

Furnace Run
River Mile 7.25

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 9:38	Alkalinity, Total		151	mg/LCaCO3	7.05	EPA-310.2
8/6/2025 8:19	Alkalinity, Total		169	mg/LCaCO3	7.05	EPA-310.2
8/13/2025 8:30	Alkalinity, Total		77.8	mg/LCaCO3	9.88	EPA-310.2
8/20/2025 13:13	Alkalinity, Total		123	mg/LCaCO3	9.88	EPA-310.2
8/27/2025 10:18	Alkalinity, Total		158	mg/LCaCO3	9.88	EPA-310.2
7/30/2025 9:38	Aluminum, Total	J	116	ug/L	45.8	EPA-200.8
8/6/2025 8:19	Aluminum, Total	J	121	ug/L	45.8	EPA-200.8
8/13/2025 8:30	Aluminum, Total		859	ug/L	45.8	EPA-200.8
8/20/2025 13:13	Aluminum, Total	J	174	ug/L	45.8	EPA-200.8
8/27/2025 10:18	Aluminum, Total		264	ug/L	45.8	EPA-200.8
7/30/2025 9:38	Ammonia, Total	<	0.0265	mg/L	0.024	EPA-350.1 (G)
8/6/2025 8:19	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/13/2025 8:30	Ammonia, Total	J	0.026	mg/L	0.024	EPA-350.1 (G)
8/20/2025 13:13	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/27/2025 10:18	Ammonia, Total	J	0.034	mg/L	0.024	EPA-350.1 (G)
7/30/2025 9:38	Antimony, Total	J	0.234	ug/L	0.215	EPA-200.8
8/6/2025 8:19	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/13/2025 8:30	Antimony, Total	J	0.434	ug/L	0.215	EPA-200.8
8/20/2025 13:13	Antimony, Total	J	0.312	ug/L	0.215	EPA-200.8
8/27/2025 10:18	Antimony, Total	J	0.224	ug/L	0.215	EPA-200.8
7/30/2025 9:38	Arsenic, Total	J	0.7825	ug/L	0.585	EPA-200.8
8/6/2025 8:19	Arsenic, Total	J	0.849	ug/L	0.585	EPA-200.8
8/13/2025 8:30	Arsenic, Total	J	1.69	ug/L	0.585	EPA-200.8
8/20/2025 13:13	Arsenic, Total	J	1.46	ug/L	0.585	EPA-200.8
8/27/2025 10:18	Arsenic, Total	J	2.1	ug/L	0.585	EPA-200.8
7/30/2025 9:38	Barium, Total		43.95	ug/L	0.605	EPA-200.8
8/6/2025 8:19	Barium, Total		52.3	ug/L	0.605	EPA-200.8
8/13/2025 8:30	Barium, Total		33	ug/L	0.605	EPA-200.8
8/20/2025 13:13	Barium, Total		37.3	ug/L	0.605	EPA-200.8
8/27/2025 10:18	Barium, Total		46.2	ug/L	0.605	EPA-200.8
7/30/2025 9:38	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/6/2025 8:19	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/13/2025 8:30	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/20/2025 13:13	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/27/2025 10:18	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8

