</i>	
Endrin ketone	53494-70-5						0.01 <i>U</i>	0.0027 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.0076 <i>U</i>	0.002 <i>U</i>	
gamma-Chlordane	5566-34-7			14	0.54		0.013 <i>U</i>	0.0035 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.0089 <i>U</i>	0.0024 <i>U</i>	
Heptachlor epoxide	1024-57-3			0.02	0.077		0.011 <i>U</i>	0.0028 <i>U</i>	
Methoxychlor	72-43-5		1.2	900	100		0.0084 <i>U</i>	0.0022 <i>U</i>	
Toxaphene	8001-35-2						0.24 <i>U</i>	0.064 <i>U</i>	
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						49.7 <i>U</i>	52.7 <i>U</i>	
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.044 <i>U</i>	0.047 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.044 <i>U</i>	0.047 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.044 <i>U</i>	0.047 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.044 <i>U</i>	0.047 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.044 <i>U</i>	0.047 <i>U</i>	
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.1 <i>U</i>	0.11 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.1 <i>U</i>	0.11 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.42 <i>U</i>	0.22 <i>UJ</i>	0.051 <i>UJ</i>
Acenaphthene	83-32-9	20	20	98	100		0.31 <i>U</i>	0.16 <i>UJ</i>	0.037 <i>UJ</i>
Acenaphthylene	208-96-8	100		107	100		0.27 <i>U</i>	0.21 <i>J</i>	0.034 <i>J</i>
Anthracene	120-12-7	100		1000	100		0.52 <i>U</i>	0.28 <i>UJ</i>	0.063 <i>UJ</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.21 <i>U</i>	0.11 <i>UJ</i>	0.07 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.31 <i>U</i>	0.18 <i>J</i>	0.087 <i>J</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.33 <i>U</i>	0.18 <i>UJ</i>	0.095 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.22 <i>U</i>	0.18 <i>J</i>	0.057 <i>J</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.27 <i>U</i>	0.14 <i>UJ</i>	0.05 <i>J</i>
Chrysene	218-01-9	1		1	1		0.47 <i>U</i>	0.25 <i>UJ</i>	0.075 <i>J</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.37 <i>U</i>	0.2 <i>UJ</i>	0.045 <i>UJ</i>
Fluoranthene	206-44-0	100		1000	100		0.22 <i>U</i>	0.12 <i>UJ</i>	0.12 <i>J</i>
Fluorene	86-73-7	30	30	386	100		0.25 <i>U</i>	0.13 <i>UJ</i>	0.03 <i>UJ</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.26 <i>U</i>	0.14 <i>UJ</i>	0.054 <i>J</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-36	SS-36	SS-37
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2_010924 01/09/2024	SS-36-(0-2) 01/09/2024	SS-37-(0-2) 01/09/2024
Naphthalene	91-20-3	12		12	100		0.27 <i>U</i>	0.14 <i>UJ</i>	0.033 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.31 <i>U</i>	0.16 <i>UJ</i>	0.043 <i>J</i>
Pyrene	129-00-0	100		1000	100		0.25 <i>U</i>	0.13 <i>UJ</i>	0.09 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.31 <i>U</i>	0.16 <i>UJ</i>	0.037 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		0.68 <i>U</i>	0.36 <i>UJ</i>	
2-Chlorophenol	95-57-8		0.8		100		0.38 <i>U</i>	0.2 <i>U</i>	0.046 <i>U</i>
2-Chloronaphthalene	91-58-7						0.34 <i>U</i>	0.18 <i>UJ</i>	0.042 <i>UJ</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.25 <i>U</i>	0.13 <i>U</i>	0.03 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.31 <i>U</i>	0.16 <i>UJ</i>	0.037 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.59 <i>U</i>	0.31 <i>U</i>	0.071 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.42 <i>U</i>	0.22 <i>UJ</i>	0.051 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.22 <i>U</i>	0.12 <i>U</i>	0.027 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.5 <i>U</i>	0.27 <i>U</i>	0.061 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		9.6 <i>U</i>	5.1 <i>U</i>	1.2 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.43 <i>U</i>	0.23 <i>UJ</i>	0.052 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.57 <i>U</i>	0.3 <i>U</i>	0.068 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.42 <i>U</i>	0.22 <i>U</i>	0.051 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.25 <i>U</i>	0.13 <i>UJ</i>	0.03 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.58 <i>U</i>	0.31 <i>UJ</i>	0.07 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						2.5 <i>U</i>	1.3 <i>UJ</i>	0.3 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.29 <i>U</i>	0.16 <i>UJ</i>	0.036 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.52 <i>U</i>	0.28 <i>U</i>	0.063 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.52 <i>U</i>	0.28 <i>UJ</i>	0.063 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.26 <i>U</i>	0.14 <i>UJ</i>	0.031 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.25 <i>U</i>	0.13 <i>U</i>	0.03 <i>U</i>
4-Nitroaniline	100-01-6						1.1 <i>U</i>	0.58 <i>UJ</i>	0.13 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			1.5 <i>U</i>	0.78 <i>U</i>	0.18 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2.1 <i>U</i>	1.1 <i>U</i>	0.25 <i>U</i>
Atrazine	1912-24-9						0.72 <i>U</i>	0.39 <i>UJ</i>	0.088 <i>UJ</i>
Acetophenone	98-86-2						0.28 <i>U</i>	0.15 <i>UJ</i>	0.034 <i>UJ</i>
Benzaldehyde	100-52-7						1.7 <i>U</i>	0.88 <i>UJ</i>	0.2 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.27 <i>U</i>	0.14 <i>UJ</i>	0.033 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.44 <i>U</i>	0.24 <i>UJ</i>	0.054 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.71 <i>U</i>	0.38 <i>UJ</i>	0.086 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.34 <i>U</i>	0.18 <i>UJ</i>	0.042 <i>UJ</i>
Carbazole	86-74-8						0.25 <i>U</i>	0.13 <i>UJ</i>	0.03 <i>UJ</i>
Caprolactam	105-60-2						0.63 <i>U</i>	0.33 <i>UJ</i>	0.076 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.36 <i>U</i>	0.19 <i>UJ</i>	0.043 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.25 <i>U</i>	0.13 <i>UJ</i>	0.03 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.25 <i>U</i>	0.13 <i>UJ</i>	0.03 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.27 <i>U</i>	0.14 <i>UJ</i>	0.033 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.25 <i>U</i>	0.13 <i>UJ</i>	0.03 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.28 <i>U</i>	0.15 <i>UJ</i>	0.034 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.31 <i>U</i>	0.16 <i>UJ</i>	0.037 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.28 <i>U</i>	0.15 <i>UJ</i>	0.034 <i>UJ</i>
Hexachloroethane	67-72-1						0.27 <i>U</i>	0.14 <i>UJ</i>	0.033 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.44 <i>U</i>	0.24 <i>UJ</i>	0.054 <i>UJ</i>

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-36	SS-36	SS-37
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2_010924 01/09/2024	SS-36-(0-2) 01/09/2024	SS-37-(0-2) 01/09/2024
N-Nitrosodi-n-propylamine	621-64-7						0.36 <i>U</i>	0.19 <i>UJ</i>	0.043 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				1.7 <i>U</i>	0.9 <i>UJ</i>	0.21 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.23 <i>U</i>	0.12 <i>UJ</i>	0.028 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.0067 <i>U</i>	0.007 <i>U</i>	0.25 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.32 <i>U</i>	0.17 <i>U</i>	0.039 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19		0.00069 <i>UJ</i>	0.00065 <i>UJ</i>	
1,1-Dichloroethene	75-35-4	0.33		0.33	100		0.00069 <i>UJ</i>	0.00066 <i>UJ</i>	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100		0.00041 <i>UJ</i>	0.00039 <i>UJ</i>	
1,1,1,2-Tetrachloroethane	630-20-6						0.00057 <i>UJ</i>	0.00054 <i>UJ</i>	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100		0.0013 <i>UJ</i>	0.0012 <i>UJ</i>	
1,1,2-Trichloroethane	79-00-5						0.00074 <i>UJ</i>	0.0007 <i>UJ</i>	
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35		0.00092 <i>UJ</i>	0.00087 <i>UJ</i>	
1,2-Dibromo-3-chloropropane	96-12-8						0.0028 <i>UJ</i>	0.0027 <i>UJ</i>	
1,2-Dibromoethane	106-93-4						0.00073 <i>UJ</i>	0.00069 <i>UJ</i>	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100		0.00044 <i>UJ</i>	0.00042 <i>UJ</i>	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3		0.00028 <i>UJ</i>	0.00027 <i>UJ</i>	
1,2-Dichloropropane	78-87-5		700				0.0028 <i>UJ</i>	0.0027 <i>UJ</i>	
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00034 <i>UJ</i>	0.00033 <i>UJ</i>	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47		0.0011 <i>UJ</i>	0.001 <i>UJ</i>	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17		0.00029 <i>UJ</i>	0.00028 <i>UJ</i>	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47		0.00037 <i>UJ</i>	0.00034 <i>UJ</i>	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8		0.00079 <i>UJ</i>	0.00075 <i>UJ</i>	
2-Butanone	78-93-3	0.12	100	0.3	100		0.05 <i>J</i>	0.002 <i>UJ</i>	
2-Hexanone	591-78-6						<i>R</i>	<i>R</i>	
4-Methyl-2-pentanone	108-10-1			1			0.0019 <i>UJ</i>	0.0018 <i>UJ</i>	
Acetone	67-64-1	0.05	2.2	0.05	100		0.036 <i>J</i>	0.0045 <i>UJ</i>	
Benzene	71-43-2	0.06	70	0.06	2.9		0.00028 <i>UJ</i>	0.00026 <i>UJ</i>	
Bromodichloromethane	75-27-4						0.00076 <i>UJ</i>	0.00072 <i>UJ</i>	
Bromoform	75-25-2						0.0028 <i>UJ</i>	0.0027 <i>UJ</i>	
Bromomethane	74-83-9						0.00051 <i>UJ</i>	0.00048 <i>UJ</i>	
Carbon disulfide	75-15-0			2.7	100		0.0028 <i>UJ</i>	0.0027 <i>UJ</i>	
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4		0.00055 <i>UJ</i>	0.00052 <i>UJ</i>	
Chlorobenzene	108-90-7	1.1	40	1.1	100		0.00075 <i>UJ</i>	0.00071 <i>UJ</i>	
Chloroethane	75-00-3			1.9			0.0013 <i>U</i>	0.0012 <i>U</i>	
Chloroform	67-66-3	0.37	12	0.37	10		0.00035 <i>UJ</i>	0.00033 <i>UJ</i>	
Chloromethane	74-87-3						0.00034 <i>U</i>	0.00032 <i>U</i>	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59		0.00073 <i>UJ</i>	0.00069 <i>UJ</i>	
cis-1,3-Dichloropropene	10061-01-5						0.00082 <i>UJ</i>	0.00077 <i>UJ</i>	
Cyclohexane	110-82-7						0.00079 <i>UJ</i>	0.00075 <i>UJ</i>	
Dibromochloromethane	124-48-1		10				0.00073 <i>UJ</i>	0.00069 <i>UJ</i>	
Dichlorodifluoromethane	75-71-8						0.00047 <i>UJ</i>	0.00044 <i>UJ</i>	
Ethylbenzene	100-41-4	1		1	30		0.00039 <i>UJ</i>	0.00037 <i>UJ</i>	
Isopropylbenzene	98-82-8			2.3	100		0.00086 <i>UJ</i>	0.00081 <i>UJ</i>	
m,p-Xylene	179601-23-1						0.00095 <i>UJ</i>	0.0009 <i>UJ</i>	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62		0.00056 <i>U</i>	0.00053 <i>U</i>	
Methyl Acetate	79-20-9						0.021 <i>J</i>	0.0032 <i>UJ</i>	

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Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID Sample ID Sample Date	SS-36	SS-36	SS-37
							FDUP2_010924	SS-36-(0-2)	SS-37-(0-2)
							01/09/2024	01/09/2024	01/09/2024
Methylcyclohexane	108-87-2						0.00086 <i>UJ</i>	0.00081 <i>UJ</i>	
Methylene Chloride	75-09-2	0.05	12	0.05	51		0.0026 <i>U</i>	0.0025 <i>U</i>	
n-Butylbenzene	104-51-8	12		12	100		0.00049 <i>UJ</i>	0.00047 <i>UJ</i>	
n-Propylbenzene	103-65-1	3.9		3.9	100		0.00045 <i>UJ</i>	0.00043 <i>UJ</i>	
o-Xylene	95-47-6						0.00074 <i>UJ</i>	0.0007 <i>UJ</i>	
sec-Butylbenzene	135-98-8	11		11	100		0.00049 <i>UJ</i>	0.00047 <i>UJ</i>	
Styrene	100-42-5		300				0.00028 <i>UJ</i>	0.00027 <i>UJ</i>	
tert-Butylbenzene	98-06-6	5.9		5.9	100		0.00059 <i>UJ</i>	0.00056 <i>UJ</i>	
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5		0.00076 <i>UJ</i>	0.00072 <i>UJ</i>	
Toluene	108-88-3	0.7	36	0.7	100		0.00043 <i>UJ</i>	0.0004 <i>UJ</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100		0.00059 <i>UJ</i>	0.00055 <i>UJ</i>	
trans-1,3-Dichloropropene	10061-02-6						0.0025 <i>UJ</i>	0.0024 <i>UJ</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	10		0.0012 <i>UJ</i>	0.0012 <i>UJ</i>	
Trichlorofluoromethane	75-69-4						0.00054 <i>UJ</i>	0.00051 <i>UJ</i>	
Vinyl Chloride	75-01-4	0.02		0.02	0.21		0.00069 <i>UJ</i>	0.00065 <i>UJ</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	100		0.00095 <i>UJ</i>	0.0009 <i>UJ</i>	

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-38	SS-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SS-38-(0-2)	SS-39-(0-2)
				Groundwater ^{b,c,e}		Sample Date	01/09/2024	01/09/2024
General Chemistry (mg/kg)								
Cyanide	57-12-5	27		40	27		0.66 <i>U</i>	0.9 <i>U</i>
Herbicides (mg/kg)								
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100			
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100			
Dichlorprop	120-36-5							
Picloram	1918-02-1							
Silvex	93-72-1	3.8		3.8	58			
Metals (mg/kg)								
Aluminum	7429-90-5		10000				11200 <i>J</i>	9060 <i>J</i>
Antimony	7440-36-0		12				3.7 <i>J</i>	12.2 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		8.5	37
Barium	7440-39-3	350	433	820	350		109 <i>J</i>	189 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.58	1.3
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.49	3.3
Calcium	7440-70-2		10000				1630 <i>J</i>	5690 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		17.6 <i>J</i>	34.9 <i>J</i>
Cobalt	7440-48-4		20		30		8.4	15.8
Copper	7440-50-8	50	50	1720	270		14.2 <i>J</i>	85 <i>J</i>
Iron	7439-89-6				2000		14900	17200
Lead	7439-92-1	63	63	450	400		102 <i>J</i>	396 <i>J</i>
Magnesium	7439-95-4						2510 <i>J</i>	1690 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		462 <i>J</i>	487 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.067 <i>J</i>	1.3 <i>J</i>
Nickel	7440-02-0	30	30	130	140		18.9 <i>J</i>	49.1 <i>J</i>
Potassium	7440-09-7						1740	1530
Selenium	7782-49-2	3.9	3.9	4	36		0.63 <i>U</i>	3.6 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.32 <i>U</i>	1.4 <i>J</i>
Sodium	7440-23-5						35.1 <i>J</i>	94.8 <i>J</i>
Thallium	7440-28-0		5				0.47 <i>U</i>	0.61 <i>U</i>
Vanadium	7440-62-2		39		100		17.1	22.9
Zinc	7440-66-6	109	109	2480	2200		67.1 <i>J</i>	262 <i>J</i>
TCLP Metals (mg/L)								
Arsenic	7440-38-2							
Barium	7440-39-3							
Cadmium	7440-43-9							
Chromium	7440-47-3							
Lead	7439-92-1							
Mercury	7439-97-6							
Selenium	7782-49-2							
Silver	7440-22-4							

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-38	SS-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SS-38-(0-2)	SS-39-(0-2)
				Groundwater ^{b,c,e}		Sample Date	01/09/2024	01/09/2024
Per- and Polyfluoroalkyl Substances (mg/kg)								
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							
3:3 perfluorohexanoic acid	356-02-5							
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							
4:2 fluorotelomer sulfonate	757124-72-4							
6:2 Fluorotelomer sulfonic acid	27619-97-2							
7:3 FTCA	812-70-4							
8:2 Fluorotelomer sulfonic acid	39108-34-4							
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							
N-methylperfluoro-1-octanesulfonamide	31506-32-8							
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							
Perfluoro-3-methoxypropanoic acid	377-73-1							
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							
Perfluoro(4-methoxybutanoic) acid	863090-89-5							
Perfluorobutanesulfonic acid (PFBS)	375-73-5							
Perfluorobutanoic acid	375-22-4							
Perfluorodecanesulfonic acid (PFDS)	335-77-3							
Perfluorodecanoic acid	335-76-2							
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							
Perfluorododecanoic Acid	307-55-1							
Perfluoroheptanesulfonic acid	375-92-8							
Perfluoroheptanoic acid	375-85-9							
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							
Perfluorohexanoic acid	307-24-4							
Perfluorononanesulfonic acid	68259-12-1							
Perfluorononanoic acid	375-95-1							
Perfluorooctanesulfonamide (PFOSA)	754-91-6							
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088			
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066			
Perfluoropentanesulfonic acid	2706-91-4							
Perfluoropentanoic Acid	2706-90-3							
Perfluorotetradecanoic Acid	376-06-7							
Perfluorotridecanoic Acid	72629-94-8							
Perfluoroundecanoic Acid	2058-94-8							

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-38	SS-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SS-38-(0-2)	SS-39-(0-2)
				Groundwater ^{b,c,e}		Sample Date	01/09/2024	01/09/2024
Pesticides (mg/kg)								
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6			
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8			
4,4'-DDT	50-29-3	0.0033	0.0033	136	1.7			
Aldrin	309-00-2	0.005	0.14	0.19	0.019			
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097			
beta-BHC	319-85-7	0.036	0.6	0.09	0.072			
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91			
delta-BHC	319-86-8	0.04	0.04	0.25	100			
Dieldrin	60-57-1	0.005	0.006	0.1	0.039			
Endosulfan I	959-98-8	2.4		102	4.8			
Endosulfan II	33213-65-9	2.4		102	4.8			
Endosulfan sulfate	1031-07-8	2.4		1000	4.8			
Endrin	72-20-8	0.014	0.014	0.06	2.2			
Endrin aldehyde	7421-93-4							
Endrin ketone	53494-70-5							
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28			
gamma-Chlordane	5566-34-7			14	0.54			
Heptachlor	76-44-8	0.042	0.14	0.38	0.42			
Heptachlor epoxide	1024-57-3			0.02	0.077			
Methoxychlor	72-43-5		1.2	900	100			
Toxaphene	8001-35-2							
Petroleum (mg/kg)								
Hem (Oil & Grease)	CAS_NA_HEM							
Polychlorinated Biphenyls (mg/kg)								
Aroclor 1016	12674-11-2	0.1	1	3.2	1			
Aroclor 1221	11104-28-2	0.1	1	3.2	1			
Aroclor 1232	11141-16-5	0.1	1	3.2	1			
Aroclor 1242	53469-21-9	0.1	1	3.2	1			
Aroclor 1248	12672-29-6	0.1	1	3.2	1			
Aroclor 1254	11097-69-1	0.1	1	3.2	1			
Aroclor 1260	11096-82-5	0.1	1	3.2	1			
Semivolatile Organic Compounds (mg/kg)								
2-Methylnaphthalene	91-57-6			36.4	0.41		0.05 U	0.69 U
Acenaphthene	83-32-9	20	20	98	100		0.037 U	0.5 U
Acenaphthylene	208-96-8	100		107	100		0.033 U	0.44 U
Anthracene	120-12-7	100		1000	100		0.062 U	0.85 U
Benzo[a]anthracene	56-55-3	1		1	1		0.073 J	0.34 U
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.11 J	0.5 U
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.18 J	0.54 U
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.098 J	0.36 U
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.095 J	0.44 U
Chrysene	218-01-9	1		1	1		0.13 J	0.77 U
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.045 U	0.6 U
Fluoranthene	206-44-0	100		1000	100		0.17 J	0.46 J
Fluorene	86-73-7	30	30	386	100		0.03 U	0.4 U
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.082 J	0.42 U