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7/30/2025 9:38	BOD, Total	<	2	mg/L	2	SM5210 B
8/6/2025 8:19	BOD, Total	<	2	mg/L	2	SM5210 B
8/13/2025 8:30	BOD, Total	<	2	mg/L	2	SM5210 B
8/20/2025 13:13	BOD, Total	<	2	mg/L	2	SM5210 B
8/27/2025 10:18	BOD, Total	<	2	mg/L	2	SM5210 B
7/30/2025 9:38	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/6/2025 8:19	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/13/2025 8:30	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/20/2025 13:13	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/27/2025 10:18	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/30/2025 9:38	Calcium, Total		52850	ug/L	215	EPA-200.8
8/6/2025 8:19	Calcium, Total		64600	ug/L	215	EPA-200.8
8/13/2025 8:30	Calcium, Total		34600	ug/L	215	EPA-200.8
8/20/2025 13:13	Calcium, Total		44900	ug/L	215	EPA-200.8
8/27/2025 10:18	Calcium, Total		59600	ug/L	215	EPA-200.8
7/30/2025 9:38	Chloride		167.5	mg/L	0.774	EPA 300.0
8/6/2025 8:19	Chloride		206	mg/L	0.774	EPA 300.0
8/13/2025 8:30	Chloride		120	mg/L	0.387	EPA 300.0
8/20/2025 13:13	Chloride		147	mg/L	0.387	EPA 300.0
8/27/2025 10:18	Chloride		195	mg/L	0.774	EPA 300.0
7/30/2025 9:38	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/6/2025 8:19	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/13/2025 8:30	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/20/2025 13:13	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/27/2025 10:18	Chromium, Total	J	6.96	ug/L	6.85	EPA-200.8
7/30/2025 9:38	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
8/6/2025 8:19	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
8/13/2025 8:30	Cobalt, Total	J	0.641	ug/L	0.185	EPA-200.8
8/20/2025 13:13	Cobalt, Total	J	0.194	ug/L	0.185	EPA-200.8
8/27/2025 10:18	Cobalt, Total	J	0.447	ug/L	0.185	EPA-200.8
7/30/2025 9:38	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/6/2025 8:19	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/13/2025 8:30	COD, Total	J	26.6	mg/L	16.6	EPA 410.4
8/20/2025 13:13	COD, Total	J	17.4	mg/L	16.6	EPA 410.4

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8/27/2025 10:18	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/30/2025 9:38	Conductivity		863	UMHOS/CM		SM 2510A
8/6/2025 8:19	Conductivity		958	UMHOS/CM		SM 2510A
8/13/2025 8:30	Conductivity		618	UMHOS/CM		SM 2510A
8/20/2025 13:13	Conductivity		780	UMHOS/CM		SM 2510A
8/27/2025 10:18	Conductivity		875	UMHOS/CM		SM 2510A
7/30/2025 9:38	Specific Conductance		912	UMHOS/CM		SM 2510B
8/6/2025 8:19	Specific Conductance		1081	UMHOS/CM		SM 2510B
8/13/2025 8:30	Specific Conductance		652	UMHOS/CM		SM 2510B
8/20/2025 13:13	Specific Conductance		835	UMHOS/CM		SM 2510B
8/27/2025 10:18	Specific Conductance		1035	UMHOS/CM		SM 2510B
7/30/2025 9:38	Copper, Total	J	2.35	ug/L	0.45	EPA-200.8
8/6/2025 8:19	Copper, Total	J	2.22	ug/L	0.45	EPA-200.8
8/13/2025 8:30	Copper, Total	J	6.07	ug/L	0.45	EPA-200.8
8/20/2025 13:13	Copper, Total	J	3.07	ug/L	0.45	EPA-200.8
8/27/2025 10:18	Copper, Total	J	3.93	ug/L	0.45	EPA-200.8
7/30/2025 9:38	Dissolved Oxygen		73	%		N/A
8/6/2025 8:19	Dissolved Oxygen		65	%		N/A
8/13/2025 8:30	Dissolved Oxygen		87	%		N/A
8/20/2025 13:13	Dissolved Oxygen		80	%		N/A
8/27/2025 10:18	Dissolved Oxygen		100	%		N/A
7/30/2025 9:38	Dissolved Oxygen		6.3	mg/L		SM 4500-O G
8/6/2025 8:19	Dissolved Oxygen		6	mg/L		SM 4500-O G
8/13/2025 8:30	Dissolved Oxygen		7.6	mg/L		SM 4500-O G
8/20/2025 13:13	Dissolved Oxygen		7	mg/L		SM 4500-O G
8/27/2025 10:18	Dissolved Oxygen		9.7	mg/L		SM 4500-O G
7/30/2025 9:38	Escherichia coli		310.5	MPN/100 mL	1	SM9223 Colilert
8/6/2025 8:19	Escherichia coli		186	MPN/100 mL	1	SM9223 Colilert
8/13/2025 8:30	Escherichia coli		7330	MPN/100 mL	1	SM9223 Colilert
8/20/2025 13:13	Escherichia coli		2850	MPN/100 mL	1	SM9223 Colilert
8/27/2025 10:18	Escherichia coli		2420	MPN/100 mL	1	SM9223 Colilert
7/30/2025 9:38	Hardness, Total		178.5	mg/LCaCO3		EPA-200.8
8/6/2025 8:19	Hardness, Total		220	mg/LCaCO3		EPA-200.8
8/13/2025 8:30	Hardness, Total		117	mg/LCaCO3		EPA-200.8

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8/20/2025 13:13	Hardness, Total		153	mg/LCaCO3		EPA-200.8
8/27/2025 10:18	Hardness, Total		208	mg/LCaCO3		EPA-200.8
7/30/2025 9:38	Iron, Total	J	439.5	ug/L	168	EPA-200.8
8/6/2025 8:19	Iron, Total		567	ug/L	168	EPA-200.8
8/13/2025 8:30	Iron, Total		1260	ug/L	168	EPA-200.8
8/20/2025 13:13	Iron, Total		562	ug/L	168	EPA-200.8
8/27/2025 10:18	Iron, Total		963	ug/L	168	EPA-200.8
7/30/2025 9:38	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/6/2025 8:19	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/13/2025 8:30	Lead, Total	J	1.17	ug/L	0.295	EPA-200.8
8/20/2025 13:13	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/27/2025 10:18	Lead, Total	J	0.692	ug/L	0.295	EPA-200.8
7/30/2025 9:38	Magnesium, Total		11200	ug/L	41	EPA-200.8
8/6/2025 8:19	Magnesium, Total		14400	ug/L	41	EPA-200.8
8/13/2025 8:30	Magnesium, Total		7540	ug/L	41	EPA-200.8
8/20/2025 13:13	Magnesium, Total		9920	ug/L	41	EPA-200.8
8/27/2025 10:18	Magnesium, Total		14400	ug/L	41	EPA-200.8
7/30/2025 9:38	Manganese, Total		28.9	ug/L	0.335	EPA-200.8
8/6/2025 8:19	Manganese, Total		44	ug/L	0.335	EPA-200.8
8/13/2025 8:30	Manganese, Total		66.2	ug/L	0.335	EPA-200.8
8/20/2025 13:13	Manganese, Total		31.6	ug/L	0.335	EPA-200.8
8/27/2025 10:18	Manganese, Total		82.3	ug/L	0.335	EPA-200.8
7/30/2025 9:38	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/6/2025 8:19	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/13/2025 8:30	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/20/2025 13:13	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/27/2025 10:18	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/30/2025 9:38	Molybdenum, Total		2.89	ug/L	0.12	EPA-200.8
8/6/2025 8:19	Molybdenum, Total		2.52	ug/L	0.12	EPA-200.8
8/13/2025 8:30	Molybdenum, Total		2.5	ug/L	0.12	EPA-200.8
8/20/2025 13:13	Molybdenum, Total		2.91	ug/L	0.12	EPA-200.8
8/27/2025 10:18	Molybdenum, Total		2.4	ug/L	0.12	EPA-200.8
7/30/2025 9:38	Nickel, Total	J	0.9725	ug/L	0.265	EPA-200.8
8/6/2025 8:19	Nickel, Total	J	1.02	ug/L	0.265	EPA-200.8