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-38	SS-39
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SS-38-(0-2) 01/09/2024	SS-39-(0-2) 01/09/2024
Naphthalene	91-20-3	12		12	100		0.033 <i>U</i>	0.44 <i>U</i>
Phenanthrene	85-01-8	100		1000	100		0.05 <i>J</i>	0.5 <i>U</i>
Pyrene	129-00-0	100		1000	100		0.13 <i>J</i>	0.4 <i>U</i>
1,1'-Biphenyl	92-52-4		60				0.037 <i>U</i>	0.5 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8			
2-Chlorophenol	95-57-8		0.8		100		0.046 <i>U</i>	0.62 <i>U</i>
2-Chloronaphthalene	91-58-7						0.042 <i>U</i>	0.56 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.03 <i>U</i>	0.4 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.037 <i>U</i>	0.5 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.071 <i>U</i>	0.97 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.05 <i>U</i>	0.69 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.027 <i>U</i>	0.36 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.061 <i>U</i>	0.83 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		1.2 <i>U</i>	16 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.052 <i>U</i>	0.71 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.068 <i>U</i>	0.93 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.05 <i>U</i>	0.69 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.03 <i>U</i>	0.4 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.07 <i>U</i>	0.95 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						0.3 <i>U</i>	4 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.036 <i>U</i>	0.48 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.062 <i>U</i>	0.85 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.062 <i>U</i>	0.85 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.031 <i>U</i>	0.42 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.03 <i>U</i>	0.4 <i>U</i>
4-Nitroaniline	100-01-6						0.13 <i>U</i>	1.8 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.18 <i>U</i>	2.4 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.25 <i>U</i>	3.4 <i>U</i>
Atrazine	1912-24-9						0.088 <i>U</i>	1.2 <i>U</i>
Acetophenone	98-86-2						0.034 <i>U</i>	0.46 <i>U</i>
Benzaldehyde	100-52-7						0.2 <i>U</i>	2.7 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.033 <i>U</i>	0.44 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.053 <i>U</i>	0.73 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.086 <i>U</i>	1.2 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		0.042 <i>U</i>	0.56 <i>U</i>
Carbazole	86-74-8						0.03 <i>U</i>	0.4 <i>U</i>
Caprolactam	105-60-2						0.076 <i>U</i>	1 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.043 <i>U</i>	0.58 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		0.03 <i>U</i>	0.4 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		0.03 <i>U</i>	0.4 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.033 <i>U</i>	0.44 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		0.03 <i>U</i>	0.4 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.034 <i>U</i>	0.46 <i>U</i>
Hexachlorobutadiene	87-68-3						0.037 <i>U</i>	0.5 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.034 <i>U</i>	0.46 <i>U</i>
Hexachloroethane	67-72-1						0.033 <i>U</i>	0.44 <i>U</i>
Isophorone	78-59-1			4.4	100		0.053 <i>U</i>	0.73 <i>U</i>

Table 2-4. Post Creek Property Validated Analytical Results
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Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SS-38	SS-39
						Sample ID Sample Date	SS-38-(0-2) 01/09/2024	SS-39-(0-2) 01/09/2024
N-Nitrosodi-n-propylamine	621-64-7						0.043 <i>U</i>	0.58 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.2 <i>U</i>	2.8 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.028 <i>U</i>	0.38 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.25 <i>U</i>	3.4 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.039 <i>U</i>	0.52 <i>U</i>
Volatile Organic Compounds (mg/kg)								
1,1-Dichloroethane	75-34-3	0.27		0.27	19			
1,1-Dichloroethene	75-35-4	0.33		0.33	100			
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100			
1,1,1,2-Tetrachloroethane	630-20-6							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100			
1,1,2-Trichloroethane	79-00-5							
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35			
1,2-Dibromo-3-chloropropane	96-12-8							
1,2-Dibromoethane	106-93-4							
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100			
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3			
1,2-Dichloropropane	78-87-5		700					
1,2,4-Trichlorobenzene	120-82-1		20	3.4				
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47			
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17			
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47			
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8			
2-Butanone	78-93-3	0.12	100	0.3	100			
2-Hexanone	591-78-6							
4-Methyl-2-pentanone	108-10-1			1				
Acetone	67-64-1	0.05	2.2	0.05	100			
Benzene	71-43-2	0.06	70	0.06	2.9			
Bromodichloromethane	75-27-4							
Bromoform	75-25-2							
Bromomethane	74-83-9							
Carbon disulfide	75-15-0			2.7	100			
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4			
Chlorobenzene	108-90-7	1.1	40	1.1	100			
Chloroethane	75-00-3			1.9				
Chloroform	67-66-3	0.37	12	0.37	10			
Chloromethane	74-87-3							
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59			
cis-1,3-Dichloropropene	10061-01-5							
Cyclohexane	110-82-7							
Dibromochloromethane	124-48-1		10					
Dichlorodifluoromethane	75-71-8							
Ethylbenzene	100-41-4	1		1	30			
Isopropylbenzene	98-82-8			2.3	100			
m,p-Xylene	179601-23-1							
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62			
Methyl Acetate	79-20-9							

Table 2-4. Post Creek Property Validated Analytical Results
Parcel 282.00-02-039.000

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SS-38	SS-39
						Sample ID	SS-38-(0-2)	SS-39-(0-2)
						Sample Date	01/09/2024	01/09/2024
Methylcyclohexane	108-87-2							
Methylene Chloride	75-09-2	0.05	12	0.05	51			
n-Butylbenzene	104-51-8	12		12	100			
n-Propylbenzene	103-65-1	3.9		3.9	100			
o-Xylene	95-47-6							
sec-Butylbenzene	135-98-8	11		11	100			
Styrene	100-42-5		300					
tert-Butylbenzene	98-06-6	5.9		5.9	100			
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5			
Toluene	108-88-3	0.7	36	0.7	100			
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100			
trans-1,3-Dichloropropene	10061-02-6							
Trichloroethylene	79-01-6	0.47	2	0.47	10			
Trichlorofluoromethane	75-69-4							
Vinyl Chloride	75-01-4	0.02		0.02	0.21			
Xylenes	1330-20-7	0.26	0.26	1.6	100			

Table 2-4. Post Creek Property Validated Analytical Results—Parcel 282.00-02-039.000

Notes:

Bold = Exceeds NYSDEC Restricted Use SCO, Protection of Ecological Resources

Underline = Exceeds NYSDEC Restricted Use SCO, Protection of Groundwater

Italic = Exceeds NYSDEC Unrestricted Use SCO

Shading = Exceeds NYSDEC Restricted Use SCO, Residential

CAS = Chemical Abstract Service

mg/kg = milligrams per kilogram

mg/L = milligrams per liter

NYSDEC = New York State Department of Environmental Conservation

SCO = soil cleanup objective

TCLP = toxicity characteristic leaching procedure

Qualifiers:

J = Quantitation is approximate with no direction of bias due to limitations identified during data validation.

U = The laboratory reported this analyte as “not-detected” or this analyte was detected in a laboratory, field, and/or equipment blank at a similar level and should be considered “not-detected.”

UJ = This analyte was not detected, but the detection limit may or may not be higher due to a bias identified during data validation.

R = Rejected results not reported on table.

^aNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives

^bNYSDEC, 2023, 6 NYCRR PART 375 Environmental Remediation Programs, Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS), Guidance Values for Anticipated Site Use

^cNYSDEC, 2010, CP-51 Soil Cleanup Guidance, Supplemental Soil Cleanup Objective

^dNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Protection of Ecological Resources

^eNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Protection of Groundwater

^fNYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Residential

^gScreening criteria is conservatively compared to hexavalent chromium SCOs

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-40	SHL-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	FDUP2_022024	SHL-40-(0-6)	SHL-40-(12-24)
				Groundwater ^{b,c,e}		Sample Date	02/20/2024	02/20/2024	02/20/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.58 <i>U</i>	0.66 <i>U</i>	0.55 <i>UJ</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		0.014 <i>U</i>	0.014 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		0.0071 <i>U</i>	0.0073 <i>U</i>	
Dichlorprop	120-36-5						0.011 <i>U</i>	0.011 <i>U</i>	
Picloram	1918-02-1						0.0096 <i>U</i>	0.0098 <i>U</i>	
Silvex	93-72-1	3.8		3.8	58		0.008 <i>U</i>	0.0082 <i>U</i>	
Metals (mg/kg)									
Aluminum	7429-90-5		10000				12500	12700	10700
Antimony	7440-36-0		12				1.4 <i>J</i>	1.6 <i>J</i>	2.5 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		11.5	11.4	31
Barium	7440-39-3	350	433	820	350		166	164	130
Beryllium	7440-41-7	7.2	10	47	14		0.55	0.56	0.47
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.57	0.58	0.35
Calcium	7440-70-2		10000				1940 <i>J</i>	1820 <i>J</i>	4660 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		15.1	16.2	12.6
Cobalt	7440-48-4		20		30		11.1	10.5	8.6
Copper	7440-50-8	50	50	1720	270		18.1	16.9	14.7
Iron	7439-89-6				2000		22500	22100	18300
Lead	7439-92-1	63	63	450	400		77.7 <i>J</i>	79.2 <i>J</i>	37.3 <i>J</i>
Magnesium	7439-95-4						3050 <i>J</i>	3090 <i>J</i>	3150 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		644	573	420
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.06	0.055	0.029
Nickel	7440-02-0	30	30	130	140		24.8	24.3	21.4
Potassium	7440-09-7						1390	1430	1210
Selenium	7782-49-2	3.9	3.9	4	36		1 <i>J</i>	0.67 <i>J</i>	1.6 <i>J</i>
Silver	7440-22-4	2	2	8.3	36		0.27 <i>U</i>	0.29 <i>U</i>	0.26 <i>U</i>
Sodium	7440-23-5						53.9 <i>J</i>	57.6 <i>J</i>	86 <i>J</i>
Thallium	7440-28-0		5				0.4 <i>U</i>	0.43 <i>U</i>	0.39 <i>U</i>
Vanadium	7440-62-2		39		100		18.8	18.9	22.2
Zinc	7440-66-6	109	109	2480	2200		76.8	77	67
TCLP Metals (mg/L)									
Arsenic	7440-38-2						0.0056 <i>U</i>	0.0056 <i>U</i>	
Barium	7440-39-3						0.59 <i>J</i>	0.62 <i>J</i>	
Cadmium	7440-43-9						0.002	0.0021	
Chromium	7440-47-3						0.01 <i>U</i>	0.01 <i>U</i>	
Lead	7439-92-1						0.0089 <i>J</i>	0.011 <i>J</i>	
Mercury	7439-97-6						0.000043 <i>U</i>	0.000043 <i>U</i>	
Selenium	7782-49-2						0.0087 <i>U</i>	0.0087 <i>U</i>	
Silver	7440-22-4						0.0017 <i>U</i>	0.0017 <i>U</i>	

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-40	SHL-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	FDUP2_022024	SHL-40-(0-6)	SHL-40-(12-24)
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						0.00017 <i>U</i>	0.00023 <i>U</i>	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						0.00041 <i>U</i>	0.00059 <i>U</i>	
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						0.000041 <i>U</i>	0.000059 <i>U</i>	
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						0.001 <i>U</i>	0.0015 <i>U</i>	
3:3 perfluorohexanoic acid	356-02-5						0.00021 <i>U</i>	0.00029 <i>U</i>	
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						0.00017 <i>U</i>	0.00023 <i>U</i>	
4:2 fluorotelomer sulfonate	757124-72-4						0.00017 <i>U</i>	0.00023 <i>U</i>	
6:2 Fluorotelomer sulfonic acid	27619-97-2						0.00017 <i>U</i>	0.00023 <i>U</i>	
7:3 FTCA	812-70-4						0.001 <i>U</i>	0.0015 <i>U</i>	
8:2 Fluorotelomer sulfonic acid	39108-34-4						0.00017 <i>U</i>	0.00023 <i>U</i>	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						0.00017 <i>U</i>	0.00023 <i>U</i>	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						0.00017 <i>U</i>	0.00023 <i>U</i>	
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						0.00041 <i>U</i>	0.00059 <i>U</i>	
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						0.000041 <i>U</i>	0.000059 <i>U</i>	
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						0.000041 <i>U</i>	0.000059 <i>U</i>	
N-methylperfluoro-1-octanesulfonamide	31506-32-8						0.000041 <i>U</i>	0.000059 <i>U</i>	
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						0.000083 <i>U</i>	0.00012 <i>U</i>	
Perfluoro-3-methoxypropanoic acid	377-73-1						0.000083 <i>U</i>	0.00012 <i>U</i>	
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						0.000083 <i>U</i>	0.00012 <i>U</i>	
Perfluoro(4-methoxybutanoic) acid	863090-89-5						0.000083 <i>U</i>	0.00012 <i>U</i>	
Perfluorobutanesulfonic acid (PFBS)	375-73-5						0.000041 <i>U</i>	0.000059 <i>U</i>	
Perfluorobutanoic acid	375-22-4						0.0002 <i>J</i>	0.00023 <i>U</i>	
Perfluorodecanesulfonic acid (PFDS)	335-77-3						0.000041 <i>U</i>	0.000059 <i>U</i>	
Perfluorodecanoic acid	335-76-2						0.000046 <i>J</i>	0.000066 <i>J</i>	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						0.000041 <i>U</i>	0.000059 <i>U</i>	
Perfluorododecanoic Acid	307-55-1						0.000041 <i>U</i>	0.000059 <i>U</i>	
Perfluoroheptanesulfonic acid	375-92-8						0.000041 <i>U</i>	0.000059 <i>U</i>	
Perfluoroheptanoic acid	375-85-9						0.000066 <i>J</i>	0.000059 <i>U</i>	
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						0.000041 <i>U</i>	0.000059 <i>U</i>	
Perfluorohexanoic acid	307-24-4						0.000055 <i>J</i>	0.000064 <i>J</i>	
Perfluorononanesulfonic acid	68259-12-1						0.000041 <i>U</i>	0.000059 <i>U</i>	
Perfluorononanoic acid	375-95-1						0.00008 <i>J</i>	0.00011 <i>J</i>	
Perfluorooctanesulfonamide (PFOSA)	754-91-6						0.000041 <i>U</i>	0.00018 <i>J</i>	
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		0.00025	0.00028	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		0.00013 <i>J</i>	0.00014 <i>J</i>	
Perfluoropentanesulfonic acid	2706-91-4						0.000041 <i>U</i>	0.000059 <i>U</i>	
Perfluoropentanoic Acid	2706-90-3						0.000083 <i>U</i>	0.00012 <i>U</i>	
Perfluorotetradecanoic Acid	376-06-7						0.000041 <i>U</i>	0.000059 <i>U</i>	
Perfluorotridecanoic Acid	72629-94-8						0.000041 <i>U</i>	0.000059 <i>U</i>	
Perfluoroundecanoic Acid	2058-94-8						0.000059 <i>J</i>	0.000084 <i>J</i>	

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-40	SHL-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2_022024 02/20/2024	SHL-40-(0-6) 02/20/2024	SHL-40-(12-24) 02/20/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		0.00044 <i>U</i>	0.00045 <i>U</i>	
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		0.00048 <i>U</i>	0.00048 <i>U</i>	
4,4'-DDD	50-29-3	0.0033	0.0033	136	1.7		0.00053 <i>U</i>	0.0015 <i>J</i>	
Aldrin	309-00-2	0.005	0.14	0.19	0.019		0.00056 <i>U</i>	0.00057 <i>U</i>	
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		0.00041 <i>U</i>	0.00041 <i>U</i>	
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		0.00041 <i>U</i>	0.00041 <i>U</i>	
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		0.0011 <i>U</i>	0.0011 <i>U</i>	
delta-BHC	319-86-8	0.04	0.04	0.25	100		0.00042 <i>U</i>	0.00043 <i>U</i>	
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		0.00055 <i>U</i>	0.00055 <i>U</i>	
Endosulfan I	959-98-8	2.4		102	4.8		0.00044 <i>U</i>	0.00044 <i>U</i>	
Endosulfan II	33213-65-9	2.4		102	4.8		0.00041 <i>U</i>	0.00041 <i>U</i>	
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		0.00042 <i>U</i>	0.00043 <i>U</i>	
Endrin	72-20-8	0.014	0.014	0.06	2.2		0.00045 <i>U</i>	0.00046 <i>U</i>	
Endrin aldehyde	7421-93-4						0.00058 <i>U</i>	0.00059 <i>U</i>	
Endrin ketone	53494-70-5						0.00056 <i>U</i>	0.00057 <i>U</i>	
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		0.00042 <i>U</i>	0.00042 <i>U</i>	
gamma-Chlordane	5566-34-7			14	0.54		0.00072 <i>U</i>	0.00073 <i>U</i>	
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		0.00049 <i>U</i>	0.0005 <i>U</i>	
Heptachlor epoxide	1024-57-3			0.02	0.077		0.00059 <i>U</i>	0.00059 <i>U</i>	
Methoxychlor	72-43-5		1.2	900	100		0.00046 <i>U</i>	0.00047 <i>U</i>	
Toxaphene	8001-35-2						0.013 <i>U</i>	0.013 <i>U</i>	
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM						54.9 <i>U</i>	55.3 <i>U</i>	
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1		0.055 <i>U</i>	0.055 <i>U</i>	
Aroclor 1221	11104-28-2	0.1	1	3.2	1		0.055 <i>U</i>	0.055 <i>U</i>	
Aroclor 1232	11141-16-5	0.1	1	3.2	1		0.055 <i>U</i>	0.055 <i>U</i>	
Aroclor 1242	53469-21-9	0.1	1	3.2	1		0.055 <i>U</i>	0.055 <i>U</i>	
Aroclor 1248	12672-29-6	0.1	1	3.2	1		0.055 <i>U</i>	0.055 <i>U</i>	
Aroclor 1254	11097-69-1	0.1	1	3.2	1		0.13 <i>U</i>	0.13 <i>U</i>	
Aroclor 1260	11096-82-5	0.1	1	3.2	1		0.13 <i>U</i>	0.13 <i>U</i>	
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.046 <i>U</i>	0.046 <i>U</i>	0.43 <i>U</i>
Acenaphthene	83-32-9	20	20	98	100		0.034 <i>U</i>	0.034 <i>U</i>	0.32 <i>U</i>
Acenaphthylene	208-96-8	100		107	100		0.03 <i>U</i>	0.03 <i>U</i>	0.28 <i>U</i>
Anthracene	120-12-7	100		1000	100		0.057 <i>U</i>	0.057 <i>U</i>	0.53 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.041 <i>J</i>	0.023 <i>U</i>	0.21 <i>U</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.034 <i>U</i>	0.034 <i>U</i>	0.32 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.053 <i>J</i>	0.037 <i>U</i>	0.34 <i>U</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.024 <i>U</i>	0.024 <i>U</i>	0.23 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.03 <i>U</i>	0.03 <i>U</i>	0.28 <i>U</i>
Chrysene	218-01-9	1		1	1		0.051 <i>U</i>	0.052 <i>U</i>	0.48 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.041 <i>U</i>	0.041 <i>U</i>	0.38 <i>U</i>
Fluoranthene	206-44-0	100		1000	100		0.075 <i>J</i>	0.043 <i>J</i>	0.23 <i>U</i>
Fluorene	86-73-7	30	30	386	100		0.027 <i>U</i>	0.027 <i>U</i>	0.25 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.028 <i>U</i>	0.028 <i>U</i>	0.26 <i>U</i>

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-40	SHL-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2_022024 02/20/2024	SHL-40-(0-6) 02/20/2024	SHL-40-(12-24) 02/20/2024
Naphthalene	91-20-3	12		12	100		0.03 <i>U</i>	0.03 <i>U</i>	0.28 <i>U</i>
Phenanthrene	85-01-8	100		1000	100		0.041 <i>J</i>	0.034 <i>U</i>	0.32 <i>U</i>
Pyrene	129-00-0	100		1000	100		0.049 <i>J</i>	0.03 <i>J</i>	0.25 <i>U</i>
1,1'-Biphenyl	92-52-4		60				0.034 <i>U</i>	0.034 <i>U</i>	0.32 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		0.075 <i>U</i>	0.075 <i>U</i>	
2-Chloronaphthalene	91-58-7						0.038 <i>U</i>	0.038 <i>U</i>	0.35 <i>U</i>
2-Chlorophenol	95-57-8		0.8		100		0.042 <i>U</i>	0.042 <i>U</i>	0.39 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.027 <i>U</i>	0.027 <i>U</i>	0.25 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.034 <i>U</i>	0.034 <i>U</i>	0.32 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.065 <i>U</i>	0.065 <i>U</i>	0.61 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.046 <i>U</i>	0.046 <i>U</i>	0.43 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.024 <i>U</i>	0.024 <i>U</i>	0.23 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.056 <i>U</i>	0.056 <i>U</i>	0.52 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		1.1 <i>U</i>	1.1 <i>U</i>	9.9 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.047 <i>U</i>	0.047 <i>U</i>	0.44 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.062 <i>U</i>	0.062 <i>U</i>	0.58 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.046 <i>U</i>	0.046 <i>U</i>	0.43 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.027 <i>U</i>	0.027 <i>U</i>	0.25 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.064 <i>U</i>	0.064 <i>U</i>	0.59 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						0.27 <i>U</i>	0.27 <i>U</i>	2.5 <i>U</i>
4-Bromophenyl-phenylether	101-55-3						0.033 <i>U</i>	0.033 <i>U</i>	0.3 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.057 <i>U</i>	0.057 <i>U</i>	0.53 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.057 <i>U</i>	0.057 <i>U</i>	0.53 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.028 <i>U</i>	0.028 <i>U</i>	0.26 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.027 <i>U</i>	0.027 <i>U</i>	0.25 <i>U</i>
4-Nitroaniline	100-01-6						0.12 <i>U</i>	0.12 <i>U</i>	1.1 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.16 <i>U</i>	0.16 <i>U</i>	1.5 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.23 <i>U</i>	0.23 <i>U</i>	2.1 <i>U</i>
Acetophenone	98-86-2						0.031 <i>U</i>	0.031 <i>U</i>	0.29 <i>U</i>
Atrazine	1912-24-9						0.08 <i>U</i>	0.08 <i>U</i>	0.74 <i>U</i>
Benzaldehyde	100-52-7						0.18 <i>U</i>	0.18 <i>U</i>	1.7 <i>U</i>
Bis(2-chloroethyl)ether	111-44-4						0.03 <i>U</i>	0.03 <i>U</i>	0.28 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.049 <i>U</i>	0.049 <i>U</i>	0.45 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.079 <i>U</i>	0.079 <i>U</i>	0.73 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		0.038 <i>U</i>	0.038 <i>U</i>	0.35 <i>U</i>
Carbazole	86-74-8						0.027 <i>U</i>	0.027 <i>U</i>	0.25 <i>U</i>
Caprolactam	105-60-2						0.069 <i>U</i>	0.069 <i>U</i>	0.64 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.039 <i>U</i>	0.039 <i>U</i>	0.37 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		0.027 <i>U</i>	0.027 <i>U</i>	0.25 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		0.027 <i>U</i>	0.027 <i>U</i>	0.25 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.03 <i>U</i>	0.03 <i>U</i>	0.28 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		0.027 <i>U</i>	0.027 <i>U</i>	0.25 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.031 <i>U</i>	0.031 <i>U</i>	0.29 <i>U</i>
Hexachlorobutadiene	87-68-3						0.034 <i>U</i>	0.034 <i>U</i>	0.32 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.031 <i>U</i>	0.031 <i>U</i>	0.29 <i>U</i>
Hexachloroethane	67-72-1						0.03 <i>U</i>	0.03 <i>U</i>	0.28 <i>U</i>
Isophorone	78-59-1			4.4	100		0.049 <i>U</i>	0.049 <i>U</i>	0.45 <i>U</i>