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8/13/2025 8:30	Nickel, Total		2.25	ug/L	0.265	EPA-200.8
8/20/2025 13:13	Nickel, Total	J	1.14	ug/L	0.265	EPA-200.8
8/27/2025 10:18	Nickel, Total	J	1.72	ug/L	0.265	EPA-200.8
7/30/2025 9:38	Nitrite - Nitrate, Total		0.192	mg/L	0.024	ASTM D7781
8/6/2025 8:19	Nitrite - Nitrate, Total		0.139	mg/L	0.024	ASTM D7781
8/13/2025 8:30	Nitrite - Nitrate, Total		0.486	mg/L	0.024	ASTM D7781
8/27/2025 10:18	Nitrite - Nitrate, Total		0.191	mg/L	0.024	ASTM D7781
7/30/2025 9:38	pH		7.7	S.U.		N/A
8/6/2025 8:19	pH		7.6	S.U.		N/A
8/13/2025 8:30	pH		7.8	S.U.		N/A
8/20/2025 13:13	pH		7.8	S.U.		N/A
8/27/2025 10:18	pH		7.8	S.U.		N/A
7/30/2025 9:38	Phosphorus, Diss. Reactive	J	0.0149	mg/L	0.014	EPA 365.1
8/6/2025 8:19	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/13/2025 8:30	Phosphorus, Diss. Reactive		0.0345	mg/L	0.014	EPA 365.1
8/20/2025 13:13	Phosphorus, Diss. Reactive	J	0.0219	mg/L	0.014	EPA 365.1
8/27/2025 10:18	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
7/30/2025 9:38	Phosphorus, Total	J	0.022	mg/L	0.0135	EPA 365.1
8/6/2025 8:19	Phosphorus, Total	J	0.02	mg/L	0.0135	EPA 365.1
8/13/2025 8:30	Phosphorus, Total		0.082	mg/L	0.0135	EPA 365.1
8/20/2025 13:13	Phosphorus, Total		0.04	mg/L	0.0135	EPA 365.1
8/27/2025 10:18	Phosphorus, Total	J	0.022	mg/L	0.0135	EPA 365.1
7/30/2025 9:38	Potassium, Total	J	3705	ug/L	735	EPA-200.8
8/6/2025 8:19	Potassium, Total	J	3640	ug/L	735	EPA-200.8
8/13/2025 8:30	Potassium, Total	J	3760	ug/L	735	EPA-200.8
8/20/2025 13:13	Potassium, Total	J	3680	ug/L	735	EPA-200.8
8/27/2025 10:18	Potassium, Total	J	3450	ug/L	735	EPA-200.8
7/30/2025 9:38	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/6/2025 8:19	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/13/2025 8:30	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/20/2025 13:13	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/27/2025 10:18	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/30/2025 9:38	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/6/2025 8:19	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

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8/13/2025 8:30	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/20/2025 13:13	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/27/2025 10:18	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/30/2025 9:38	Sodium, Total		93500	ug/L	130	EPA-200.8
8/6/2025 8:19	Sodium, Total		109000	ug/L	130	EPA-200.8
8/13/2025 8:30	Sodium, Total		76000	ug/L	130	EPA-200.8
8/20/2025 13:13	Sodium, Total		90400	ug/L	130	EPA-200.8
8/27/2025 10:18	Sodium, Total		116000	ug/L	130	EPA-200.8
7/30/2025 9:38	Strontium, Total		281	ug/L	0.185	EPA-200.8
8/6/2025 8:19	Strontium, Total		315	ug/L	0.185	EPA-200.8
8/13/2025 8:30	Strontium, Total		200	ug/L	0.185	EPA-200.8
8/20/2025 13:13	Strontium, Total		259	ug/L	0.185	EPA-200.8
8/27/2025 10:18	Strontium, Total		317	ug/L	0.185	EPA-200.8
7/30/2025 9:38	Sulfate		44.75	mg/L	1.88	EPA 300.0
8/6/2025 8:19	Sulfate		52.3	mg/L	1.88	EPA 300.0
8/13/2025 8:30	Sulfate		31.8	mg/L	0.94	EPA 300.0
8/20/2025 13:13	Sulfate		39.7	mg/L	0.94	EPA 300.0
8/27/2025 10:18	Sulfate		48.8	mg/L	1.88	EPA 300.0
7/30/2025 9:38	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/6/2025 8:19	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/13/2025 8:30	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
8/20/2025 13:13	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/27/2025 10:18	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/30/2025 9:38	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/6/2025 8:19	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/13/2025 8:30	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/20/2025 13:13	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/27/2025 10:18	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/30/2025 9:38	Titanium, Total	J	2.475	ug/L	0.945	EPA-200.8
8/6/2025 8:19	Titanium, Total	J	2.96	ug/L	0.945	EPA-200.8
8/13/2025 8:30	Titanium, Total		15.8	ug/L	0.945	EPA-200.8
8/20/2025 13:13	Titanium, Total	J	3.53	ug/L	0.945	EPA-200.8
8/27/2025 10:18	Titanium, Total	J	5.43	ug/L	0.945	EPA-200.8
7/30/2025 9:38	Total Dissolved Solids		463	mg/L	5	SM2540 C

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8/6/2025 8:19	Total Dissolved Solids		610	mg/L	5	SM2540 C
8/13/2025 8:30	Total Dissolved Solids		384	mg/L	5	SM2540 C
8/20/2025 13:13	Total Dissolved Solids		486	mg/L	5	SM2540 C
8/27/2025 10:18	Total Dissolved Solids		576	mg/L	5	SM2540 C
7/30/2025 9:38	Total Kjeldahl Nitrogen	J	0.416	mg/L	0.342	EPA351.2 (G)
8/6/2025 8:19	Total Kjeldahl Nitrogen	J	0.416	mg/L	0.342	EPA351.2 (G)
8/13/2025 8:30	Total Kjeldahl Nitrogen		0.88	mg/L	0.342	EPA351.2 (G)
8/20/2025 13:13	Total Kjeldahl Nitrogen	J	0.456	mg/L	0.342	EPA351.2 (G)
8/27/2025 10:18	Total Kjeldahl Nitrogen	J	0.515	mg/L	0.342	EPA351.2 (G)
7/30/2025 9:38	Total Solids		509	mg/L	18.8	SM2540 B
8/6/2025 8:19	Total Solids		626	mg/L	18.8	SM2540 B
8/13/2025 8:30	Total Solids		396	mg/L	18.8	SM2540 B
8/20/2025 13:13	Total Solids		458	mg/L	18.8	SM2540 B
8/27/2025 10:18	Total Solids		630	mg/L	18.8	SM2540 B
7/30/2025 9:38	Total Suspended Solids		1.9	mg/L	0.9	SM2540 D
8/6/2025 8:19	Total Suspended Solids	J	1.9	mg/L	0.9	SM2540 D
8/13/2025 8:30	Total Suspended Solids		56.8	mg/L	3.4	SM2540 D
8/20/2025 13:13	Total Suspended Solids		5.5	mg/L	0.9	SM2540 D
8/27/2025 10:18	Total Suspended Solids		17.9	mg/L	0.9	SM2540 D
7/30/2025 9:38	Turbidity		5.05	NTU	0.4	EPA 180.1
8/6/2025 8:19	Turbidity		5.5	NTU	0.4	EPA 180.1
8/13/2025 8:30	Turbidity		24.1	NTU	0.4	EPA 180.1
8/20/2025 13:13	Turbidity		6.6	NTU	0.4	EPA 180.1
8/27/2025 10:18	Turbidity		8.9	NTU	0.4	EPA 180.1
7/30/2025 9:38	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/6/2025 8:19	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/13/2025 8:30	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/20/2025 13:13	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/27/2025 10:18	Vanadium, Total	J	13	ug/L	8.5	EPA-200.8
7/30/2025 9:38	Water Temperature		22.17	°C		EPA 170.1
8/6/2025 8:19	Water Temperature		19.04	°C		EPA 170.1
8/13/2025 8:30	Water Temperature		22.27	°C		EPA 170.1
8/20/2025 13:13	Water Temperature		21.55	°C		EPA 170.1
8/27/2025 10:18	Water Temperature		16.89	°C		EPA 170.1

Furnace Run
River Mile 7.25

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 9:38	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/6/2025 8:19	Zinc, Total	J	7.2	ug/L	7.2	EPA-200.8
8/13/2025 8:30	Zinc, Total	J	11	ug/L	7.2	EPA-200.8
8/20/2025 13:13	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/27/2025 10:18	Zinc, Total	J	7.66	ug/L	7.2	EPA-200.8