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-40	SHL-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2_022024 02/20/2024	SHL-40-(0-6) 02/20/2024	SHL-40-(12-24) 02/20/2024
N-Nitrosodi-n-propylamine	621-64-7						0.039 <i>U</i>	0.039 <i>U</i>	0.37 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.19 <i>U</i>	0.19 <i>U</i>	1.7 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.026 <i>U</i>	0.026 <i>U</i>	0.24 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.0073 <i>U</i>	0.0074 <i>U</i>	2.1 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.035 <i>U</i>	0.035 <i>U</i>	0.33 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19		0.00053 <i>U</i>	0.00037 <i>U</i>	
1,1-Dichloroethene	75-35-4	0.33		0.33	100		0.00053 <i>U</i>	0.00038 <i>U</i>	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100		0.00032 <i>U</i>	0.00022 <i>U</i>	
1,1,1,2-Tetrachloroethane	630-20-6						0.00043 <i>U</i>	0.00031 <i>U</i>	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100		0.00099 <i>U</i>	0.0007 <i>U</i>	
1,1,2-Trichloroethane	79-00-5						0.00056 <i>U</i>	0.0004 <i>U</i>	
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35		0.0007 <i>U</i>	0.0005 <i>U</i>	
1,2-Dibromo-3-chloropropane	96-12-8						0.0022 <i>U</i>	0.0015 <i>U</i>	
1,2-Dibromoethane	106-93-4						0.00056 <i>U</i>	0.00039 <i>U</i>	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100		0.00034 <i>U</i>	0.00024 <i>U</i>	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3		0.00022 <i>U</i>	0.00015 <i>U</i>	
1,2-Dichloropropane	78-87-5		700				0.0022 <i>U</i>	0.0015 <i>U</i>	
1,2,4-Trichlorobenzene	120-82-1		20	3.4			0.00026 <i>U</i>	0.00019 <i>U</i>	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47		0.00083 <i>U</i>	0.00059 <i>U</i>	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17		0.00022 <i>U</i>	0.00016 <i>U</i>	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47		0.00028 <i>U</i>	0.0002 <i>U</i>	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8		0.00061 <i>U</i>	0.00043 <i>U</i>	
2-Butanone	78-93-3	0.12	100	0.3	100		0.0016 <i>U</i>	0.0011 <i>U</i>	
2-Hexanone	591-78-6						0.0022 <i>U</i>	0.0015 <i>U</i>	
4-Methyl-2-pentanone	108-10-1			1			0.0014 <i>U</i>	0.001 <i>U</i>	
Acetone	67-64-1	0.05	2.2	0.05	100		0.0037 <i>U</i>	0.0026 <i>U</i>	
Benzene	71-43-2	0.06	70	0.06	2.9		0.00021 <i>U</i>	0.00015 <i>U</i>	
Bromodichloromethane	75-27-4						0.00058 <i>U</i>	0.00041 <i>U</i>	
Bromoform	75-25-2						0.0022 <i>U</i>	0.0015 <i>U</i>	
Bromomethane	74-83-9						0.00039 <i>U</i>	0.00028 <i>U</i>	
Carbon disulfide	75-15-0			2.7	100		0.0022 <i>U</i>	0.0015 <i>U</i>	
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4		0.00042 <i>U</i>	0.0003 <i>U</i>	
Chlorobenzene	108-90-7	1.1	40	1.1	100		0.00057 <i>U</i>	0.0004 <i>U</i>	
Chloroethane	75-00-3			1.9			0.00098 <i>U</i>	0.00069 <i>U</i>	
Chloroform	67-66-3	0.37	12	0.37	10		0.00027 <i>U</i>	0.00019 <i>U</i>	
Chloromethane	74-87-3						0.00026 <i>U</i>	0.00019 <i>U</i>	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59		0.00056 <i>U</i>	0.00039 <i>U</i>	
cis-1,3-Dichloropropene	10061-01-5						0.00063 <i>U</i>	0.00044 <i>U</i>	
Cyclohexane	110-82-7						0.00061 <i>U</i>	0.00043 <i>U</i>	
Dibromochloromethane	124-48-1		10				0.00056 <i>U</i>	0.00039 <i>U</i>	
Dichlorodifluoromethane	75-71-8						0.00036 <i>U</i>	0.00025 <i>U</i>	
Ethylbenzene	100-41-4	1		1	30		0.0003 <i>U</i>	0.00021 <i>U</i>	
Isopropylbenzene	98-82-8			2.3	100		0.00066 <i>U</i>	0.00046 <i>U</i>	
m,p-Xylene	179601-23-1						0.00073 <i>U</i>	0.00052 <i>U</i>	
Methyl Acetate	79-20-9						0.0026 <i>U</i>	0.0019 <i>U</i>	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62		0.00043 <i>U</i>	0.0003 <i>U</i>	

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-40	SHL-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	FDUP2_022024 02/20/2024	SHL-40-(0-6) 02/20/2024	SHL-40-(12-24) 02/20/2024
Methylcyclohexane	108-87-2						0.00066 <i>U</i>	0.00047 <i>U</i>	
Methylene Chloride	75-09-2	0.05	12	0.05	51		0.002 <i>U</i>	0.0014 <i>U</i>	
n-Butylbenzene	104-51-8	12		12	100		0.00038 <i>U</i>	0.00027 <i>U</i>	
n-Propylbenzene	103-65-1	3.9		3.9	100		0.00035 <i>U</i>	0.00025 <i>U</i>	
o-Xylene	95-47-6						0.00057 <i>U</i>	0.0004 <i>U</i>	
sec-Butylbenzene	135-98-8	11		11	100		0.00038 <i>U</i>	0.00027 <i>U</i>	
Styrene	100-42-5		300				0.00022 <i>U</i>	0.00015 <i>U</i>	
tert-Butylbenzene	98-06-6	5.9		5.9	100		0.00045 <i>U</i>	0.00032 <i>U</i>	
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5		0.00058 <i>U</i>	0.00041 <i>U</i>	
Toluene	108-88-3	0.7	36	0.7	100		0.00033 <i>U</i>	0.00023 <i>U</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100		0.00045 <i>U</i>	0.00032 <i>U</i>	
trans-1,3-Dichloropropene	10061-02-6						0.0019 <i>U</i>	0.0013 <i>U</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	10		0.00096 <i>U</i>	0.00067 <i>U</i>	
Trichlorofluoromethane	75-69-4						0.00041 <i>U</i>	0.00029 <i>U</i>	
Vinyl Chloride	75-01-4	0.02		0.02	0.21		0.00053 <i>U</i>	0.00037 <i>U</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	100		0.00073 <i>U</i>	0.00052 <i>U</i>	

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-41	SHL-41
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-40-(6-12) 02/20/2024	SHL-41-(0-6) 02/21/2024	SHL-41-(12-24) 02/21/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.67 <i>U</i>	0.57 <i>U</i>	0.45 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100			0.014 <i>U</i>	
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100			0.0072 <i>U</i>	
Dichlorprop	120-36-5							0.011 <i>U</i>	
Picloram	1918-02-1							0.0097 <i>U</i>	
Silvex	93-72-1	3.8		3.8	58			0.0081 <i>U</i>	
Metals (mg/kg)									
Aluminum	7429-90-5		10000				11700	12100	10300
Antimony	7440-36-0		12				1.1 <i>J</i>	2.2 <i>J</i>	0.46 <i>UJ</i>
Arsenic	7440-38-2	13	13	16	16		13.1	13.8	8.5
Barium	7440-39-3	350	433	820	350		147	170	135 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.48	0.56	0.42
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.42	0.62	0.16 <i>J</i>
Calcium	7440-70-2		10000				5450 <i>J</i>	1750	1210 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		13.7	15.3	11.5
Cobalt	7440-48-4		20		30		9.4	10.4	7.7
Copper	7440-50-8	50	50	1720	270		15	18.9	13.5
Iron	7439-89-6				2000		22300	21800	17800
Lead	7439-92-1	63	63	450	400		45.5 <i>J</i>	85.8	11.6 <i>J</i>
Magnesium	7439-95-4						3290 <i>J</i>	3100	2650 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		523	554 <i>J</i>	194 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.069	0.063	0.021 <i>J</i>
Nickel	7440-02-0	30	30	130	140		22.5	24.4	21.7
Potassium	7440-09-7						966	1380	892
Selenium	7782-49-2	3.9	3.9	4	36		1 <i>J</i>	0.7 <i>J</i>	0.46 <i>U</i>
Silver	7440-22-4	2	2	8.3	36		0.29 <i>U</i>	0.29 <i>U</i>	0.23 <i>U</i>
Sodium	7440-23-5						67.9 <i>J</i>	59.5 <i>J</i>	60.1 <i>J</i>
Thallium	7440-28-0		5				0.43 <i>U</i>	0.43 <i>U</i>	0.34 <i>U</i>
Vanadium	7440-62-2		39		100		17.9	17.9	14.2
Zinc	7440-66-6	109	109	2480	2200		71.6	81.8	61.4 <i>J</i>
TCLP Metals (mg/L)									
Arsenic	7440-38-2							0.0056 <i>U</i>	
Barium	7440-39-3							0.63 <i>J</i>	
Cadmium	7440-43-9							0.0022 <i>J</i>	
Chromium	7440-47-3							0.01 <i>U</i>	
Lead	7439-92-1							0.013 <i>J</i>	
Mercury	7439-97-6							0.000043 <i>U</i>	
Selenium	7782-49-2							0.0087 <i>U</i>	
Silver	7440-22-4							0.0017 <i>U</i>	

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-41	SHL-41
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-40-(6-12)	SHL-41-(0-6)	SHL-41-(12-24)
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00022	U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00056	U
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000056	U
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.0014	U
3:3 perfluorohexanoic acid	356-02-5							0.00028	U
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.00022	U
4:2 fluorotelomer sulfonate	757124-72-4							0.00022	U
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.00022	U
7:3 FTCA	812-70-4							0.0014	U
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00022	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.00022	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.00022	U
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00056	U
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000056	UJ
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000056	U
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000056	U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.00011	U
Perfluoro-3-methoxypropanoic acid	377-73-1							0.00011	U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.00011	U
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.00011	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000056	U
Perfluorobutanoic acid	375-22-4							0.00031	J
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000056	U
Perfluorodecanoic acid	335-76-2							0.000056	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000056	U
Perfluorododecanoic Acid	307-55-1							0.000056	U
Perfluoroheptanesulfonic acid	375-92-8							0.000056	U
Perfluoroheptanoic acid	375-85-9							0.000099	J
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000056	U
Perfluorohexanoic acid	307-24-4							0.000092	J
Perfluorononanesulfonic acid	68259-12-1							0.000056	U
Perfluorononanoic acid	375-95-1							0.00015	J
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.00006	J
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088			0.00025	
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066			0.00021	J
Perfluoropentanesulfonic acid	2706-91-4							0.000056	U
Perfluoropentanoic Acid	2706-90-3							0.00011	U
Perfluorotetradecanoic Acid	376-06-7							0.000056	U
Perfluorotridecanoic Acid	72629-94-8							0.000056	U
Perfluoroundecanoic Acid	2058-94-8							0.000065	J

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Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-41	SHL-41
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID	SHL-40-(6-12)	SHL-41-(0-6)	SHL-41-(12-24)
						Sample Date	02/20/2024	02/21/2024	02/21/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6			0.00043	U
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8			0.00046	U
4,4'-DDD	50-29-3	0.0033	0.0033	136	1.7			0.0014	J
Aldrin	309-00-2	0.005	0.14	0.19	0.019			0.00054	U
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097			0.0004	U
beta-BHC	319-85-7	0.036	0.6	0.09	0.072			0.0004	U
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91			0.0011	U
delta-BHC	319-86-8	0.04	0.04	0.25	100			0.00041	U
Dieldrin	60-57-1	0.005	0.006	0.1	0.039			0.00053	U
Endosulfan I	959-98-8	2.4		102	4.8			0.00042	U
Endosulfan II	33213-65-9	2.4		102	4.8			0.0004	U
Endosulfan sulfate	1031-07-8	2.4		1000	4.8			0.00041	U
Endrin	72-20-8	0.014	0.014	0.06	2.2			0.00044	U
Endrin aldehyde	7421-93-4							0.00057	U
Endrin ketone	53494-70-5							0.00054	U
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28			0.00041	U
gamma-Chlordane	5566-34-7			14	0.54			0.0007	U
Heptachlor	76-44-8	0.042	0.14	0.38	0.42			0.00048	U
Heptachlor epoxide	1024-57-3			0.02	0.077			0.00057	U
Methoxychlor	72-43-5		1.2	900	100			0.00045	U
Toxaphene	8001-35-2							0.013	U
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM							54.2	U
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1			0.047	U
Aroclor 1221	11104-28-2	0.1	1	3.2	1			0.047	U
Aroclor 1232	11141-16-5	0.1	1	3.2	1			0.047	U
Aroclor 1242	53469-21-9	0.1	1	3.2	1			0.047	U
Aroclor 1248	12672-29-6	0.1	1	3.2	1			0.047	U
Aroclor 1254	11097-69-1	0.1	1	3.2	1			0.11	U
Aroclor 1260	11096-82-5	0.1	1	3.2	1			0.11	U
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.48	0.046	UJ
Acenaphthene	83-32-9	20	20	98	100		0.35	0.034	UJ
Acenaphthylene	208-96-8	100		107	100		0.31	0.03	UJ
Anthracene	120-12-7	100		1000	100		0.59	0.057	UJ
Benzo[a]anthracene	56-55-3	1		1	1		0.24	0.052	J
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.35	0.054	J
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.38	0.074	J
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.25	0.024	UJ
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.31	0.03	UJ
Chrysene	218-01-9	1		1	1		0.53	0.053	J
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.42	0.041	UJ
Fluoranthene	206-44-0	100		1000	100		0.25	0.12	J
Fluorene	86-73-7	30	30	386	100		0.28	0.027	UJ
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.29	0.028	UJ

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-41	SHL-41
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-40-(6-12) 02/20/2024	SHL-41-(0-6) 02/21/2024	SHL-41-(12-24) 02/21/2024
Naphthalene	91-20-3	12		12	100		0.31 <i>U</i>	0.03 <i>UJ</i>	0.023 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.35 <i>U</i>	0.05 <i>J</i>	0.027 <i>UJ</i>
Pyrene	129-00-0	100		1000	100		0.28 <i>U</i>	0.078 <i>J</i>	0.021 <i>UJ</i>
1,1'-Biphenyl	92-52-4		60				0.35 <i>U</i>	0.034 <i>UJ</i>	0.027 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8			0.074 <i>UJ</i>	
2-Chloronaphthalene	91-58-7						0.39 <i>U</i>	0.038 <i>UJ</i>	0.03 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8		100		0.44 <i>U</i>	0.042 <i>U</i>	0.033 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.28 <i>U</i>	0.027 <i>U</i>	0.021 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.35 <i>U</i>	0.034 <i>UJ</i>	0.027 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.67 <i>U</i>	0.065 <i>U</i>	0.051 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.48 <i>U</i>	0.046 <i>UJ</i>	0.036 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.25 <i>U</i>	0.024 <i>U</i>	0.019 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.58 <i>U</i>	0.055 <i>U</i>	0.044 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		11 <i>U</i>	1.1 <i>U</i>	0.84 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.49 <i>U</i>	0.047 <i>UJ</i>	0.037 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.65 <i>U</i>	0.062 <i>U</i>	0.049 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.48 <i>U</i>	0.046 <i>U</i>	0.036 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.28 <i>U</i>	0.027 <i>UJ</i>	0.021 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.66 <i>U</i>	0.064 <i>UJ</i>	0.05 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						2.8 <i>U</i>	0.27 <i>UJ</i>	0.21 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.34 <i>U</i>	0.032 <i>UJ</i>	0.026 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.59 <i>U</i>	0.057 <i>U</i>	0.045 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.59 <i>U</i>	0.057 <i>UJ</i>	0.045 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.29 <i>U</i>	0.028 <i>UJ</i>	0.022 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.28 <i>U</i>	0.027 <i>U</i>	0.021 <i>U</i>
4-Nitroaniline	100-01-6						1.2 <i>U</i>	0.12 <i>UJ</i>	0.095 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			1.7 <i>U</i>	0.16 <i>U</i>	0.13 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						2.4 <i>U</i>	0.23 <i>U</i>	0.18 <i>U</i>
Acetophenone	98-86-2						0.32 <i>U</i>	0.031 <i>UJ</i>	0.025 <i>UJ</i>
Atrazine	1912-24-9						0.83 <i>U</i>	0.08 <i>UJ</i>	0.063 <i>UJ</i>
Benzaldehyde	100-52-7						1.9 <i>U</i>	0.18 <i>UJ</i>	0.14 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.31 <i>U</i>	0.03 <i>UJ</i>	0.023 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.51 <i>U</i>	0.049 <i>UJ</i>	0.038 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.81 <i>U</i>	0.078 <i>UJ</i>	0.062 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.39 <i>U</i>	0.038 <i>UJ</i>	0.03 <i>UJ</i>
Carbazole	86-74-8						0.28 <i>U</i>	0.027 <i>UJ</i>	0.021 <i>UJ</i>
Caprolactam	105-60-2						0.72 <i>U</i>	0.069 <i>UJ</i>	0.054 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.41 <i>U</i>	0.039 <i>UJ</i>	0.031 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.28 <i>U</i>	0.027 <i>UJ</i>	0.021 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.28 <i>U</i>	0.027 <i>UJ</i>	0.021 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.31 <i>U</i>	0.03 <i>UJ</i>	0.023 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.28 <i>U</i>	0.027 <i>UJ</i>	0.021 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.32 <i>U</i>	0.031 <i>UJ</i>	0.025 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.35 <i>U</i>	0.034 <i>UJ</i>	0.027 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.32 <i>U</i>	0.031 <i>UJ</i>	0.025 <i>UJ</i>
Hexachloroethane	67-72-1						0.31 <i>U</i>	0.03 <i>UJ</i>	0.023 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.51 <i>U</i>	0.049 <i>UJ</i>	0.038 <i>UJ</i>

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-41	SHL-41
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-40-(6-12) 02/20/2024	SHL-41-(0-6) 02/21/2024	SHL-41-(12-24) 02/21/2024
N-Nitrosodi-n-propylamine	621-64-7						0.41 <i>U</i>	0.039 <i>UJ</i>	0.031 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				1.9 <i>U</i>	0.19 <i>UJ</i>	0.15 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.27 <i>U</i>	0.026 <i>UJ</i>	0.02 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		2.4 <i>U</i>	0.0073 <i>U</i>	0.18 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.37 <i>U</i>	0.035 <i>U</i>	0.028 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19			0.00081 <i>U</i>	
1,1-Dichloroethene	75-35-4	0.33		0.33	100			0.00081 <i>UJ</i>	
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100			0.00048 <i>UJ</i>	
1,1,1,2-Tetrachloroethane	630-20-6							0.00066 <i>UJ</i>	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100			0.0015 <i>UJ</i>	
1,1,2-Trichloroethane	79-00-5							0.00086 <i>UJ</i>	
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35			0.0011 <i>UJ</i>	
1,2-Dibromo-3-chloropropane	96-12-8							0.0033 <i>UJ</i>	
1,2-Dibromoethane	106-93-4							0.00085 <i>UJ</i>	
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100			0.00052 <i>UJ</i>	
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3			0.00033 <i>UJ</i>	
1,2-Dichloropropane	78-87-5		700					0.0033 <i>UJ</i>	
1,2,4-Trichlorobenzene	120-82-1		20	3.4				0.0004 <i>UJ</i>	
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47			0.0013 <i>UJ</i>	
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17			0.00034 <i>UJ</i>	
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47			0.00043 <i>UJ</i>	
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8			0.00093 <i>UJ</i>	
2-Butanone	78-93-3	0.12	100	0.3	100			0.0024 <i>UJ</i>	
2-Hexanone	591-78-6							0.0033 <i>UJ</i>	
4-Methyl-2-pentanone	108-10-1			1				0.0022 <i>UJ</i>	
Acetone	67-64-1	0.05	2.2	0.05	100			0.0056 <i>UJ</i>	
Benzene	71-43-2	0.06	70	0.06	2.9			0.00032 <i>UJ</i>	
Bromodichloromethane	75-27-4							0.00089 <i>UJ</i>	
Bromoform	75-25-2							0.0033 <i>UJ</i>	
Bromomethane	74-83-9							0.0006 <i>U</i>	
Carbon disulfide	75-15-0			2.7	100			0.0033 <i>UJ</i>	
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4			0.00064 <i>UJ</i>	
Chlorobenzene	108-90-7	1.1	40	1.1	100			0.00087 <i>UJ</i>	
Chloroethane	75-00-3			1.9				0.0015 <i>U</i>	
Chloroform	67-66-3	0.37	12	0.37	10			0.00041 <i>UJ</i>	
Chloromethane	74-87-3							0.0004 <i>U</i>	
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59			0.00085 <i>UJ</i>	
cis-1,3-Dichloropropene	10061-01-5							0.00095 <i>UJ</i>	
Cyclohexane	110-82-7							0.00093 <i>UJ</i>	
Dibromochloromethane	124-48-1		10					0.00085 <i>UJ</i>	
Dichlorodifluoromethane	75-71-8							0.00055 <i>U</i>	
Ethylbenzene	100-41-4	1		1	30			0.00046 <i>UJ</i>	
Isopropylbenzene	98-82-8			2.3	100			0.001 <i>UJ</i>	
m,p-Xylene	179601-23-1							0.0011 <i>UJ</i>	
Methyl Acetate	79-20-9							0.004 <i>UJ</i>	
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62			0.00065 <i>U</i>	