Furnace Run
River Mile 1.85

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 8:15	Alkalinity, Total		164	mg/LCaCO3	7.05	EPA-310.2
8/6/2025 8:50	Alkalinity, Total		178	mg/LCaCO3	7.05	EPA-310.2
8/13/2025 8:00	Alkalinity, Total		66.9	mg/LCaCO3	9.88	EPA-310.2
8/20/2025 10:38	Alkalinity, Total		130	mg/LCaCO3	9.88	EPA-310.2
8/27/2025 10:45	Alkalinity, Total		180	mg/LCaCO3	9.88	EPA-310.2
7/30/2025 8:15	Aluminum, Total	J	164	ug/L	45.8	EPA-200.8
8/6/2025 8:50	Aluminum, Total	J	109	ug/L	45.8	EPA-200.8
8/13/2025 8:00	Aluminum, Total		7140	ug/L	45.8	EPA-200.8
8/20/2025 10:38	Aluminum, Total		477	ug/L	45.8	EPA-200.8
8/27/2025 10:45	Aluminum, Total	J	84.4	ug/L	45.8	EPA-200.8
7/30/2025 8:15	Ammonia, Total	J	0.043	mg/L	0.024	EPA-350.1 (G)
8/6/2025 8:50	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/13/2025 8:00	Ammonia, Total	J	0.032	mg/L	0.024	EPA-350.1 (G)
8/20/2025 10:38	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/27/2025 10:45	Ammonia, Total	J	0.036	mg/L	0.024	EPA-350.1 (G)
7/30/2025 8:15	Antimony, Total	J	0.222	ug/L	0.215	EPA-200.8
8/6/2025 8:50	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/13/2025 8:00	Antimony, Total	J	0.396	ug/L	0.215	EPA-200.8
8/20/2025 10:38	Antimony, Total	J	0.29	ug/L	0.215	EPA-200.8
8/27/2025 10:45	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
7/30/2025 8:15	Arsenic, Total	J	0.782	ug/L	0.585	EPA-200.8
8/6/2025 8:50	Arsenic, Total	J	0.89	ug/L	0.585	EPA-200.8
8/13/2025 8:00	Arsenic, Total		7.6	ug/L	0.585	EPA-200.8
8/20/2025 10:38	Arsenic, Total	J	1.44	ug/L	0.585	EPA-200.8
8/27/2025 10:45	Arsenic, Total	J	1.14	ug/L	0.585	EPA-200.8
7/30/2025 8:15	Barium, Total		38.8	ug/L	0.605	EPA-200.8
8/6/2025 8:50	Barium, Total		45.9	ug/L	0.605	EPA-200.8
8/13/2025 8:00	Barium, Total		74.4	ug/L	0.605	EPA-200.8
8/20/2025 10:38	Barium, Total		36.5	ug/L	0.605	EPA-200.8
8/27/2025 10:45	Barium, Total		53.6	ug/L	0.605	EPA-200.8
7/30/2025 8:15	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/6/2025 8:50	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/13/2025 8:00	Beryllium, Total	J	0.362	ug/L	0.2	EPA-200.8
8/20/2025 10:38	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/27/2025 10:45	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8

Furnace Run
River Mile 1.85

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 8:15	BOD, Total	<	2	mg/L	2	SM5210 B
8/6/2025 8:50	BOD, Total	<	2	mg/L	2	SM5210 B
8/13/2025 8:00	BOD, Total		4.5	mg/L	2	SM5210 B
8/20/2025 10:38	BOD, Total	<	2	mg/L	2	SM5210 B
8/27/2025 10:45	BOD, Total	<	2	mg/L	2	SM5210 B
7/30/2025 8:15	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/6/2025 8:50	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/13/2025 8:00	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/20/2025 10:38	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/27/2025 10:45	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/30/2025 8:15	Calcium, Total		53200	ug/L	215	EPA-200.8
8/6/2025 8:50	Calcium, Total		67100	ug/L	215	EPA-200.8
8/13/2025 8:00	Calcium, Total		37600	ug/L	215	EPA-200.8
8/20/2025 10:38	Calcium, Total		46800	ug/L	215	EPA-200.8
8/27/2025 10:45	Calcium, Total		79100	ug/L	215	EPA-200.8
7/30/2025 8:15	Chloride		152	mg/L	0.387	EPA 300.0
8/6/2025 8:50	Chloride		156	mg/L	0.387	EPA 300.0
8/13/2025 8:00	Chloride		88.4	mg/L	0.387	EPA 300.0
8/20/2025 10:38	Chloride		135	mg/L	0.387	EPA 300.0
8/27/2025 10:45	Chloride		189	mg/L	0.774	EPA 300.0
7/30/2025 8:15	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/6/2025 8:50	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/13/2025 8:00	Chromium, Total	J	13.7	ug/L	6.85	EPA-200.8
8/20/2025 10:38	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/27/2025 10:45	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/30/2025 8:15	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
8/6/2025 8:50	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
8/13/2025 8:00	Cobalt, Total		5.88	ug/L	0.185	EPA-200.8
8/20/2025 10:38	Cobalt, Total	J	0.494	ug/L	0.185	EPA-200.8
8/27/2025 10:45	Cobalt, Total	J	0.209	ug/L	0.185	EPA-200.8
7/30/2025 8:15	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/6/2025 8:50	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/13/2025 8:00	COD, Total		43.3	mg/L	16.6	EPA 410.4
8/20/2025 10:38	COD, Total	<	16.6	mg/L	16.6	EPA 410.4