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-40	SHL-41	SHL-41
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-40-(6-12) 02/20/2024	SHL-41-(0-6) 02/21/2024	SHL-41-(12-24) 02/21/2024
Methylcyclohexane	108-87-2							0.001 <i>UJ</i>	
Methylene Chloride	75-09-2	0.05	12	0.05	51			0.003 <i>U</i>	
n-Butylbenzene	104-51-8	12		12	100			0.00058 <i>UJ</i>	
n-Propylbenzene	103-65-1	3.9		3.9	100			0.00053 <i>UJ</i>	
o-Xylene	95-47-6							0.00087 <i>UJ</i>	
sec-Butylbenzene	135-98-8	11		11	100			0.00058 <i>UJ</i>	
Styrene	100-42-5		300					0.00033 <i>UJ</i>	
tert-Butylbenzene	98-06-6	5.9		5.9	100			0.00069 <i>UJ</i>	
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5			0.00089 <i>UJ</i>	
Toluene	108-88-3	0.7	36	0.7	100			0.00071 <i>J</i>	
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100			0.00068 <i>UJ</i>	
trans-1,3-Dichloropropene	10061-02-6							0.0029 <i>UJ</i>	
Trichloroethylene	79-01-6	0.47	2	0.47	10			0.0015 <i>UJ</i>	
Trichlorofluoromethane	75-69-4							0.00063 <i>U</i>	
Vinyl Chloride	75-01-4	0.02		0.02	0.21			0.00081 <i>U</i>	
Xylenes	1330-20-7	0.26	0.26	1.6	100			0.0011 <i>UJ</i>	

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-41	SS-40	SS-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-41-(6-12) 02/21/2024	FDUP_022024 02/20/2024	SS-40-(0-2) 02/20/2024
General Chemistry (mg/kg)									
Cyanide	57-12-5	27		40	27		0.6 <i>U</i>	1 <i>J</i>	0.68 <i>U</i>
Herbicides (mg/kg)									
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100			0.016 <i>U</i>	0.016 <i>U</i>
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100			0.0083 <i>U</i>	0.0083 <i>U</i>
Dichlorprop	120-36-5							0.013 <i>U</i>	0.013 <i>U</i>
Picloram	1918-02-1							0.011 <i>U</i>	0.011 <i>U</i>
Silvex	93-72-1	3.8		3.8	58			0.0094 <i>U</i>	0.0093 <i>U</i>
Metals (mg/kg)									
Aluminum	7429-90-5		10000				11800	12700	12800
Antimony	7440-36-0		12				2.4 <i>J</i>	0.92 <i>J</i>	0.66 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		12.8	8.1	8.4
Barium	7440-39-3	350	433	820	350		163 <i>J</i>	162	164
Beryllium	7440-41-7	7.2	10	47	14		0.55	0.56	0.55
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.73	0.45	0.43
Calcium	7440-70-2		10000				1530 <i>J</i>	3330 <i>J</i>	3120 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		14.5	15.6	15.2
Cobalt	7440-48-4		20		30		10	10.5	10.6
Copper	7440-50-8	50	50	1720	270		16.6	15.9	15.7
Iron	7439-89-6				2000		21000	22300	22700
Lead	7439-92-1	63	63	450	400		101 <i>J</i>	27.4	31.1
Magnesium	7439-95-4						2900 <i>J</i>	3350	3390
Manganese	7439-96-5	1600	1600	2000	2000		555 <i>J</i>	663	670
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.091	0.036	0.036
Nickel	7440-02-0	30	30	130	140		23.4	24.1	24.4
Potassium	7440-09-7						1240	1710	1670
Selenium	7782-49-2	3.9	3.9	4	36		0.77 <i>J</i>	1.1 <i>J</i>	0.65 <i>U</i>
Silver	7440-22-4	2	2	8.3	36		0.26 <i>U</i>	0.32 <i>U</i>	0.33 <i>U</i>
Sodium	7440-23-5						56.6 <i>J</i>	70.8 <i>J</i>	61.2 <i>J</i>
Thallium	7440-28-0		5				0.38 <i>U</i>	0.48 <i>U</i>	0.49 <i>U</i>
Vanadium	7440-62-2		39		100		17.9	18.8	18.9
Zinc	7440-66-6	109	109	2480	2200		81.6 <i>J</i>	85.9	84.5
TCLP Metals (mg/L)									
Arsenic	7440-38-2							0.0056 <i>U</i>	0.0056 <i>U</i>
Barium	7440-39-3							0.61 <i>J</i>	0.68 <i>J</i>
Cadmium	7440-43-9							0.002	0.0019 <i>J</i>
Chromium	7440-47-3							0.01 <i>U</i>	0.01 <i>U</i>
Lead	7439-92-1							0.003 <i>U</i>	0.003 <i>U</i>
Mercury	7439-97-6							0.000043 <i>U</i>	0.000043 <i>U</i>
Selenium	7782-49-2							0.0087 <i>U</i>	0.0087 <i>U</i>
Silver	7440-22-4							0.0017 <i>U</i>	0.0017 <i>U</i>

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-41	SS-40	SS-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SHL-41-(6-12)	FDUP_022024	SS-40-(0-2)
				Groundwater ^{b,c,e}		Sample Date	02/21/2024	02/20/2024	02/20/2024
Per- and Polyfluoroalkyl Substances (mg/kg)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9							0.00025 <i>U</i>	0.0002 <i>U</i>
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7							0.00063 <i>UJ</i>	0.00049 <i>UJ</i>
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9							0.000063 <i>U</i>	0.000049 <i>U</i>
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3							0.0016 <i>U</i>	0.0012 <i>U</i>
3:3 perfluorohexanoic acid	356-02-5							0.00032 <i>U</i>	0.00025 <i>U</i>
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4							0.00025 <i>U</i>	0.0002 <i>U</i>
4:2 fluorotelomer sulfonate	757124-72-4							0.00025 <i>U</i>	0.0002 <i>U</i>
6:2 Fluorotelomer sulfonic acid	27619-97-2							0.00025 <i>U</i>	0.0002 <i>U</i>
7:3 FTCA	812-70-4							0.0016 <i>U</i>	0.0012 <i>U</i>
8:2 Fluorotelomer sulfonic acid	39108-34-4							0.00025 <i>U</i>	0.0002 <i>U</i>
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1							0.00025 <i>U</i>	0.0002 <i>U</i>
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6							0.00025 <i>U</i>	0.0002 <i>U</i>
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2							0.00063 <i>UJ</i>	0.00049 <i>U</i>
N-ethylperfluoro-1-octanesulfonamide	4151-50-2							0.000063 <i>UJ</i>	0.000049 <i>U</i>
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6							0.000063 <i>U</i>	0.000049 <i>U</i>
N-methylperfluoro-1-octanesulfonamide	31506-32-8							0.000063 <i>U</i>	0.000049 <i>U</i>
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6							0.00013 <i>U</i>	0.000098 <i>U</i>
Perfluoro-3-methoxypropanoic acid	377-73-1							0.00013 <i>U</i>	0.000098 <i>U</i>
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7							0.00013 <i>U</i>	0.000098 <i>U</i>
Perfluoro(4-methoxybutanoic) acid	863090-89-5							0.00013 <i>U</i>	0.000098 <i>U</i>
Perfluorobutanesulfonic acid (PFBS)	375-73-5							0.000063 <i>U</i>	0.000049 <i>U</i>
Perfluorobutanoic acid	375-22-4							0.000268 <i>J</i>	0.0002 <i>U</i>
Perfluorodecanesulfonic acid (PFDS)	335-77-3							0.000063 <i>U</i>	0.000049 <i>U</i>
Perfluorodecanoic acid	335-76-2							0.0000785 <i>J</i>	0.000053 <i>J</i>
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5							0.000063 <i>U</i>	0.000049 <i>U</i>
Perfluorododecanoic Acid	307-55-1							0.000063 <i>U</i>	0.000049 <i>U</i>
Perfluoroheptanesulfonic acid	375-92-8							0.000063 <i>U</i>	0.000049 <i>U</i>
Perfluoroheptanoic acid	375-85-9							0.000103 <i>J</i>	0.000049 <i>U</i>
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4							0.000063 <i>U</i>	0.000049 <i>U</i>
Perfluorohexanoic acid	307-24-4							0.0000742 <i>J</i>	0.000049 <i>U</i>
Perfluorononanesulfonic acid	68259-12-1							0.000063 <i>U</i>	0.000049 <i>U</i>
Perfluorononanoic acid	375-95-1							0.000162 <i>J</i>	0.000092 <i>J</i>
Perfluorooctanesulfonamide (PFOSA)	754-91-6							0.000091 <i>J</i>	0.00016 <i>J</i>
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088			0.000384	0.00023
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066			0.000212 <i>J</i>	0.000096 <i>J</i>
Perfluoropentanesulfonic acid	2706-91-4							0.000063 <i>U</i>	0.000049 <i>U</i>
Perfluoropentanoic Acid	2706-90-3							0.00013 <i>U</i>	0.000098 <i>U</i>
Perfluorotetradecanoic Acid	376-06-7							0.000063 <i>U</i>	0.000049 <i>U</i>
Perfluorotridecanoic Acid	72629-94-8							0.0000703 <i>J</i>	0.000049 <i>U</i>
Perfluoroundecanoic Acid	2058-94-8							0.000115 <i>J</i>	0.00007 <i>J</i>

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-41	SS-40	SS-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-41-(6-12) 02/21/2024	FDUP_022024 02/20/2024	SS-40-(0-2) 02/20/2024
Pesticides (mg/kg)									
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6			0.0005 <i>U</i>	0.0005 <i>U</i>
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8			0.00054 <i>U</i>	0.00054 <i>U</i>
4,4'-DDD	50-29-3	0.0033	0.0033	136	1.7			0.0012 <i>J</i>	0.0016 <i>J</i>
Aldrin	309-00-2	0.005	0.14	0.19	0.019			0.00064 <i>U</i>	0.00064 <i>U</i>
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097			0.00047 <i>U</i>	0.00073 <i>J</i>
beta-BHC	319-85-7	0.036	0.6	0.09	0.072			0.00047 <i>U</i>	0.00046 <i>U</i>
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91			0.0013 <i>U</i>	0.0013 <i>U</i>
delta-BHC	319-86-8	0.04	0.04	0.25	100			0.00048 <i>U</i>	0.00048 <i>U</i>
Dieldrin	60-57-1	0.005	0.006	0.1	0.039			0.00062 <i>U</i>	0.00062 <i>U</i>
Endosulfan I	959-98-8	2.4		102	4.8			0.0014 <i>J</i>	0.00099 <i>J</i>
Endosulfan II	33213-65-9	2.4		102	4.8			0.00047 <i>U</i>	0.00046 <i>U</i>
Endosulfan sulfate	1031-07-8	2.4		1000	4.8			0.0011 <i>J</i>	0.0021 <i>J</i>
Endrin	72-20-8	0.014	0.014	0.06	2.2			0.00051 <i>U</i>	0.00051 <i>U</i>
Endrin aldehyde	7421-93-4							0.00066 <i>U</i>	0.00066 <i>U</i>
Endrin ketone	53494-70-5							0.00064 <i>U</i>	0.00064 <i>U</i>
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28			0.00048 <i>U</i>	0.00047 <i>U</i>
gamma-Chlordane	5566-34-7			14	0.54			0.00083 <i>U</i>	0.00082 <i>U</i>
Heptachlor	76-44-8	0.042	0.14	0.38	0.42			0.00056 <i>U</i>	0.0013 <i>J</i>
Heptachlor epoxide	1024-57-3			0.02	0.077			0.00067 <i>U</i>	0.00067 <i>U</i>
Methoxychlor	72-43-5		1.2	900	100			0.00053 <i>U</i>	0.00053 <i>U</i>
Toxaphene	8001-35-2							0.015 <i>U</i>	0.015 <i>U</i>
Petroleum (mg/kg)									
Hem (Oil & Grease)	CAS_NA_HEM							62.8 <i>U</i>	62.2 <i>U</i>
Polychlorinated Biphenyls (mg/kg)									
Aroclor 1016	12674-11-2	0.1	1	3.2	1			0.064 <i>U</i>	0.067 <i>U</i>
Aroclor 1221	11104-28-2	0.1	1	3.2	1			0.064 <i>U</i>	0.067 <i>U</i>
Aroclor 1232	11141-16-5	0.1	1	3.2	1			0.064 <i>U</i>	0.067 <i>U</i>
Aroclor 1242	53469-21-9	0.1	1	3.2	1			0.064 <i>U</i>	0.067 <i>U</i>
Aroclor 1248	12672-29-6	0.1	1	3.2	1			0.064 <i>U</i>	0.067 <i>U</i>
Aroclor 1254	11097-69-1	0.1	1	3.2	1			0.15 <i>U</i>	0.16 <i>U</i>
Aroclor 1260	11096-82-5	0.1	1	3.2	1			0.15 <i>U</i>	0.16 <i>U</i>
Semivolatile Organic Compounds (mg/kg)									
2-Methylnaphthalene	91-57-6			36.4	0.41		0.044 <i>UJ</i>	0.26 <i>U</i>	0.052 <i>U</i>
Acenaphthene	83-32-9	20	20	98	100		0.033 <i>UJ</i>	0.19 <i>U</i>	0.038 <i>U</i>
Acenaphthylene	208-96-8	100		107	100		0.029 <i>UJ</i>	0.17 <i>U</i>	0.034 <i>U</i>
Anthracene	120-12-7	100		1000	100		0.055 <i>UJ</i>	0.33 <i>U</i>	0.064 <i>U</i>
Benzo[a]anthracene	56-55-3	1		1	1		0.035 <i>J</i>	0.13 <i>U</i>	0.041 <i>J</i>
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.037 <i>J</i>	0.19 <i>U</i>	0.038 <i>U</i>
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.056 <i>J</i>	0.21 <i>U</i>	0.045 <i>J</i>
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.024 <i>UJ</i>	0.14 <i>U</i>	0.028 <i>U</i>
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.029 <i>UJ</i>	0.17 <i>U</i>	0.034 <i>U</i>
Chrysene	218-01-9	1		1	1		0.05 <i>UJ</i>	0.3 <i>U</i>	0.058 <i>U</i>
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.039 <i>UJ</i>	0.23 <i>U</i>	0.046 <i>U</i>
Fluoranthene	206-44-0	100		1000	100		0.065 <i>J</i>	0.14 <i>U</i>	0.07 <i>J</i>
Fluorene	86-73-7	30	30	386	100		0.026 <i>UJ</i>	0.16 <i>U</i>	0.031 <i>U</i>
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.027 <i>UJ</i>	0.16 <i>U</i>	0.032 <i>U</i>

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-41	SS-40	SS-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-41-(6-12) 02/21/2024	FDUP_022024 02/20/2024	SS-40-(0-2) 02/20/2024
Naphthalene	91-20-3	12		12	100		0.029 <i>UJ</i>	0.17 <i>U</i>	0.034 <i>U</i>
Phenanthrene	85-01-8	100		1000	100		0.033 <i>UJ</i>	0.19 <i>U</i>	0.041 <i>J</i>
Pyrene	129-00-0	100		1000	100		0.044 <i>J</i>	0.16 <i>U</i>	0.054 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.033 <i>UJ</i>	0.19 <i>U</i>	0.038 <i>U</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8			0.43 <i>U</i>	0.084 <i>U</i>
2-Chloronaphthalene	91-58-7						0.037 <i>UJ</i>	0.22 <i>U</i>	0.043 <i>U</i>
2-Chlorophenol	95-57-8		0.8		100		0.041 <i>U</i>	0.24 <i>U</i>	0.047 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.026 <i>U</i>	0.16 <i>U</i>	0.031 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.033 <i>UJ</i>	0.19 <i>U</i>	0.038 <i>U</i>
2-Nitrophenol	88-75-5		7	0.3			0.063 <i>U</i>	0.37 <i>U</i>	0.073 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.044 <i>UJ</i>	0.26 <i>U</i>	0.052 <i>U</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.024 <i>U</i>	0.14 <i>U</i>	0.028 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.054 <i>U</i>	0.32 <i>U</i>	0.063 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		1 <i>U</i>	6.1 <i>U</i>	1.2 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.046 <i>UJ</i>	0.27 <i>U</i>	0.053 <i>U</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.06 <i>U</i>	0.36 <i>U</i>	0.07 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.044 <i>U</i>	0.26 <i>U</i>	0.052 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.026 <i>UJ</i>	0.16 <i>U</i>	0.031 <i>U</i>
3-Nitroaniline	99-09-2			0.5			0.061 <i>UJ</i>	0.37 <i>U</i>	0.072 <i>U</i>
3,3'-Dichlorobenzidine	91-94-1						0.26 <i>UJ</i>	1.6 <i>UJ</i>	0.31 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.031 <i>UJ</i>	0.19 <i>U</i>	0.037 <i>U</i>
4-Chloro-3-methylphenol	59-50-7						0.055 <i>U</i>	0.33 <i>U</i>	0.064 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.055 <i>UJ</i>	0.33 <i>U</i>	0.064 <i>U</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.027 <i>UJ</i>	0.16 <i>U</i>	0.032 <i>U</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.026 <i>U</i>	0.16 <i>U</i>	0.031 <i>U</i>
4-Nitroaniline	100-01-6						0.12 <i>UJ</i>	0.69 <i>U</i>	0.14 <i>U</i>
4-Nitrophenol	100-02-7		7	0.1			0.16 <i>U</i>	0.93 <i>U</i>	0.18 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.22 <i>U</i>	1.3 <i>U</i>	0.26 <i>U</i>
Acetophenone	98-86-2						0.03 <i>UJ</i>	0.18 <i>U</i>	0.035 <i>U</i>
Atrazine	1912-24-9						0.077 <i>UJ</i>	0.46 <i>U</i>	0.09 <i>U</i>
Benzaldehyde	100-52-7						0.18 <i>UJ</i>	1.1 <i>U</i>	0.21 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.029 <i>UJ</i>	0.17 <i>U</i>	0.034 <i>U</i>
bis(2-Chloroethoxy)methane	111-91-1						0.047 <i>UJ</i>	0.28 <i>U</i>	0.055 <i>U</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.076 <i>UJ</i>	0.45 <i>U</i>	0.089 <i>U</i>
Butyl benzyl phthalate	85-68-7			122	100		0.037 <i>UJ</i>	0.22 <i>U</i>	0.062 <i>J</i>
Carbazole	86-74-8						0.026 <i>UJ</i>	0.16 <i>U</i>	0.031 <i>U</i>
Caprolactam	105-60-2						0.067 <i>UJ</i>	0.4 <i>U</i>	0.078 <i>U</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.038 <i>UJ</i>	0.23 <i>U</i>	0.044 <i>U</i>
Di-n-octylphthalate	117-84-0			120	100		0.026 <i>UJ</i>	0.16 <i>U</i>	0.031 <i>U</i>
Dibenzofuran	132-64-9	7		6.2	14		0.026 <i>UJ</i>	0.16 <i>U</i>	0.031 <i>U</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.029 <i>UJ</i>	0.17 <i>U</i>	0.034 <i>U</i>
Dimethyl phthalate	131-11-3		200	27	100		0.026 <i>UJ</i>	0.16 <i>U</i>	0.031 <i>U</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.03 <i>UJ</i>	0.18 <i>U</i>	0.035 <i>U</i>
Hexachlorobutadiene	87-68-3						0.033 <i>UJ</i>	0.19 <i>U</i>	0.038 <i>U</i>
Hexachlorocyclopentadiene	77-47-4		10				0.03 <i>UJ</i>	0.18 <i>U</i>	0.035 <i>U</i>
Hexachloroethane	67-72-1						0.029 <i>UJ</i>	0.17 <i>U</i>	0.034 <i>U</i>
Isophorone	78-59-1			4.4	100		0.047 <i>UJ</i>	0.28 <i>U</i>	0.055 <i>U</i>