Furnace Run
River Mile 1.85

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/27/2025 10:45	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/30/2025 8:15	Conductivity		865	UMHOS/CM		SM 2510A
8/6/2025 8:50	Conductivity		884	UMHOS/CM		SM 2510A
8/13/2025 8:00	Conductivity		519	UMHOS/CM		SM 2510A
8/20/2025 10:38	Conductivity		767	UMHOS/CM		SM 2510A
8/27/2025 10:45	Conductivity		885	UMHOS/CM		SM 2510A
7/30/2025 8:15	Specific Conductance		907	UMHOS/CM		SM 2510B
8/6/2025 8:50	Specific Conductance		965	UMHOS/CM		SM 2510B
8/13/2025 8:00	Specific Conductance		547	UMHOS/CM		SM 2510B
8/20/2025 10:38	Specific Conductance		811	UMHOS/CM		SM 2510B
8/27/2025 10:45	Specific Conductance		1054	UMHOS/CM		SM 2510B
7/30/2025 8:15	Copper, Total	J	2.02	ug/L	0.45	EPA-200.8
8/6/2025 8:50	Copper, Total	J	1.8	ug/L	0.45	EPA-200.8
8/13/2025 8:00	Copper, Total		12.4	ug/L	0.45	EPA-200.8
8/20/2025 10:38	Copper, Total	J	2.68	ug/L	0.45	EPA-200.8
8/27/2025 10:45	Copper, Total	J	1.6	ug/L	0.45	EPA-200.8
7/30/2025 8:15	Dissolved Oxygen		87	%		N/A
8/6/2025 8:50	Dissolved Oxygen		81	%		N/A
8/13/2025 8:00	Dissolved Oxygen		93	%		N/A
8/20/2025 10:38	Dissolved Oxygen		94	%		N/A
8/27/2025 10:45	Dissolved Oxygen		97	%		N/A
7/30/2025 8:15	Dissolved Oxygen		7.5	mg/L		SM 4500-O G
8/6/2025 8:50	Dissolved Oxygen		7.2	mg/L		SM 4500-O G
8/13/2025 8:00	Dissolved Oxygen		8.1	mg/L		SM 4500-O G
8/20/2025 10:38	Dissolved Oxygen		8.1	mg/L		SM 4500-O G
8/27/2025 10:45	Dissolved Oxygen		9.4	mg/L		SM 4500-O G
7/30/2025 8:15	Escherichia coli		488	MPN/100 mL	1	SM9223 Colilert
8/6/2025 8:50	Escherichia coli		66	MPN/100 mL	1	SM9223 Colilert
8/13/2025 8:00	Escherichia coli		12110	MPN/100 mL	1	SM9223 Colilert
8/20/2025 10:38	Escherichia coli		3680	MPN/100 mL	1	SM9223 Colilert
8/27/2025 10:45	Escherichia coli		84	MPN/100 mL	1	SM9223 Colilert
7/30/2025 8:15	Hardness, Total		181	mg/LCaCO3		EPA-200.8
8/6/2025 8:50	Hardness, Total		228	mg/LCaCO3		EPA-200.8
8/13/2025 8:00	Hardness, Total		130	mg/LCaCO3		EPA-200.8