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-41	SS-40	SS-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-41-(6-12) 02/21/2024	FDUP_022024 02/20/2024	SS-40-(0-2) 02/20/2024
N-Nitrosodi-n-propylamine	621-64-7						0.038 <i>UJ</i>	0.23 <i>U</i>	0.044 <i>U</i>
N-Nitrosodiphenylamine	86-30-6		20				0.18 <i>UJ</i>	1.1 <i>U</i>	0.21 <i>U</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.025 <i>UJ</i>	0.15 <i>U</i>	0.029 <i>U</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.22 <i>U</i>	0.0085 <i>U</i>	0.0084 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.034 <i>U</i>	0.2 <i>U</i>	0.04 <i>U</i>
Volatile Organic Compounds (mg/kg)									
1,1-Dichloroethane	75-34-3	0.27		0.27	19			0.00079 <i>U</i>	0.00077 <i>U</i>
1,1-Dichloroethene	75-35-4	0.33		0.33	100			0.00079 <i>U</i>	0.00077 <i>U</i>
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100			0.00047 <i>UJ</i>	0.00046 <i>UJ</i>
1,1,1,2-Tetrachloroethane	630-20-6							0.00064 <i>UJ</i>	0.00063 <i>UJ</i>
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100			0.0015 <i>U</i>	0.0014 <i>U</i>
1,1,2-Trichloroethane	79-00-5							0.00084 <i>UJ</i>	0.00082 <i>UJ</i>
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35			0.001 <i>UJ</i>	0.001 <i>UJ</i>
1,2-Dibromo-3-chloropropane	96-12-8							0.0032 <i>UJ</i>	0.0032 <i>UJ</i>
1,2-Dibromoethane	106-93-4							0.00083 <i>UJ</i>	0.00081 <i>UJ</i>
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100			0.0005 <i>UJ</i>	0.00049 <i>UJ</i>
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3			0.00032 <i>UJ</i>	0.00032 <i>UJ</i>
1,2-Dichloropropane	78-87-5		700					0.0032 <i>U</i>	0.0032 <i>U</i>
1,2,4-Trichlorobenzene	120-82-1		20	3.4				0.00039 <i>UJ</i>	0.00038 <i>UJ</i>
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47			0.0012 <i>UJ</i>	0.0012 <i>UJ</i>
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17			0.00033 <i>UJ</i>	0.00032 <i>UJ</i>
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47			0.00041 <i>UJ</i>	0.00041 <i>UJ</i>
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8			0.0009 <i>UJ</i>	0.00088 <i>UJ</i>
2-Butanone	78-93-3	0.12	100	0.3	100			0.0024 <i>UJ</i>	0.0023 <i>UJ</i>
2-Hexanone	591-78-6							0.0032 <i>UJ</i>	0.0032 <i>UJ</i>
4-Methyl-2-pentanone	108-10-1			1				0.0021 <i>UJ</i>	0.0021 <i>UJ</i>
Acetone	67-64-1	0.05	2.2	0.05	100			0.0054 <i>UJ</i>	0.0053 <i>UJ</i>
Benzene	71-43-2	0.06	70	0.06	2.9			0.00032 <i>UJ</i>	0.00031 <i>UJ</i>
Bromodichloromethane	75-27-4							0.00086 <i>UJ</i>	0.00084 <i>UJ</i>
Bromoform	75-25-2							0.0032 <i>UJ</i>	0.0032 <i>UJ</i>
Bromomethane	74-83-9							0.00058 <i>U</i>	0.00057 <i>U</i>
Carbon disulfide	75-15-0			2.7	100			0.0032 <i>UJ</i>	0.0032 <i>UJ</i>
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4			0.00062 <i>UJ</i>	0.00061 <i>UJ</i>
Chlorobenzene	108-90-7	1.1	40	1.1	100			0.00085 <i>UJ</i>	0.00083 <i>UJ</i>
Chloroethane	75-00-3			1.9				0.0015 <i>U</i>	0.0014 <i>U</i>
Chloroform	67-66-3	0.37	12	0.37	10			0.0004 <i>UJ</i>	0.00039 <i>UJ</i>
Chloromethane	74-87-3							0.00039 <i>U</i>	0.00038 <i>U</i>
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59			0.00082 <i>UJ</i>	0.00081 <i>UJ</i>
cis-1,3-Dichloropropene	10061-01-5							0.00093 <i>UJ</i>	0.00091 <i>UJ</i>
Cyclohexane	110-82-7							0.0009 <i>UJ</i>	0.00088 <i>UJ</i>
Dibromochloromethane	124-48-1		10					0.00082 <i>UJ</i>	0.00081 <i>UJ</i>
Dichlorodifluoromethane	75-71-8							0.00053 <i>U</i>	0.00052 <i>U</i>
Ethylbenzene	100-41-4	1		1	30			0.00044 <i>UJ</i>	0.00043 <i>UJ</i>
Isopropylbenzene	98-82-8			2.3	100			0.00097 <i>UJ</i>	0.00095 <i>UJ</i>
m,p-Xylene	179601-23-1							0.0011 <i>UJ</i>	0.0011 <i>UJ</i>
Methyl Acetate	79-20-9							0.0039 <i>UJ</i>	0.0038 <i>UJ</i>
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62			0.00063 <i>U</i>	0.00062 <i>U</i>

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SHL-41	SS-40	SS-40
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SHL-41-(6-12) 02/21/2024	FDUP_022024 02/20/2024	SS-40-(0-2) 02/20/2024
Methylcyclohexane	108-87-2							0.00098 <i>UJ</i>	0.00096 <i>UJ</i>
Methylene Chloride	75-09-2	0.05	12	0.05	51			0.003 <i>U</i>	0.0029 <i>U</i>
n-Butylbenzene	104-51-8	12		12	100			0.00056 <i>UJ</i>	0.00055 <i>UJ</i>
n-Propylbenzene	103-65-1	3.9		3.9	100			0.00052 <i>UJ</i>	0.0005 <i>UJ</i>
o-Xylene	95-47-6							0.00084 <i>UJ</i>	0.00082 <i>UJ</i>
sec-Butylbenzene	135-98-8	11		11	100			0.00056 <i>UJ</i>	0.00055 <i>UJ</i>
Styrene	100-42-5		300					0.00032 <i>UJ</i>	0.00032 <i>UJ</i>
tert-Butylbenzene	98-06-6	5.9		5.9	100			0.00067 <i>UJ</i>	0.00066 <i>UJ</i>
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5			0.00086 <i>UJ</i>	0.00085 <i>UJ</i>
Toluene	108-88-3	0.7	36	0.7	100			0.00049 <i>UJ</i>	0.00048 <i>UJ</i>
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100			0.00066 <i>UJ</i>	0.00065 <i>UJ</i>
trans-1,3-Dichloropropene	10061-02-6							0.0028 <i>UJ</i>	0.0028 <i>UJ</i>
Trichloroethylene	79-01-6	0.47	2	0.47	10			0.0014 <i>UJ</i>	0.0014 <i>UJ</i>
Trichlorofluoromethane	75-69-4							0.00061 <i>U</i>	0.0006 <i>U</i>
Vinyl Chloride	75-01-4	0.02		0.02	0.21			0.00079 <i>U</i>	0.00077 <i>U</i>
Xylenes	1330-20-7	0.26	0.26	1.6	100			0.0011 <i>UJ</i>	0.0011 <i>UJ</i>

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-41
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SS-41-(0-2)
		Groundwater ^{b,c,e}			Sample Date	02/21/2024	
General Chemistry (mg/kg)							
Cyanide	57-12-5	27		40	27		0.72 <i>U</i>
Herbicides (mg/kg)							
2,4-Dichlorophenoxyacetic acid	94-75-7			0.5	100		
2,4,5-Trichlorophenoxy-acetic acid	93-76-5			1.9	100		
Dichlorprop	120-36-5						
Picloram	1918-02-1						
Silvex	93-72-1	3.8		3.8	58		
Metals (mg/kg)							
Aluminum	7429-90-5		10000				12000
Antimony	7440-36-0		12				2.4 <i>J</i>
Arsenic	7440-38-2	13	13	16	16		11.1
Barium	7440-39-3	350	433	820	350		173 <i>J</i>
Beryllium	7440-41-7	7.2	10	47	14		0.54
Cadmium	7440-43-9	2.5	4	7.5	2.5		0.55
Calcium	7440-70-2		10000				2630 <i>J</i>
Chromium ⁹	7440-47-3	1	1	19	22		16.4
Cobalt	7440-48-4		20		30		9.9
Copper	7440-50-8	50	50	1720	270		17.8
Iron	7439-89-6				2000		21300
Lead	7439-92-1	63	63	450	400		68.1 <i>J</i>
Magnesium	7439-95-4						3030 <i>J</i>
Manganese	7439-96-5	1600	1600	2000	2000		551 <i>J</i>
Mercury	7439-97-6	0.18	0.18	0.73	0.81		0.055
Nickel	7440-02-0	30	30	130	140		24
Potassium	7440-09-7						1620
Selenium	7782-49-2	3.9	3.9	4	36		0.59 <i>U</i>
Silver	7440-22-4	2	2	8.3	36		0.3 <i>U</i>
Sodium	7440-23-5						52.8 <i>J</i>
Thallium	7440-28-0		5				0.44 <i>U</i>
Vanadium	7440-62-2		39		100		18.3
Zinc	7440-66-6	109	109	2480	2200		84 <i>J</i>
TCLP Metals (mg/L)							
Arsenic	7440-38-2						
Barium	7440-39-3						
Cadmium	7440-43-9						
Chromium	7440-47-3						
Lead	7439-92-1						
Mercury	7439-97-6						
Selenium	7782-49-2						
Silver	7440-22-4						

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-41
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SS-41-(0-2)
				Groundwater ^{b,c,e}		Sample Date	02/21/2024
Per- and Polyfluoroalkyl Substances (mg/kg)							
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9						
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7						
2-(N-Methylperfluorooctanesulfonamido)acetic acid	2355-31-9						
2H,2H,3H,3H-Perfluorooctanoic acid	914637-49-3						
3:3 perfluorohexanoic acid	356-02-5						
4,8-Dioxa-3h-perfluorononanoic acid (ADONA)	919005-14-4						
4:2 fluorotelomer sulfonate	757124-72-4						
6:2 Fluorotelomer sulfonic acid	27619-97-2						
7:3 FTCA	812-70-4						
8:2 Fluorotelomer sulfonic acid	39108-34-4						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1						
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6						
N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide	1691-99-2						
N-ethylperfluoro-1-octanesulfonamide	4151-50-2						
N-ethylperfluorooctane sulfonamidoacetic acid	2991-50-6						
N-methylperfluoro-1-octanesulfonamide	31506-32-8						
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6						
Perfluoro-3-methoxypropanoic acid	377-73-1						
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7						
Perfluoro(4-methoxybutanoic) acid	863090-89-5						
Perfluorobutanesulfonic acid (PFBS)	375-73-5						
Perfluorobutanoic acid	375-22-4						
Perfluorodecanesulfonic acid (PFDS)	335-77-3						
Perfluorodecanoic acid	335-76-2						
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5						
Perfluorododecanoic Acid	307-55-1						
Perfluoroheptanesulfonic acid	375-92-8						
Perfluoroheptanoic acid	375-85-9						
Perfluorohexanesulfonic Acid (Pfhxs)	355-46-4						
Perfluorohexanoic acid	307-24-4						
Perfluorononanesulfonic acid	68259-12-1						
Perfluorononanoic acid	375-95-1						
Perfluorooctanesulfonamide (PFOSA)	754-91-6						
Perfluorooctanesulfonic Acid (Pfos)	1763-23-1	0.00088		0.001	0.0088		
Perfluorooctanoic acid	335-67-1	0.00066		0.0008	0.0066		
Perfluoropentanesulfonic acid	2706-91-4						
Perfluoropentanoic Acid	2706-90-3						
Perfluorotetradecanoic Acid	376-06-7						
Perfluorotridecanoic Acid	72629-94-8						
Perfluoroundecanoic Acid	2058-94-8						

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-41
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SS-41-(0-2)
		Groundwater ^{b,c,e}			Sample Date	02/21/2024	
Pesticides (mg/kg)							
4,4'-DDD	72-54-8	0.0033	0.0033	14	2.6		
4,4'-DDE	72-55-9	0.0033	0.0033	17	1.8		
4,4'-DDD	50-29-3	0.0033	0.0033	136	1.7		
Aldrin	309-00-2	0.005	0.14	0.19	0.019		
alpha-BHC	319-84-6	0.02	0.04	0.02	0.097		
beta-BHC	319-85-7	0.036	0.6	0.09	0.072		
cis-Chlordane	5103-71-9	0.094	1.3	2.9	0.91		
delta-BHC	319-86-8	0.04	0.04	0.25	100		
Dieldrin	60-57-1	0.005	0.006	0.1	0.039		
Endosulfan I	959-98-8	2.4		102	4.8		
Endosulfan II	33213-65-9	2.4		102	4.8		
Endosulfan sulfate	1031-07-8	2.4		1000	4.8		
Endrin	72-20-8	0.014	0.014	0.06	2.2		
Endrin aldehyde	7421-93-4						
Endrin ketone	53494-70-5						
gamma-BHC (Lindane)	58-89-9	0.1	6	0.1	0.28		
gamma-Chlordane	5566-34-7			14	0.54		
Heptachlor	76-44-8	0.042	0.14	0.38	0.42		
Heptachlor epoxide	1024-57-3			0.02	0.077		
Methoxychlor	72-43-5		1.2	900	100		
Toxaphene	8001-35-2						
Petroleum (mg/kg)							
Hem (Oil & Grease)	CAS_NA_HEM						
Polychlorinated Biphenyls (mg/kg)							
Aroclor 1016	12674-11-2	0.1	1	3.2	1		
Aroclor 1221	11104-28-2	0.1	1	3.2	1		
Aroclor 1232	11141-16-5	0.1	1	3.2	1		
Aroclor 1242	53469-21-9	0.1	1	3.2	1		
Aroclor 1248	12672-29-6	0.1	1	3.2	1		
Aroclor 1254	11097-69-1	0.1	1	3.2	1		
Aroclor 1260	11096-82-5	0.1	1	3.2	1		
Semivolatile Organic Compounds (mg/kg)							
2-Methylnaphthalene	91-57-6			36.4	0.41		0.052 UJ
Acenaphthene	83-32-9	20	20	98	100		0.038 UJ
Acenaphthylene	208-96-8	100		107	100		0.034 UJ
Anthracene	120-12-7	100		1000	100		0.064 UJ
Benzo[a]anthracene	56-55-3	1		1	1		0.045 J
Benzo[a]pyrene	50-32-8	1	2.6	22	1		0.045 J
Benzo[b]fluoranthene	205-99-2	1		1.7	1		0.055 J
Benzo[g,h,i]perylene	191-24-2	100		1000	100		0.028 UJ
Benzo[k]fluoranthene	207-08-9	0.8		1.7	1		0.034 UJ
Chrysene	218-01-9	1		1	1		0.058 UJ
Dibenz[a,h]anthracene	53-70-3	0.33		1000	0.33		0.046 UJ
Fluoranthene	206-44-0	100		1000	100		0.071 J
Fluorene	86-73-7	30	30	386	100		0.031 UJ
Indeno[1,2,3-cd]pyrene	193-39-5	0.5		8.2	0.5		0.032 UJ

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-41
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of Groundwater ^{b,c,e}	Residential ^{b,c,f}	Sample ID Sample Date	SS-41-(0-2) 02/21/2024
Naphthalene	91-20-3	12		12	100		0.034 <i>UJ</i>
Phenanthrene	85-01-8	100		1000	100		0.038 <i>UJ</i>
Pyrene	129-00-0	100		1000	100		0.061 <i>J</i>
1,1'-Biphenyl	92-52-4		60				0.038 <i>UJ</i>
1,4-Dioxane	123-91-1	0.1	0.1	0.1	9.8		
2-Chloronaphthalene	91-58-7						0.043 <i>UJ</i>
2-Chlorophenol	95-57-8		0.8		100		0.048 <i>U</i>
2-Methylphenol	95-48-7	0.33		0.33	100		0.031 <i>U</i>
2-Nitroaniline	88-74-4			0.4			0.038 <i>UJ</i>
2-Nitrophenol	88-75-5		7	0.3			0.074 <i>U</i>
2,2'-oxybis(1-Chloropropane)	108-60-1						0.052 <i>UJ</i>
2,4-Dichlorophenol	120-83-2		20	0.4	100		0.028 <i>U</i>
2,4-Dimethylphenol	105-67-9						0.063 <i>U</i>
2,4-Dinitrophenol	51-28-5		20	0.2	100		1.2 <i>U</i>
2,4-Dinitrotoluene	121-14-2						0.054 <i>UJ</i>
2,4,5-Trichlorophenol	95-95-4		4	0.1	100		0.07 <i>U</i>
2,4,6-Trichlorophenol	88-06-2		10				0.052 <i>U</i>
2,6-Dinitrotoluene	606-20-2			1	1.03		0.031 <i>UJ</i>
3-Nitroaniline	99-09-2			0.5			0.072 <i>UJ</i>
3,3'-Dichlorobenzidine	91-94-1						0.31 <i>UJ</i>
4-Bromophenyl-phenylether	101-55-3						0.037 <i>UJ</i>
4-Chloro-3-methylphenol	59-50-7						0.064 <i>U</i>
4-Chloroaniline	106-47-8			0.22	100		0.064 <i>UJ</i>
4-Chlorophenyl-phenyl ether	7005-72-3						0.032 <i>UJ</i>
4-Methylphenol	106-44-5	0.33		0.33	34		0.031 <i>U</i>
4-Nitroaniline	100-01-6						0.14 <i>UJ</i>
4-Nitrophenol	100-02-7		7	0.1			0.18 <i>U</i>
4,6-Dinitro-O-cresol	534-52-1						0.26 <i>U</i>
Acetophenone	98-86-2						0.035 <i>UJ</i>
Atrazine	1912-24-9						0.09 <i>UJ</i>
Benzaldehyde	100-52-7						0.21 <i>UJ</i>
Bis(2-chloroethyl)ether	111-44-4						0.034 <i>UJ</i>
bis(2-Chloroethoxy)methane	111-91-1						0.055 <i>UJ</i>
bis(2-Ethylhexyl)phthalate	117-81-7		239	435	50		0.089 <i>UJ</i>
Butyl benzyl phthalate	85-68-7			122	100		0.043 <i>UJ</i>
Carbazole	86-74-8						0.031 <i>UJ</i>
Caprolactam	105-60-2						0.078 <i>UJ</i>
Di-n-butyl phthalate	84-74-2		0.014	8.1	100		0.044 <i>UJ</i>
Di-n-octylphthalate	117-84-0			120	100		0.031 <i>UJ</i>
Dibenzofuran	132-64-9	7		6.2	14		0.031 <i>UJ</i>
Diethyl phthalate	84-66-2		100	7.1	100		0.034 <i>UJ</i>
Dimethyl phthalate	131-11-3		200	27	100		0.031 <i>UJ</i>
Hexachlorobenzene	118-74-1	0.33		1.4	0.41		0.035 <i>UJ</i>
Hexachlorobutadiene	87-68-3						0.038 <i>UJ</i>
Hexachlorocyclopentadiene	77-47-4		10				0.035 <i>UJ</i>
Hexachloroethane	67-72-1						0.034 <i>UJ</i>
Isophorone	78-59-1			4.4	100		0.055 <i>UJ</i>

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO Unrestricted ^{a,b,c}	NYSDEC SCO Ecological ^{c,d}	NYSDEC SCO Protection of Groundwater ^{b,c,e}	NYSDEC SCO Residential ^{b,c,f}	Location ID	SS-41
						Sample ID Sample Date	SS-41-(0-2) 02/21/2024
N-Nitrosodi-n-propylamine	621-64-7						0.044 <i>UJ</i>
N-Nitrosodiphenylamine	86-30-6		20				0.21 <i>UJ</i>
Nitrobenzene	98-95-3		40	0.17	3.7		0.029 <i>UJ</i>
Pentachlorophenol	87-86-5	0.8	0.8	0.8	2.4		0.26 <i>U</i>
Phenol	108-95-2	0.33	30	0.33	100		0.04 <i>U</i>
Volatile Organic Compounds (mg/kg)							
1,1-Dichloroethane	75-34-3	0.27		0.27	19		
1,1-Dichloroethene	75-35-4	0.33		0.33	100		
1,1,1-Trichloroethane	71-55-6	0.68		0.68	100		
1,1,1,2-Tetrachloroethane	630-20-6						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1			6	100		
1,1,2-Trichloroethane	79-00-5						
1,1,2,2-Tetrachloroethane	79-34-5			0.6	35		
1,2-Dibromo-3-chloropropane	96-12-8						
1,2-Dibromoethane	106-93-4						
1,2-Dichlorobenzene	95-50-1	1.1		1.1	100		
1,2-Dichloroethane	107-06-2	0.02	10	0.02	2.3		
1,2-Dichloropropane	78-87-5		700				
1,2,4-Trichlorobenzene	120-82-1		20	3.4			
1,2,4-Trimethylbenzene	95-63-6	3.6		3.6	47		
1,3-Dichlorobenzene	541-73-1	2.4		2.4	17		
1,3,5-Trimethylbenzene	108-67-8	8.4		8.4	47		
1,4-Dichlorobenzene	106-46-7	1.8	20	1.8	9.8		
2-Butanone	78-93-3	0.12	100	0.3	100		
2-Hexanone	591-78-6						
4-Methyl-2-pentanone	108-10-1			1			
Acetone	67-64-1	0.05	2.2	0.05	100		
Benzene	71-43-2	0.06	70	0.06	2.9		
Bromodichloromethane	75-27-4						
Bromoform	75-25-2						
Bromomethane	74-83-9						
Carbon disulfide	75-15-0			2.7	100		
Carbon Tetrachloride	56-23-5	0.76		0.76	1.4		
Chlorobenzene	108-90-7	1.1	40	1.1	100		
Chloroethane	75-00-3			1.9			
Chloroform	67-66-3	0.37	12	0.37	10		
Chloromethane	74-87-3						
cis-1,2-Dichloroethene	156-59-2	0.25		0.25	59		
cis-1,3-Dichloropropene	10061-01-5						
Cyclohexane	110-82-7						
Dibromochloromethane	124-48-1		10				
Dichlorodifluoromethane	75-71-8						
Ethylbenzene	100-41-4	1		1	30		
Isopropylbenzene	98-82-8			2.3	100		
m,p-Xylene	179601-23-1						
Methyl Acetate	79-20-9						
Methyl tert-butyl ether	1634-04-4	0.93		0.93	62		

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Analyte	CAS Number	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	NYSDEC SCO	Location ID	SS-41
		Unrestricted ^{a,b,c}	Ecological ^{c,d}	Protection of	Residential ^{b,c,f}	Sample ID	SS-41-(0-2)
				Groundwater ^{b,c,e}		Sample Date	02/21/2024
Methylcyclohexane	108-87-2						
Methylene Chloride	75-09-2	0.05	12	0.05	51		
n-Butylbenzene	104-51-8	12		12	100		
n-Propylbenzene	103-65-1	3.9		3.9	100		
o-Xylene	95-47-6						
sec-Butylbenzene	135-98-8	11		11	100		
Styrene	100-42-5		300				
tert-Butylbenzene	98-06-6	5.9		5.9	100		
Tetrachloroethene	127-18-4	1.3	2	1.3	5.5		
Toluene	108-88-3	0.7	36	0.7	100		
trans-1,2-Dichloroethene	156-60-5	0.19		0.19	100		
trans-1,3-Dichloropropene	10061-02-6						
Trichloroethylene	79-01-6	0.47	2	0.47	10		
Trichlorofluoromethane	75-69-4						
Vinyl Chloride	75-01-4	0.02		0.02	0.21		
Xylenes	1330-20-7	0.26	0.26	1.6	100		

Table 2-5. Post Creek Property Validated Analytical Results
Parcel 282.00-02-018.200 (N)

Notes:	
Rejected results not reported on table.	
Bold = Exceeds NYSDEC Restricted Use SCO, Protection of Ecological Resources	
<u>Underline</u> = Exceeds NYSDEC Restricted Use SCO, Protection of Groundwater	
<i>Italic</i> = Exceeds NYSDEC Unrestricted Use SCO	
Shading = Exceeds NYSDEC Restricted Use SCO, Residential	
CAS = Chemical Abstract Service	
mg/kg = milligrams per kilogram	
mg/L = milligrams per liter	
NYSDEC = New York State Department of Environmental Conservation	
SCO = soil cleanup objective	
TCLP = toxicity characteristic leaching procedure	
Qualifiers:	
J = Quantitation is approximate with no direction of bias due to limitations identified during data validation.	
U = The laboratory reported this analyte as “not-detected” or this analyte was detected in a laboratory, field, and/or equipment blank at a similar level and should be considered “not-detected.”	
UJ = This analyte was not detected, but the detection limit may or may not be higher due to a bias identified during data validation.	
^a NYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives	
^b NYSDEC, 2023, 6 NYCRR PART 375 Environmental Remediation Programs, Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS), Guidance Values for Anticipated Site Use	
^c NYSDEC, 2010, CP-51 Soil Cleanup Guidance, Supplemental Soil Cleanup Objective	
^d NYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Protection of Ecological Resources	
^e NYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Protection of Groundwater	
^f NYSDEC, 2006, 6 NYCRR PART 375 Environmental Remediation Programs, Table 375-6.8(b): Restricted Use Soil Cleanup Objectives, Residential	
^g Screening criteria is conservatively compared to hexavalent chromium SCOs	

Appendix B

Data Validation Resumes



FIELDS OF COMPETENCE

- Development and administration of quality assurance programs.
- Quality assurance oversight for environmental investigatory and remedial projects.
- Corporate laboratory program design, execution, and maintenance.
- Project management.
- Quality assurance project plan preparation.
- Laboratory auditing.
- Analytical request for proposal preparation and proposal review and evaluation.
- Analytical and environmental chemistry consulting.
- Data validation.

CREDENTIALS

Graduate coursework toward M.S. Chemistry Degree at Villanova University, Pennsylvania.

B.S., Chemistry, Bloomsburg University, Bloomsburg, Pennsylvania, 2002.

SUMMARY OF EXPERIENCE

Ms. Gable has 18 years of analytical quality assurance and project management experience at Environmental Standards. Ms. Gable serves as QA Oversight Project Manager for multiple national Environmental Contract Laboratory Programs and coordinates discrete and ongoing quality monitoring activities including laboratory auditing, performance evaluation studies, and data validation. In addition, Ms. Gable serves as the technical reference point for the laboratory programs. She has assisted several clients in preparing technical requests for proposal for environmental laboratory services and in selecting appropriate laboratories to meet their specific requirements. Ms. Gable has developed quality assurance project plans for several projects

encompassing various sample matrices and analytical parameters. In addition, Ms. Gable has assisted in the coordination and implementation of quality assurance programs for projects of varied size and scope. Ms. Gable has conducted numerous on-site audits of environmental laboratories ranging from small wastewater facilities to large, full-service environmental and industrial hygiene laboratories. She is experienced in validation of data to determine analytical data quality and usability. Data reviewed include those for air, soil/sediment, aqueous, and biological tissue samples analyzed in accordance with US EPA Contract Laboratory Protocols (CLP) and SW-846 Methods

KEY PROJECTS

- Provided quality assurance oversight for a large-scale, long-term fly ash recovery project involving a wide variety of sample matrices and analytical methodology. Served as a technical resource for chemistry quality assurance for all aspects of the data life cycle, from sample collection and analysis through data review and archival. Acted as a liaison between field sampling, laboratory, and data management personnel to ensure project data quality objectives were met. Ms. Gable prepared several documents including the site Quality Assurance Project Plan, technical specifications for analytical laboratories, and various white papers and technical memorandum related to data quality.
- Designed and executed an environmental corporate laboratory program encompassing \$3 to \$4 million in annual analytical expenditures. Prepared the Technical Specifications Manual and Request for Proposal; reviewed and scored proposals from eight major national environmental laboratories; and coordinated the laboratory program rollout meeting.
- Led several clients through analytical laboratory services procurement processes. Conducted needs assessments, designed technical requirements, and evaluated responses to assist clients in selecting laboratory for contract.

KEY PROJECTS (Continued)

- Served as Project Manager for national contract laboratory programs. Serves as QA oversight manager and coordinates discrete and ongoing quality monitoring activities including laboratory auditing, performance evaluation studies, and periodic data validation. Also serves as primary contact for the programs' Help Desks.
- Served as Project Manager for several projects of varying size and scope. Served as a consulting chemist and on-site quality assurance oversight representative. Coordinated the efforts of staff chemists to perform validation of organic and inorganic analytical data and to prepare technical quality assurance reports; communicated with clients regarding validation issues.
- Audited organic, inorganic, wet chemistry, and industrial hygiene parameters at several environmental laboratories to evaluate compliance with laboratory standard operating procedures, good laboratory practice, and client-specific or project-specific requirements.
- Planned and executed single-blind and double-blind performance evaluation studies as part of quality monitoring activities for several corporate laboratory programs and on a project-specific basis.
- Prepared Technical Specifications Manuals for several Environmental Corporate Laboratory Programs.
- Developed laboratory requests for proposal for submission to several laboratories as part of a corporate laboratory program re-bid for a major energy corporation.
- Managed and performed senior-level review for data validation projects.
- Performed analytical data validation interpreting volatiles, semivolatiles, PCBs, inorganics, and wet chemistry analyses and developed technical quality assurance reports for projects of varying size and scope.

PUBLICATIONS/PRESENTATIONS

- Mathews, T. J., A. M. Fortner, R. T. Jett, J. Morris, J. Gable, M. J. Peterson, and N. Carriker. "Selenium Bioaccumulation in Fish Exposed to Coal Ash at the Tennessee Valley Authority Kingston Spill Site." *Environmental Toxicology & Chemistry*, accepted for publication June 13, 2014.
- Rogers, W., R. J. Vitale, J. N. Gable, E. E. Rodgers, J. P. Kraycik, and N. E. Carriker. "Porewater Studies Subsequent to the Kingston Ash Event." *World of Coal Ash Conference*, Lexington, KY, April 2013.
- Babyak, C., J. Gable, K. C. P. Lee, W. Rogers, R. J. Vitale, N. Carriker. "Multi-laboratory Comparison of Sequential Metals Extractions." *Goldschmidt Conference*, Montreal, Quebec, June 2012.
- Vitale, R. J., J. Gable, E. Cowan, K. Seramur, W. Rogers, N. Carriker, C. Babyak. "Chemical, Optical and Magnetic Susceptibility Characterization of Coal Fly Ash." *Goldschmidt Conference*, Montreal, Quebec, June 2012.
- Forman, R. L., R. J. Vitale, J. N. Gable. "Important Factors for Performing Percent Moisture Tests on Biological Matrices." *Sediment Management Work Group (SMWG) Fall Sponsor Forum*, Philadelphia, PA, October 2011.
- Gable, J. N., R. L. Forman, R. J. Vitale. "Laboratory Selection During Emergency Response Actions – Balancing the Need for Quality Data With the Need for Quick Data." *National Environmental Monitoring Conference (NEMC)*, Bellevue, WA, August 2011.
- Vitale, R. J., R. L. Forman, J. N. Gable, E. E. Rodgers, *et. al.* "Implementation of a Field and Laboratory Quality Oversight Program During the TVA Kingston Fly Ash Recovery Project to Ensure High Quality and Defensible Data." *TVA-Kingston Fly Ash Release Environmental Research Symposium*, Harriman, TN, August 2-3, 2011.

PUBLICATIONS/PRESENTATIONS (Continued)

Rogers, W. J., R. J. Vitale, J. N. Gable, E. E. Rodgers, J. Gruzalski, and N. E. Carriker. "Observations of Metals and Metalloids in Sediment Porewater Associated with the Tennessee Valley Authority, Kingston, TN Ash Recovery." TVA-Kingston Fly Ash Release Environmental Research Symposium, Harriman, TN, August 2-3, 2011.

Gable, J. N. "Purchasing Analytical Services: Method Flexibility and the Need to Educate Analytical Buyers." East Tennessee Environmental Conference. Kingsport, TN. March 16-17, 2010.

Carriker, N., R. J. Vitale, R. L. Forman, and J. N. Gable. "Kingston Ash Release - Initial Water and Sediment Monitoring Response and Subsequent Refinements (Poster)." SETAC Annual Meeting, New Orleans, LA, 2009.

Vitale, R.J. and Gable, J. "Laboratory MDL Verification Studies – No Guidance and No Rules for Defining Detection." TCEQ 2008. Austin, TX, April 2008.

Schott (Gable), J. N., S. T. Zeiner, D. R. Blye, and D. J. Lancaster. "Evaluating Calibration Model Reliability." The 20th Annual National Environmental Monitoring Conference, Washington, DC. July 19-23, 2004.



FIELDS OF COMPETENCE

- Analytical and environmental forensic evaluation
- Analytical method specification design and third-party evaluation
- Laboratory program design, execution, and maintenance
- Laboratory auditing
- Forensic project design, execution, and data evaluation
- Performance evaluation (PE) study design and execution
- Project-specific analytical/sampling Request for Proposal (RFP) preparation
- Project-specific quality assurance (QA) oversight
- Quality Assurance Project Plan (QAPP) and data quality objective (DQO) preparation/evaluation
- Rigorous third-party data validation for remedial investigation/feasibility study (RI/FS), Resource Conservation and Recovery Act (RCRA) facility investigation/corrective measures study (RFI/CMS), Permit B, delisting studies, and Clean Air Act (CAA) stack tests
- Technical liaison among laboratories, industries, and consultants
- Theoretical and practical knowledge of all facets of quantitative analysis for organic, inorganic, and general chemistry pollutants by published methodologies
- Air, surface, and bulk sampling using viable and nonviable collection procedures for fungal and other biological analytes
- Air, surface, and bulk sampling using active and passive sample-collection procedures
- Indoor air quality (IAQ) investigation/design and execution for chemical and biological contamination and assessment of indoor environments

CREDENTIALS

B.S., Chemistry, Shippensburg University, Pennsylvania, 1988.

Shippensburg University, Pennsylvania. Graduate Analytical Chemistry Coursework.

CERTIFICATIONS

Certified Environmental Analytical Chemist (CEAC) – National Registry of Certified Chemists (NRCC), Washington, DC.

PROFESSIONAL DEVELOPMENT COURSES

“Agilent OpenLAB CDS ChemStation User Training.” Valley Forge, PA. September 24 and 25, 2015.

“IAQA Philadelphia Chapter Workshop.” Indoor Air Quality Association Philadelphia Chapter. Villanova, PA. December 11, 2009.

“Mold, Allergens, Sampling, and Data Interpretation.” Environmental Microbiology Laboratory. Philadelphia, PA. December 12, 2006.

“IAQ/IH Sampling Workshop.” EMSL Analytical, Inc. Plymouth Meeting, PA. May 15, 2008.

PROFESSIONAL AFFILIATIONS

American Institute of Chemists – Member
American Industrial Hygiene Association, Philadelphia Section – Member
American Society for Quality – Member
Association for Environmental Health and Sciences Foundation - Member

SUMMARY OF EXPERIENCE

Mr. Zeiner has 32 years of analytical and QA experience. Specifically, he has 2 years of analytical experience performing analyses for organic contaminants in a variety of media by instrumental methods, including research and development of analytical methodologies.

SUMMARY OF EXPERIENCE (Continued)

As a Senior Technical Chemist, Mr. Zeiner has 30 years of experience in the following fields: project management; project scoping and costing; design and execution of contract laboratory programs; method development and validation; forensic evaluation of data; forensic project design; laboratory audits/evaluations; third-party review and production of QAPPs; RCRA facility investigation/corrective action plan (RFI/CAP) and remedial actions; design of specialty analytical data package deliverables to accommodate project-specific DQOs; organic, inorganic, and general chemistry data validation; third-party review and critique of laboratory-prepared analytical methods; specification of quality assurance/quality control (QA/QC) parameters for investigative sampling events; third-party review and critique of laboratory standard operating procedures (SOPs); sample collection program design; design and execution of performance evaluation studies; IAQ investigation design/execution and litigation support; and air sample collection using a variety of methods.

Prior to employment at Environmental Standards, Mr. Zeiner was a Chemist for a large independent analytical laboratory. He was responsible for performing volatile organic analyses by SW-846 and US EPA 500 and 600 Series Methods using purge-and-trap gas chromatography (GC) with photoionization (PID), flame ionization (FID), and electrolyte conductivity detectors (ELCD). His responsibilities included writing laboratory-specific modifications of SW-846 and US EPA methods, writing and updating SOPs, designing and implementing a comprehensive repair and preventive maintenance program, and training 16 Chemists in the repair and performance of preventive maintenance procedures for purge-and-trap GCs. In addition, he researched and developed a laboratory method for the application of purge-and-trap GC techniques for separation and detection of oxyanion compounds in water and solid matrices.

KEY PROJECTS

- Served as Project Manager, client contact, and technical review member for the Project Team that critically reviewed and commented on the Draft US EPA Method 1633 to support a consortium of industrial, law firm, and municipal clients. Draft US EPA Method 1633 provides procedures for the preparation of non-drinking water, solid, and tissue samples for per- and polyfluoroalkyl substances (PFAS) determination.

The review and comment document was supplied to the US EPA Method Development Team. A significant number of technical comments were provided, and numerous inconsistencies were identified within the Draft US EPA Method 1633 document.

- Served as part of the Project Team that critically reviewed and commented on SW-846 Method 8327 for preparation and analysis of PFAS.
- Served as Project Manager and part of the Technical Team for a Connecticut State site investigation that included aqueous, sediment, soil, and fish tissue samples analyzed for PFAS analytes. The three project events included approximately several hundred samples for all matrices. The PFAS analyses included PFAS compound and isomer-specific analysis for PFOS and PFOA, and total oxidizable precursor (TOP) assay analysis.
- Served as part of the Project Team that critically reviewed and commented on the California State Water Resources Control Board (SWRCB) 2019 PFAS Sampling and Analysis Orders to support a consortium of industrial clients. The 2019 Orders addressed procedures for the sampling and analysis of water and soil PFAS samples at California airports and landfills. The review and comment document were supplied to the California SWRCB.
- Served as Project Manager for two industrial clients to provide PFAS technical support in response to California SWRCB PFAS orders to investigate and delineate the potential for PFAS contamination in groundwater, soils, leachates, and stormwater samples. Environmental Standards provided technical support for generation of Work Plans and QA documents.
- Served as Project Manager for an Industry Group for the review and evaluation of PFAS data gathered as part of the Unregulated Contaminant Monitoring Rule #3 (UCMR3) were sufficient for establishing maximum contaminant levels in drinking water. This effort included the evaluation of the analytical data for outliers and data quality.

KEY PROJECTS (Continued)

Served as client contact and Project Manager for a New York State PFAS project where the approximately 20 groundwater samples were analyzed using a laboratory-specific modified USEPA Method 537.1 that utilized extracted internal standard compounds and an expanded analyte list. Environmental Standards' assignment was to provide data validation and chemistry support.

- Served as client contact and Project Manager for a California State PFAS project where the approximately 20 groundwater samples and additional 10 solid samples were analyzed using a laboratory-specific modified US EPA Method 537.1 that utilized extracted internal standard compounds and an expanded analyte list. In addition, the groundwater samples were analyzed for groundwater quality parameters. Environmental Standards' assignment was to provide data validation and chemistry support.
- Served as client contact, Project Manager, and technical support for an industrial client to develop PFAS technical specifications for aqueous sample preparation and analysis utilizing the client-specific methodology for commercial laboratories to utilize. Environmental Standards assisted with the identification of candidate laboratories, generation of an RFP, assistance with contracting the laboratories, and audit of the awarded laboratories.
- Served as client contact, Project Manager and Technical Lead on the statistical evaluation and assessment of a field screening and associated laboratory analysis results. The project entailed statistical evaluation of combustible gas screening data and associated dissolved methane analytical results to determine the strength of correlation and if the field screen can effectively identify the predict the presence and relative concentration of dissolved methane. The statistical evaluation includes an evaluation of multiple variables to determine if concentration or laboratory impacted the data. The client was able to confirm the efficacy of the field screening to identify the presence of dissolved methane above an Agency-required limit.
- Served as part of the Emergency Response Team for an oil spill in the Gulf of Mexico. Served as Data Validation Task Manager and provided technical support for the QA oversight efforts. The project included thousands of samples collected and analyzed for a wide variety of analytes. The Project Team coordinated with multiple laboratories, consultants, and governmental agencies to facilitate the collection, submission, analysis, and reporting of the analytical data. The data collected were utilized for forensic analysis of the data and for risk assessments. The data validation effort included both Stage 2A and Stage 4 validation efforts.
- Served as Data Validation Task Manager for a large Natural Resources Damage Assessment project in the Gulf of Mexico. The Project Team coordinated with multiple laboratories and consultants for validation and reporting of the analytical data. The data validation effort included both Stage 2B and Stage 4 validation efforts.
- Served as client contact and Project Manager for a large Region II Site. Environmental Standards' assignment was to provide data validation, data management support, and chemistry support. The analytical suite included Contract Laboratory Program (CLP) organic and inorganic parameters.
- Served as Project Manager and QA support for a large Region II CLP Superfund investigation. The Client requested that Environmental Standards provide support as the prior data validation firm had neither adequately evaluated data, nor supported the project electronic data needs. The Client was able to complete the sample collection, analysis, and reporting to meet the initial investigation project timeline and meet project goals.
- Served as Technical Lead on the development of PFAS sample collection, sample analysis, and results reporting documents. The project supports the Client's need to control the quality of the PFAS data being generated as part of its sites in a number of states. The Client has utilized these guidance documents to improve consistency, analytical, and reporting accuracy for its sites.
- Served as Technical Lead on a hexavalent chromium emission performance study. The objective of the study was to address the concern that the methodology had the potential for inter-valence conversion of trivalent chromium to hexavalent chromium and/or of hexavalent chromium to trivalent chromium during sample

KEY PROJECTS (Continued)

collection, preparation, and analysis due to the sample matrix. US EPA Method 0061 indicates that sample matrix may facilitate the conversion and that a post-sampling nitrogen purge and sample filtration are ways to address these potential matrix issues.

- Conducted on-site audits of numerous environmental analytical laboratory facilities. The on-site audits included evaluations of the laboratory's sample login and receipt procedures, organization, sample preparation methods, analytical expertise and method compliance, QA/QC procedures, logbook documentation procedures, data package preparation procedures, and results reporting and review procedures. Co-authored detailed audit reports that included descriptions of the laboratory procedures and recommendations for improvements.
- Performed in-depth, on-site audits of the QA/QC systems at four chemical agent disposal facilities in Alabama, Arkansas, Oregon, and Utah. These audits required an understanding of the acceptable exposure limits and the analytical challenge program required by the U.S. Army Chemical Management Agency for Near Real Time Automatic Continuous Air Monitoring Systems (ACAMS) and Depot Area Air Monitoring Systems (DAAMS) historical and confirmatory analyses. These audits required an understanding of appropriate conditions of operations, the Laboratory Analysis Monitoring Plan, the Laboratory QC Plan, and the SOPs for the sample collection and analysis.
- Served as part of the Environmental Chemistry Team to support defense litigation for a site where the main analyte of concern was technical chlordane. Responsibilities included evaluation of historical data, validation of current data, and production of expert reports. The evaluation of technical chlordane included research into the production and production specifications of technical chlordane.
- Served as a Project Manager and provided QA support to a Fortune 500 industrial client for a US EPA Region IV site investigation. Served as contact point for analytical performance and data quality issues, managed Chemists performing data usability assessment on aqueous samples, and facilitated database modification.
- Served as Data Validation Project Manager for US EPA Region II and New York State Department of Environmental Conservation (NYSDEC) site investigations. Duties included data login and tracking, assisting in technical data validation problems, reviewing QA reports, tracking budgets for data package review, and providing technical assistance to clients.
- Served as Project Manager for the development of a corporate contract laboratory program that included a Laboratory Users/Corporate Quality Assurance Guide. Developed a written survey to collect project information from approximately 80 client sites. Designed a client-specific RFP. Additionally, laboratory audits were performed on the short-listed laboratories, and the laboratory proposals were evaluated and ranked.
- Served as a Project Manager and provided QA support to a Fortune 500 industrial client for a Texas RFI. Served as contact point for analytical performance and data quality issues, managed Chemists performing data usability assessment on solid and aqueous samples and facilitated database modification.
- Served as a Project Manager and provided technical support for a major Alaskan oil pipeline company for all remediation and monitoring activities conducted by the company. Served as a contact point for validation requests and managed Chemists performing data validation on solid, aqueous, and waste sample data.
- Served as a Project Manager and provided technical support to a Fortune 100 industrial client for a US EPA Region II RI/FS. Served as contact point for technical questions regarding data quality issues and managed Chemists performing data validation on solid and aqueous sample data.
- Served as Project Manager for a preliminary NYSDEC site investigation for polychlorinated biphenyl (PCB) Aroclor characterization. Responsibilities included the preparation of a Request for Quotation (RFQ), review and evaluation of proposals, preparation of data package deliverables that were required for the project-specific analytical protocol, and performance of a laboratory audit of the selected project laboratory.

KEY PROJECTS (Continued)

- Served as part of the Peer-review Team for the US EPA Region I volatile organic, semivolatile organic, and pesticide/PCB data validation guidelines.
- Served as an on-site technical consultant to three laboratories. Duties included the review of data package deliverables prior to issuance and the review of analytical data for accuracy and adherence to volatile organic, semivolatile organic, and inorganic method protocols.
- Served as Data Validation Project Manager and provided QA support for a Metals Parts Furnace Halogenated Wastes and Carbon Micronization System with Deactivation Furnace System Performance Tests portions of a trial burn. Validated liquid, solid, and air samples analyzed for particulate matter, hydrochloric acid, chloride, hydrofluoric acid, trace metals, total organics, polychlorinated dibenzo-*p*-dioxins/polychlorinated dibenzofurans, volatile and semivolatile products of incomplete combustion, and PCB congeners. Assisted the client and project laboratory to establish the requirements for a fully documented data package. Provided interface among Environmental Standards, the client, and the project laboratory for resolution of technical issues.
- Served as part of a Project Team for the review and comparison of US EPA stack testing methodologies and European stack testing methodologies for polychlorinated dibenzodioxin/polychlorinated dibenzofuran.
- Provided data validation services for an RFI at a major aircraft corporation. Reviewed PCDD/PCDF, volatile, semivolatile, and pesticide/PCB compounds for several data package delivery groups. Prepared reports and performed secondary review of reports and data tables for several additional packages.
- Developed an RFQ that included the analytical specifications and QA/QC procedures necessary for laboratories to perform work and to accurately bid work under the client's environmental contract laboratory program. The laboratories were also requested to provide additional technical information for review by Environmental Standards.

- Co-authored and managed the development of an Environmental Contract Laboratory Program – Analytical Services and Quality Assurance Guidance Manual, which included information useful both to the client's staff for project planning and to the laboratory's staff for sample analysis and data package generation. Topics in the manual included analytical methods, data package specifications, communication schemes, DQO options, QA/QC procedures, corrective actions, and electronic deliverable specifications.

PUBLICATIONS

- Zeiner, S. T., R. L. Forman, M. M. Burcham, and M. Cohen. "A Comparative Evaluation of Quality Control Results." *The Chemist*, Vol. 77, No. 6 (November/December 2000).
- Zeiner, S. T. Book Review of "A Case for Wetland Restoration" by Donald L. Hex, Ph.D., and Nancy S. Philippi. *The Chemist*, Vol. 77, No. 2 (March/April 2000).
- Zeiner, S. T. Book Review of "A Practical Guide to Graphite Furnace. Atomic Absorption Spectrometry" by D. Butchar and J. Sheddon. *The Chemist*, Vol. 75, No. 5 (November/December 1998).
- Zeiner, S. T. "HazWaste World/SUPERFUND XVII." *The Chemist*, Vol. 73, No. 6 (November/December 1996).

PRESENTATIONS/POSTERS

- Zeiner, C.T. "Overview of PFAS Chemistry and Determination in the Environment" Shippensburg University, Shippensburg, Pennsylvania, December 1, 2023.
- Zeiner, S.T., R.J. Vitale "LC/MS/MS, A Powerful Tool, But Not Infallible" 39th Annual East Coast Conference on Soils, Sediments, Water, and Energy, October 16-19, 2023.
- Zeiner, S.T. "Sample Matrix Indicators and Your Data." Society of Women Environmental Professionals of Greater Philadelphia, September 21, 2023.
- Zeiner, S.T. "Interferences Encountered During PFAS Analyses." 38th Annual East Coast Conference on Soils, Sediments, Water, & Energy, October 17-20, 2022.

PRESENTATIONS/POSTERS (Continued)

Zeiner, S.T. "Analytical Issues Concerning Quantitation and Identification of PFAS Compounds." 30th Annual International Conference on Soil, Water, Energy and Air (Virtual), March 21-25, 2021.

Zeiner, S.T. "PFAS – Background, Regulations, and Sample Collection/Analytical Hurdles." 2019 Pennsylvania Association of Accredited Environmental Laboratories Annual Meeting. Harrisburg, PA, October 22 and 23, 2019.

Zeiner, S.T., D. R. Blye, and M. A. Michell. "Considerations for Analysis of Perfluoroalkyl and Polyfluoroalkyl Substances in Non-Drinking Water Samples." 34th Annual International Conference on Soils, Sediments, Water, & Energy, Amherst, MA, October 15-18, 2018.

Zeiner, S. T., R. J. Vitale, and G. P. Yakub. "Little Extraction Detail, Big Impact on Performance – A Case Study." National Environmental Monitoring Conference. Washington, DC, August 4-8, 2014.

Zeiner, S.T., D. R. Blye, L. Holman, and K. Rinehimer. "Acrolein, Acrylonitrile, Styrene, and Vinyl Chloride; Acid Reactive Compounds or Not?" National Environmental Monitoring Conference. San Antonio, TX, August 4-8, 2013.

Zeiner, S. T., A. Powley, and J. Pawlish. "Evaluation of Aqueous Field and Equipment Blank Data and the Associated Solid Samples." 28th Annual International Conference on Soils, Sediments, And Water. Amherst, MA, October 15-18, 2012.

Zeiner, S. T. and K. Harsh. "Native or Contamination? All A Matter of Perspective!" National Environmental Monitoring Conference. Washington, DC, August 6-9, 2012.

Zeiner, S. T. "What Do You Do with Field Duplicates? Case Studies on Usability Assessment and Application to Site Investigations." National Environmental Monitoring Conference. Washington, DC, August 10-15, 2008.

Zeiner, S. T. "Apples, Oranges, and SW-846 – National Functional Guidelines Revision Critique." National Environmental Monitoring Conference. Washington, DC, August 10-15, 2008.

Zeiner, S. T., R. J. Vitale, D. P. Callaghan, and J. Kraycik. "Assessment and Interpretation of Field Duplicates – A Case Study of a Complex Sediment Investigation." 22nd Annual International Conference on Soils, Sediments, And Water. Amherst, MA, October 16-19, 2006.

Zeiner, S. T., R. L. Forman, and D. R. Blye. "Application of Electronic Data Verification with Data Validation to Site Characterization Projects to Maximize Efforts." National Environmental Monitoring Conference. Washington, DC, July 25-29, 2005.

Zeiner, S. T., E. T. Lahr, and R. J. Vitale. "Perchlorate: Utilization of Ion Chromatography and Liquid Chromatography on Characterization Project." National Environmental Monitoring Conference. Washington, DC, July 25-29, 2005.

Zeiner, S. T. "Your Indoor Environment." Spring-Ford Chamber of Commerce. Limerick, PA, May 26, 2005.

Zeiner, S. T. "Indoor Air Quality (IAQ)/Mold Seminar." King of Prussia, PA, April 7, 2004 and Allentown, PA, June 22, 2004.

Zeiner, S. T., D. J. Lancaster, D. R. Blye, and J. N. Schott. "Evaluating Calibration Model Reliability." National Environmental Monitoring Conference. Washington, DC, July 19-23, 2004.

Zeiner, S. T. and R. L. Forman. "The Combined Power of Electronic Data Verification and Data Validation for Site Characterization and Remediation." National Environmental Monitoring Conference. Arlington, VA, July 21-24, 2003.

Zeiner, S. T., D. J. Lancaster, and R. J. Vitale. "Negative Effects of the 'Grand Mean' Calibration Approach on Generated Internal Surrogate Compound Recovery Limits." Waste Testing and Quality Assurance Symposium. Arlington, VA, August 12-16, 2001.

Zeiner, S. T., R. L. Forman, M. M. Burcham, and M. Cohen. "Comparison of Laboratory Duplicate, Matrix Spike, and Field Duplicate Results for Lead, Chromium, Nickel, and Barium in a Multi-State Pipeline Investigation." Pittsburgh Conference, Orlando, FL, March 7-12, 1999 and American Institute of Chemists 76th National Meeting, Arlington, VA, June 1-3, 2000.

PRESENTATIONS/POSTERS (Continued)

Zeiner, S. T. "Site Characterization Planning: The Importance of Quality Control Samples." American Institute of Chemists 75th National Meeting. Philadelphia, PA, May 28-30, 1998.

Zeiner, S. T. "Realistic Criteria for the Evaluation of Field Duplicate Sample Results." SUPERFUND XV. Washington, DC, November 29-December 1, 1994.

April L. Martinez
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FIELDS OF COMPETENCE

- Volatile, and semivolatile organic data validation
- Inorganic and wet chemistry data validation
- Various methods of analytical chemistry including, but not limited to, gas chromatography/mass spectrometry (GC/MS), inductively coupled plasma-atomic emissions spectroscopy (ICP-AES), inductively coupled plasma-mass spectrometry (ICP-MS), and high-performance liquid chromatography (HPLC)

CREDENTIALS

B.S., University of New Mexico, Albuquerque, New Mexico, 1998.

SUMMARY OF EXPERIENCE

Ms. Martinez has over 20 years of experience in the environmental chemistry field.

Currently, Ms. Martinez reviews and interprets organic, inorganic, and general chemistry data for aqueous, soil, and air samples analyzed according to Contract Laboratory Program (CLP), US EPA SW-846, and United States Department of Defense (DoD) protocols using national, regional, and state validation guidelines, and compiles final reports.

Prior to joining Environmental Standards, Ms. Martinez was a Senior Chemist and Project Manager at another data validation company. She was Lead Chemist for a large site mitigation project associated with landfills in the state of California. She also maintained client databases and conducted quality assurance audits of data management systems.

KEY PROJECTS

- Data validation for emergency response activities associated with a train derailment that resulted in the release of hazardous materials impacting soil, surface water, sediment, and air quality around the site.
- Quality assurance support and data validation for an environmental investigation due to a fuel leak at a U.S. Naval fuel storage

facility. Data validation is performed in accordance with the DoD General Data Validation Guidelines. Initially considered an emergency response, the project has developed into ongoing groundwater monthly monitoring events and long-term monitoring quarterly events.

- Organic and Inorganic Data Reviewer for the Region 9 US EPA Quality Assurance Office, under the Environmental Services Assessment Team (ESAT) contract.
- Served as Project Manager for a county sanitation district water-quality project.



FIELDS OF COMPETENCE

- Analytical and environmental chemistry.
- Analytical and sampling quality assurance procedures.
- Analytical data validation.
- Analytical data validation standard operating procedure writing and review.
- Environmental analytical method development.
- Laboratory auditing.
- Project-specific analytical request for proposal preparation.
- Quality Assurance Project Plan preparation and third-party review.
- Quality assurance/quality control laboratory program development.
- Technical liaison among laboratories, industries, and consultants.
- Theoretical and practical knowledge of all facets of quantitative analysis for organic and inorganic pollutants by US EPA methodologies.
- Training and management of data validation staff.

CREDENTIALS

M.S., Environmental Technology, University of London, Imperial College of Science & Technology, United Kingdom, 1987.

B.S., Chemistry, University of Patras, Greece, 1985.

Quality Assurance Programs for Environmental Data, US EPA, San Diego, California, 1989.

J & W Scientific Capillary Chromatography Seminar, Concord, California, 1989.

Mass Spectrometry Course, Cambridge, Massachusetts, 1991.

Ensys Immunoassay Field Methods Training, Southfield, Michigan, 1993.

CERTIFICATION

Certification for OSHA Hazardous Waste Requirements under 29 CFR 1910.120.

PROFESSIONAL AFFILIATIONS

American Chemical Society

SPECIALIZED TRAINING

Hewlett Packard and VG Trio GC/MS
Hewlett Packard, Varian, and Perkin Elmer GC
Perkin Elmer and Waters HPLC
Perkin Elmer AA

SUMMARY OF EXPERIENCE

Ms. Vlahogiani has 25 years of analytical/quality assurance experience. She has extensive experience in performing instrumental analyses for organic and inorganic contaminants according to US EPA methodology and in developing analytical methods. As a Senior Technical Chemist, Ms. Vlahogiani manages various projects and staff; validates organic, inorganic, and radiological data for samples analyzed according to Contract Laboratory Program (CLP) SW-846, US EPA, and US DOE protocols using national, regional, and state validation guidelines; and prepares final reports. She audits laboratory facilities to evaluate compliance with analytical protocols and capabilities and prepares data validation standard operating procedures (SOPs). Ms. Vlahogiani is also knowledgeable in the preparation of quality assurance project plans (QAPjPs), preparation of analytical laboratory Request for Proposals (RFPs), and the training of quality assurance chemists.

Prior to joining Environmental Standards, Ms. Vlahogiani was an Environmental Chemist for a consulting engineering firm. She managed projects involving validation of CLP data packages, developed several QAPjPs for remedial investigation and remedial action plans for Comprehensive Environmental Response, Compensation, and Liability

SUMMARY OF EXPERIENCE

Act (CERCLA) sites, coordinated all analytical activities and interpreted analytical data for other project managers, and performed analytical laboratory audits.

Ms. Vlahogiani was also a Research Assistant in the environmental chemistry unit of a large consulting firm. She was responsible for solid and aqueous sample analyses in accordance with United States Army Toxic and Hazardous Materials Agency (USATHAMA) methods and preventive maintenance and troubleshooting of gas chromatography/mass spectroscopy (GC/MS) systems. She reviewed data packages for organic compound analyses by GC, GC/MS, and high performance liquid chromatography (HPLC). She also developed and certified a method for explosive analyses by HPLC.

Ms. Vlahogiani also served as the Quality Assurance Department Manager of an environmental laboratory. She developed and established quality assurance/quality control (QA/QC) programs and computerized quality control data entry and quality control chart generation. She evaluated data for organic and inorganic analyses performed in the laboratory, reviewed method detection limit (MDL) studies and control charts, and initiated corrective actions. She also interfaced with state regulatory agencies and US EPA and performed in-house quality control audits.

KEY PROJECTS

- Performed analytical data validation for several site investigations to determine analytical data outliers and data quality/usability. Data reviewed included those for US EPA CLP protocols, SW-846 Methods, Methods for the Chemical Analysis of Water and Wastes, and US EPA Series 500 and 600 Methods.
- Performed laboratory audits for several major companies to assess laboratory quality and reliability. The audits were based upon issues of good laboratory practices, laboratory quality control/quality assurance programs, and the analytical methods requested by the clients.
- Served as data validation Project Manager for a large radiological survey program in Illinois. Over 1,000 samples were collected and analyzed for various radiological parameters. The samples were analyzed in three different laboratories and

the procedures used for analysis included US EPA 900 Series, ASTM, and HASL-300 Methods. Duties included logging in and tracking data, providing technical assistance relative to data validation problems, reviewing quality assurance reports, editing electronic data files, tracking budgets for data package review, conducting laboratory audits, and providing technical assistance to the client. Played a key role in improving the quality assurance procedures of the laboratories, resolving problems with the analytical data as reported by the laboratories, and correcting the electronic data files.

- Assisted in project management and served as data validation task manager for an ongoing QA/QC technical oversight project for a large aircraft manufacturer. Duties included coordination with several analytical laboratories and field personnel, data validation of analytical work, preparation of analytical data packages, and preparation of quality assurance reports for this site investigation. Extensive coordination with the data management contractor was required to identify problems in the database and to update the database remotely.
- Developed specifications for an analytical services manual for a pharmaceutical company. This manual provided general QA/QC guidelines, analytical method requirements, and data package deliverable package requirements to be followed by approved laboratories; these guidelines and requirements were used to determine the quality of the analytical results obtained for wastewater samples collected as a requirement of the company's wastewater discharge permit.
- Assisted the data validation project manager for several radiological survey programs conducted at sites located in Tennessee and Oklahoma. Performed data validation on the analytical data for gross alpha, gross beta, cesium-137, cobalt-60, radium-226, radium-228, strontium-90, technetium-99, promethium-147, nickel-63, tritium, neptunium-237, isotopic plutonium, isotopic thorium, isotopic uranium, and gamma-emitting radionuclides. Duties included preparation and review of quality assurance reports and interacting with the engineering contractors.

KEY PROJECTS (Continued)

- Data validation Project Manager for US EPA Region II, NJ DEP, and NYS DEC site investigations. Project management duties included logging in and tracking data, providing technical assistance in data validation problems, reviewing quality assurance reports, tracking budgets for data package review, and providing technical assistance to clients. Project management included providing direct feedback to the laboratories to correct reporting errors and to improve ongoing analytical work, advising laboratories on data deliverables prior to initiation of investigation activities, and providing advice to engineering contractors on data quality concerns. Coordinated shipments of bottleware and environmental samples between the laboratory and the field and provided corrective action recommendations for any problems that developed.
 - Performed Tier II data validation on the radiological analytical data for soil samples, aqueous samples, and lysimeter samples collected at a nuclear metals site in Massachusetts. Tier II data validation was performed in accordance with the US EPA Region I data validation guidelines on uranium-234, uranium-235, uranium-236, uranium-238, total uranium, plutonium-238, plutonium-239, neptunium-237, americium-241, and technetium-99 analytical data. Tasks included the preparation of quality assurance reports, evaluation of the results of various performance evaluation (PE) samples associated with the site, editing electronic data files, and interacting with the engineering contractors.
 - At the request of the US Army Corps of Engineers (US ACE, Louisville District) to review the US ACE Louisville District's Draft Louisville Radiological Guideline (LRG) [Data Analysis and Validation Guidelines] Version 1 for accuracy and provide comments, reviewed the document and provided US ACE with many technical comments and suggested changes in order to improve the usability and accuracy of the document. US ACE considered the comments and suggestions and incorporated many of them into the Final Louisville Radiological Guideline (LRG) [Data Analysis and Validation Guidelines] Version 5 released in September 2004. US ACE recognized the assistance regarding the review of the draft document in the acknowledgement section of the final document.
 - Managed a project associated with samples collected from several phases of a site investigation at the Explosives Manufacturing Facility of a chemical company. Numerous samples were collected and analyzed for nitroaromatic and nitroamine explosives by a method that uses liquid chromatography with a thermospray interfaced to a mass spectrometer (LC/TSP/MS). Performed analytical data validation, provided technical assistance relative to data validation problems, prepared and reviewed quality assurance reports, and provided technical assistance to the client for the extensive site investigation. Tasks also included the logging in and tracking of data and the tracking of budgets for data package review.
- Coordination with the analytical laboratories and the client was required to identify problems with the analytical data and to correct the client's database. Major aspects of the project included advising laboratories on data deliverables prior to the start of the investigation and direct feedback to the laboratories to correct reporting errors and to increase the quality and defensibility of sample data.
- Assisted in providing litigation support to a large chemical manufacturer relative to toxaphene contamination of an agricultural chemicals formulation plant. Duties included the review of related site historical documents forwarded by the client, assistance in the development of an analytical protocol to be used by a contracted laboratory to analyze a series of soil samples collected from the agricultural chemicals formulation plant, and analytical data validation to determine if the data were usable and to confirm or rule out the qualitative and quantitative presence of toxaphene. A report was prepared that answered a number of client questions regarding the accurate identification and quantitation of toxaphene and disparities in the analytical data and provided opinions on the validity of the historical toxaphene data and the validity of the data generated from the most recent sampling.

KEY PROJECTS (Continued)

- Managed a state of Michigan level-of-effort project consisting of the validation of several CLP data packages per year. Data were generated by the Michigan Department of Natural Resources (MDNR) personnel conducting site screening investigations at state-lead CERCLA sites. All validation was performed in accordance with US EPA CLP guidance documents.
- Developed and reviewed several QAPjPs for level-of-effort work done at various Michigan Act 307 Superfund sites.
- Conducted a "fast-track" groundwater investigation using a portable GC to define the extent of contamination resulting from a fuel spill at a railyard site of a large railroad transportation company.
- Analyzed solid and aqueous samples for volatile compounds by GC/MS in accordance with the US ATHAMA protocols for several base closures and reviewed data packages for organic compound analyses by GC, GC/MS, and HPLC.
- Analyzed soil, water, and air samples from a refinery to determine the extent of contamination in the area of an oil company in California. US EPA methods were used and special quality control requirements were established and met.
- Analyzed waste samples for organics, using US EPA methods, to establish a chemical profile and to determine the need for further treatment of a chemical manufacturer's site in California.
- At the request of a transportation company, performed laboratory audits to ensure the selection of a laboratory that would produce reliable and legally defensible analytical data. Samples were collected from a site in Staten Island, New York, where illegal waste had been dumped by an unidentified party.
- Provided analytical data validation services and litigation support for a client who faced criminal felony charges in New York for alleged illegal disposal of hydrocarbon-contaminated soil. Reviewed analytical data generated by the forensic

laboratory for compliance with proper protocols and evaluated the sample collection procedures.

- Served as Project Manager for a large site investigation at a mining facility in Nevada. Numerous soil, aqueous, and air samples were collected and analyzed for various organic, inorganic, and radiological parameters. The samples were analyzed in five different laboratories according to US EPA and US DOE protocols. Duties included logging in and tracking data; providing technical assistance relative to data validation problems and problems identified in the field or the analytical laboratories; preparing and reviewing data validation/verification reports; editing electronic data files; coordinating with the analytical laboratories and advising them on data deliverables and on improvement of their quality assurance procedures; resolving problems with the analytical data as reported by the laboratories; tracking budgets for data package review and project management, preparing and reviewing the quality assurance project plan (QAPjP); planning and evaluating a performance evaluation (PE) sample study associated with the site; interacting with the field consultants; and providing technical assistance to the client.

PRESENTATIONS

- Gratson, D., R. L. Forman, K. Vlahogiani. "Quality Issues with Radionuclide Measurements." TCEQ Environmental Conference & Trade Fair, Austin, TX, April/May 2013.
- Kirkpatrick, G. L. Chairman. Cost and Economics Session, Hazardous Materials Control Research Institute's Annual Meeting. Washington, DC, 1991.
- Kirkpatrick, G. L. Chairman. Superfund Session on Cost and Economics. Washington, DC, 1990.



FIELDS OF COMPETENCE

- Volatile and semi-volatile organic data (generated by gas chromatography [GC], gas chromatography/mass spectrometry [GC/MS], and high-performance liquid chromatography [HPLC] analysis) validation.
- Inorganic and wet chemistry data validation.
- Pesticide and polychlorinated biphenyl (PCB) data validation.
- Radiochemistry data validation.
- Dioxin and furan data validation.
- High-resolution gas chromatography/high-resolution mass spectrometry (HRGC/HRMS) data validation.
- Per- and polyfluoroalkyl substances (PFAS) data validation.
- Data validation and quality assurance oversight project management.

CREDENTIALS

B.S., Chemistry, West Chester University, West Chester, Pennsylvania, 1999.

B.S., Computer Science, Shippensburg University, Shippensburg, Pennsylvania, 1993.

SUMMARY OF EXPERIENCE

Mr. Weinmann, who has 25 years of analytical quality assurance experience, is responsible for performing data validation for numerous site investigations to determine analytical data quality and usability and for managing various data validation efforts. Data reviewed include those for US EPA Contract Laboratory Program (CLP) protocols and SW-846 methods. He is also responsible for ensuring that data deliverables are compliant with regulatory and client-specific requirements.

Prior to this position, Mr. Weinmann worked as a software developer for a major employer services

firm. He was responsible for developing Windows-based Human Resource Information Systems that included employee data and benefits administration and payroll processing functionality.

While studying chemistry at West Chester University, Mr. Weinmann assisted in research in the field of graphite intercalation. He prepared a diolefin diphosphine cobalt complex using vacuum line techniques that proved to be an effective alkali metal carrier for ambient temperature intercalation reactions.

KEY PROJECTS

- Manages the ongoing data validation and quality assurance oversight efforts for several industrials required to periodically monitor PCB discharge levels in support of Pollutant Minimization Plans.
- Assisted with the inorganic and radiochemistry data validation efforts associated with the characterization, remediation, and monitoring activities at a legacy mine site.
- Managed the data validation and quality assurance oversight efforts for a remedial investigation on a portion of the Hackensack River in New Jersey. Responsibilities included assisting in the procurement of laboratory analytical services; coordination of sampling and analytical work; validation of organic, inorganic, wet chemistry, and radiochemistry data; and preparation of the required data deliverables.
- Assisted in the preparation of a Quality Assurance Project Plan for the environmental activities related to a facility remediation program to ensure data quality by detailing specific methods and procedures.
- Managed quick turn-around data validation efforts to determine the impact of a petroleum spill on the surrounding soil and groundwater. The laboratory data for nearly 800 samples analyzed for volatile organic compounds were validated and presented to the client within 2 weeks.

KEY PROJECTS (Continued)

- Managed the data validation and quality assurance oversight efforts for a coalition of Delaware River Estuary point-source dischargers tasked with providing analytical data to a regulatory agency as part of a PCB Total Maximum Daily Load (TMDL) study. Responsibilities included assisting in the procurement of laboratory analytical services, coordination of the sampling and analytical work, validation of HRGC/HRMS PCB congener data, and preparation of the data deliverables required by the agency.
- Performed analytical data validation interpreting volatile, semivolatile, PCB, and inorganic analyses and developed technical quality assurance reports for a major gas pipeline project.
- Performed analytical data validation interpreting volatile, semivolatile, and inorganic analyses and prepared data usability assessment reports for a petroleum refinery site investigation.
- Verified analytical results from electronic data deliverables (EDDs) and database output during validation tasks.
- Performed analytical data validation interpreting volatile, semivolatile, and inorganic analyses on groundwater and residential well samples and prepared technical quality assurance reports for a manufacturing plant site investigation.
- Performed analytical data validation interpreting historical semivolatile and inorganic data that had been reprocessed due to laboratory error and prepared technical quality assurance reports for a manufacturing plant site investigation.
- Managed the analytical data validation efforts to confirm the presence of PCB and inorganic analytes identified in a prior phase of the investigation in surface water and sediment samples from a canal adjacent to a parcel of land under consideration for real estate transactions.
- Performed analytical data validation interpreting semi-volatile and inorganic analyses on performance evaluation samples submitted to several laboratories and prepared comparative reports for a quarterly monitoring program.
- Performed analytical data validation interpreting PFAS data (US EPA Method 537) and prepared technical quality assurance reports for a drinking water investigation.
- Manages the data validation and quality assurance oversight efforts for a multiphase study focused on the impact of legacy mining operations on a portion of the Upper Columbia River and surrounding areas in Washington. Responsibilities included validation of sediment, surface water, and fish tissue analytical data for various inorganic parameters and preparation of the required data deliverables.
- Managed the data validation efforts for a Superfund restoration project where dioxins and furans were the main contaminants of concern. Responsibilities included validation of soil, sediment, surface water, and groundwater analytical data and preparation of the required data deliverables.
- Manages a portion of the data validation efforts associated with a major train derailment and resultant hazardous materials release. Responsibilities include laboratory and field consultant coordination, project documentation review, tracking of deliverables, oversight of surface water and air data validation, and preparation of the required data deliverables.



FIELDS OF COMPETENCE

- Per- and polyfluoroalkyl substances (PFAS) data validation
- Volatile organic compound (VOC), semivolatile organic compound (SVOC), polychlorinated biphenyl (PCB) Aroclor, and pesticide data validation
- High-resolution PCB congener, dioxins/furans, and pesticide data validation
- Inorganic and wet chemistry data validation
- Laboratory auditing
- Technical liaison among laboratories, industries, and consultants
- Standard operating procedure (SOP) preparation and review
- Project-specific analytical Request for Proposal (RFP) preparation
- Working knowledge of the following instruments, autosamplers, and data processing software:
 - Varian GC-ECD 3800
 - Bruker GC-ECD 450
 - Agilent GC-ECD 6890/7890
 - PAL LEAP autosamplers
 - Waters Empower2/Empower3 chromatography data software
 - Lablicate OpenChrom Data Analysis System
 - AMDIS (Automated Mass Spectral Deconvolution and Identification System)

CREDENTIALS

B.S., Chemistry, State University of New York,
University at Albany, Albany, New York, 2008.

A.S., Liberal Arts and Associate of Science, State
University of New York, Broome Community
College, Binghamton, New York, 2006.

SUMMARY OF EXPERIENCE

Mr. Acker has 12 years of experience in the field of analytical environmental chemistry; this experience includes performing instrumental analyses for PCBs, organochlorine pesticides, chlorinated herbicides, and diesel range organics according to US EPA methodology and performing laboratory department management duties.

Mr. Acker is currently responsible for performing analytical data validation to determine data quality/usability and compliance with regulatory and client-specific deliverable requirements. Mr. Acker is also experienced in conducting client-requested quality assurance/quality control audits of environmental laboratories and preparation of laboratory RFPs and subsequent review of laboratory proposals.

Prior to joining Environmental Standards, Mr. Acker was a laboratory Analyst, then Department Manager, for a large nationwide analytical laboratory. He was responsible for gas chromatography (GC) analyses of solid, aqueous, tissue, and air samples in accordance with US EPA methods (e.g., 8082, 8081, 8015, and 8151) and preparation of electronic data. He was also responsible for instrument maintenance (preventative and corrective), troubleshooting, and replacement of major GC components (electron capture detectors [ECDs], injectors, and columns).

As Department Manager, Mr. Acker supervised up to 10 laboratory Analysts across two work shifts. He was responsible for coordinating and directing production goals for the department, ordering laboratory supplies and equipment, maintaining and writing SOPs, assisting the quality assurance department, and working with Project Managers to ensure client requirements and expectations were met.

KEY PROJECTS

- Data validator for several large-scale PFAS-driven projects in multiple states nationwide.
- Data validator for various projects including analyses for VOC, SVOC, PCBs, pesticides, inorganics, and wet chemistry analyses.

KEY PROJECTS (Continued)

- Consulting Chemist in RFP preparation, subsequent review of laboratory proposals, and laboratory oversight of a non-targeted analysis (NTA) semivolatiles leaching study.
- Consulting Chemist in RFP preparation, subsequent review of laboratory proposals, and laboratory oversight of a confidential PFAS container leaching study.
- Consulting Chemist and data validator in a PFAS-driven forensics evaluation study at a landfill in the United States.
- Consulting Chemist for forensic data evaluation for breakdown products of several semivolatile compounds making use of OpenChrom and AMDIS software to perform NTA.
- Consulting Chemist for data evaluation of PCB Aroclor data for multiple sites in the Northeast United States. Work performed included writing guidance documents and working with laboratory personnel to assist in accurate Aroclor selection.
- Served as Project Manager for a Michigan site PFAS investigation and cleanup. Environmental Standards' assignment was to provide data validation, data management support, and chemistry support.
- Assisted with the development of a laboratory information management system (LIMS) design specification document for a Category 3 Nuclear Laboratory Complex.
- Sequentially served as a laboratory Analyst, laboratory Department Manager, data validator, and laboratory Auditor for one of the nation's largest sediment remediation projects - General Electric Company's Hudson River PCB Remedial Action Monitoring Program (RAMP).



FIELDS OF COMPETENCE

- Laboratory program design and implementation
- Quality Assurance Project Plans (QAPPs)
- Data quality objective preparation
- Laboratory evaluation and program management
- Analytical data validation
- Standard operating procedure (SOP) preparation
- Analytical method checklist preparation for audits
- Data validation
- Gas chromatography/mass spectrometry (GC/MS)
- High-performance liquid chromatography (HPLC)
- Liquid chromatography/tandem mass spectrometry (LC/MSMS)

CREDENTIALS

B.S., Chemistry, University of Akron, Akron, Ohio,
1987.

SUMMARY OF EXPERIENCE

Mr. Belding has over 35 years of environmental laboratory experience. In his prior position as the Operations Manager and Technical Director at a large environmental laboratory, he specialized in organic preparation and analysis, low-level mercury and per- and polyfluoroalkyl substances (PFAS). He performed data validation of PFAS, volatile, semivolatile, pesticide/polychlorinated biphenyl (PCB), herbicides, metals, low-level mercury, and general chemistry analyses following Contract Laboratory Program (CLP), U.S. Department of Defense (DoD), U.S. Department of Energy (DOE) and United States Environmental Protection Agency (US EPA) methods. He was also responsible for standard operating procedures (SOPs), QAPPs, and data quality commitments for the laboratory. He assisted in laboratory audits with federal CLP program, DoD,

DOE, The NELAC Institute (TNI), and various state and client audits.

Additionally, Mr. Belding previously held a position in which he assisted in the design and method development of a PFAS department, which included design of the laboratory, instrumentation, technical requirements, directing the programming for compliance and automation to meet DoD, state and client requirements. He was responsible for reviewing data to meet requirements of projects and worked with clients on specific project plan objectives and requirements.

KEY PROJECTS

- Performed data validation for an emergency response project associated with a train derailment.
- Performed data validation for 10 months on a high-profile DoD project due to a chemical release.

PRESENTATION

"The Three S's of LVI/ RVE- Speed, Savings, and Sensitivity." 2015 Annual Conference about Managing the Quality of Environmental Data. Dallas, TX, October 21, 2015.



FIELDS OF COMPETENCE

- Volatile, pesticide/polychlorinated biphenyl (PCB), and semivolatile organic data validation
- Per- and polyfluoroalkyl substances (PFAS) data validation
- Inorganic and wet chemistry data validation
- Radiochemistry data validation
- Laboratory coordination

CREDENTIALS

M.S., Chemistry, Villanova University, Villanova, Pennsylvania, 2018

B.S., Chemistry, University of Scranton, Scranton, Pennsylvania, 2016

SUMMARY OF EXPERIENCE

Ms. Bossbaly joined the Chemistry Quality Assurance (QA) Department in April 2019, and she performs analytical data validation to determine analytical data quality and usability. Data reviewed included those for US EPA Contract Laboratory Program (CLP) protocols and SW-846 methods. In addition, she evaluates laboratory data deliverables to determine compliance with method, regulatory, and client-specific/Quality Assurance Project Plan (QAPP) requirements.

Ms. Bossbaly also serves as a Laboratory Coordinator for a large pipeline company. She is responsible for tracking samples from collection through reporting; managing sample collection, receipt, analysis, and reporting issues; coordinating efforts and managing communications between multiple laboratories; reviewing data deliverables and Chain-of-Custody Records to ensure proper reporting; working with the Data Management Team to resolve database reporting issues; and creating and reviewing analytical service requests. In addition, she ensures that laboratories perform analysis and reporting procedures per client specifications.

Prior to joining Environmental Standards, Ms. Bossbaly worked as an Analyst at an

environmental testing laboratory analyzing water samples for volatile compounds via gas chromatography/mass spectrometry. In this role she was responsible for instrument calibration and quality control, as well as sample preparation and analysis of the data collected. She performed graduate and undergraduate chemistry research. Her undergraduate research in organic chemistry focused on the reactive intermediates of boron, specifically borylene, a species with both a lone pair of electrons and a vacant p-orbital. This study was done to produce organic compounds containing difficult-to-form functional groups. Her graduate research focused on nutrient pollution, specifically ammonium. The project focused on using thermally decomposed biomass to oxidize the nitrogen in ammonium to nitrite. The processes were monitored by ion chromatography and ultraviolet visible (UV-Vis) spectroscopy. Through her graduate work, Ms. Bossbaly worked as a Teaching Assistant in general chemistry laboratory as well as a major-specific analytical chemistry class.

KEY PROJECTS

- Performed analytical data validation interpreting PFAS, volatile organic, pesticide/PCB, semi-volatile organic, radiological, inorganic, and wet chemistry analyses, and prepared technical QA reports.
- Performed data validation for various projects to determine data usability and defensibility as well as laboratory compliance with method, regulatory, and project-specific requirements.
- Verified analytical results from electronic data deliverables (EDDs) and database output during validation tasks.
- Acted as a main contact between several laboratories and large pipeline company and assisted in scheduling, sampling, and delivery of bottleware kits and samples from the field. Also, provided chemistry communication between the laboratory and client. Worked with the Data Management Team to maintain a database, EDD specifications, and data verification for the client. Verified proper deliverables from the laboratories to the client. Served as the day-to-day contact for issues and communication among the laboratories, the client, and Environmental Standards.

Vincent Liu
Quality Assurance Chemist
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FIELDS OF COMPETENCE

- Volatile, and semivolatile organic data validation
- Inorganic and wet chemistry data validation
- Pesticide and polychlorinated biphenyl (PCB) data validation

CREDENTIALS

B.S., Environmental Science, Drexel University,
Philadelphia, Pennsylvania, 2022.

SUMMARY OF EXPERIENCE

Mr. Liu joined the Environmental Standards team as a Quality Assurance Chemist in 2023. He is responsible for performing data validation on the usability of results provided by client laboratories. Prior to starting this position, Mr. Liu completed his bachelor's degree at Drexel University, Philadelphia. In his prior position while attending Drexel University, he performed field collection of water samples and a variety of wet chemistry methods.

KEY PROJECTS

- Performed data validation for an emergency response project associated with a train derailment.
- Performed data validation for the Keystone oil spill in Washington, Kansas.

Amanda Williams (Purcell)

Staff Chemist III

610.935.5577

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FIELDS OF COMPETENCE

- Volatile and semivolatile organic compound (VOC/SVOC) data validation.
- Inorganic and wet chemistry data validation
- Radiochemistry data validation
- SOP revision and creation based on US EPA methods and laboratory process improvements
- Working knowledge of the following instrumentation, autosamplers, and data processing software:
 - o Lachat Quikchem 8500 series (FIA) Systems
 - o Lachat Omnic 4.0
 - o Lachat ASX-500 XYZ Autosampler
 - o Dionex Aquion Ion Chromatography (IC) System
 - o Dionex ICS-4000 HPIC Capillary IC
 - o Chromeleon Chromatography Data System
 - o Dionex ICS-5000+ IC
 - o Dionex AS-AP Autosampler
 - o Dionex AS-DV Autosampler
 - o Teledyne Torch Combustion Total Organic Carbon (TOC) Analyzer
 - o TOC TekLink
 - o Hach BD40 High-Temperature Digestion System
 - o Hach HQD Water Quality Laboratory Biochemical Oxygen Demand (BOD) Meter with Optical LBOD Sensor
 - o LabWare Laboratory Information Management System (LIMS)

CREDENTIALS

B.S., Chemistry, ACS, University of Central Oklahoma, Edmond, Oklahoma, 2013.

SUMMARY OF EXPERIENCE

Ms. Williams joined the chemistry quality assurance (QA) department of Environmental Standards in June 2023, and performs analytical data validation to determine analytical data quality and usability of results provided by client laboratories. Data reviewed included those for US EPA Contract Laboratory Program (CLP) protocols and SW-846 methods. In addition, she evaluates laboratory data deliverables

to determine compliance with method, regulatory, and client-specific Quality Assurance Project Plan (QAPP) requirements.

Prior to joining the Environmental Standards Team, Ms. Williams worked for the Oklahoma Department of Environmental Quality for 10 years. In her first 8 years there, she served as an Analytical Environmental Laboratory Chemist performing a variety of analyses in wet chemistry and microbiology. In this role, she was responsible for instrument calibration and quality control, as well as sample preparation and analysis of the data collected. She has extensive experience with SW-846, Standard Methods, and US EPA methods for the purpose of analyzing drinking, waste, and surface waters in the state of Oklahoma.

Ms. Williams served her last 2 years as the General Chemistry Section Manager overseeing the section's working needs. She managed a Team of six Chemists providing training, assignments, and assessments related to Analyst performance. She was also in charge of organizing and maintaining laboratory, instrumentation, and method performance, project management, and future method implementation among other managerial tasks.

KEY PROJECTS

- Created and revised laboratory SOPs based on US EPA methods and laboratory process improvements, determined to increase efficiencies.
- Performed data validation for various projects to determine data usability and defensibility as well as laboratory compliance with method, regulatory, and project-specific requirements.
- Verified analytical results from electronic data deliverables (EDDs) and database output during validation tasks.

PUBLICATIONS

Laverty, J.; Cory, K.; Purcell, A.; Meier, S. K. "The synthesis and reactivity of a Nickel NNC Complex" Presented Poster at Oklahoma Research Day, University of Central Oklahoma, Edmond, Oklahoma, March 8, 2013.