Furnace Run
River Mile 1.85

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/20/2025 10:38	Hardness, Total		156	mg/LCaCO3		EPA-200.8
8/27/2025 10:45	Hardness, Total		271	mg/LCaCO3		EPA-200.8
7/30/2025 8:15	Iron, Total	J	481	ug/L	168	EPA-200.8
8/6/2025 8:50	Iron, Total		562	ug/L	168	EPA-200.8
8/13/2025 8:00	Iron, Total		11000	ug/L	168	EPA-200.8
8/20/2025 10:38	Iron, Total		872	ug/L	168	EPA-200.8
8/27/2025 10:45	Iron, Total		627	ug/L	168	EPA-200.8
7/30/2025 8:15	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/6/2025 8:50	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/13/2025 8:00	Lead, Total		10.1	ug/L	0.295	EPA-200.8
8/20/2025 10:38	Lead, Total	J	0.522	ug/L	0.295	EPA-200.8
8/27/2025 10:45	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/30/2025 8:15	Magnesium, Total		11700	ug/L	41	EPA-200.8
8/6/2025 8:50	Magnesium, Total		14600	ug/L	41	EPA-200.8
8/13/2025 8:00	Magnesium, Total		8910	ug/L	41	EPA-200.8
8/20/2025 10:38	Magnesium, Total		9630	ug/L	41	EPA-200.8
8/27/2025 10:45	Magnesium, Total		17900	ug/L	41	EPA-200.8
7/30/2025 8:15	Manganese, Total	J	19.3	ug/L	0.335	EPA-200.8
8/6/2025 8:50	Manganese, Total		31.2	ug/L	0.335	EPA-200.8
8/13/2025 8:00	Manganese, Total		314	ug/L	0.335	EPA-200.8
8/20/2025 10:38	Manganese, Total	J	24.4	ug/L	0.335	EPA-200.8
8/27/2025 10:45	Manganese, Total		25.1	ug/L	0.335	EPA-200.8
7/30/2025 8:15	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/6/2025 8:50	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/13/2025 8:00	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/20/2025 10:38	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/27/2025 10:45	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/30/2025 8:15	Molybdenum, Total		3.22	ug/L	0.12	EPA-200.8
8/6/2025 8:50	Molybdenum, Total		3.53	ug/L	0.12	EPA-200.8
8/13/2025 8:00	Molybdenum, Total		3.74	ug/L	0.12	EPA-200.8
8/20/2025 10:38	Molybdenum, Total		3.34	ug/L	0.12	EPA-200.8
8/27/2025 10:45	Molybdenum, Total		3.87	ug/L	0.12	EPA-200.8
7/30/2025 8:15	Nickel, Total	J	1.26	ug/L	0.265	EPA-200.8
8/6/2025 8:50	Nickel, Total	J	1.27	ug/L	0.265	EPA-200.8

Furnace Run
River Mile 1.85

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/13/2025 8:00	Nickel, Total		14.1	ug/L	0.265	EPA-200.8
8/20/2025 10:38	Nickel, Total	J	1.89	ug/L	0.265	EPA-200.8
8/27/2025 10:45	Nickel, Total	J	1.38	ug/L	0.265	EPA-200.8
7/30/2025 8:15	Nitrite - Nitrate, Total	J	0.044	mg/L	0.024	ASTM D7781
8/6/2025 8:50	Nitrite - Nitrate, Total	<	0.024	mg/L	0.024	ASTM D7781
8/13/2025 8:00	Nitrite - Nitrate, Total		0.496	mg/L	0.024	ASTM D7781
8/27/2025 10:45	Nitrite - Nitrate, Total	J	0.032	mg/L	0.024	ASTM D7781
7/30/2025 8:15	pH		7.9	S.U.		N/A
8/6/2025 8:50	pH		7.7	S.U.		N/A
8/13/2025 8:00	pH		8	S.U.		N/A
8/20/2025 10:38	pH		8.1	S.U.		N/A
8/27/2025 10:45	pH		8.1	S.U.		N/A
7/30/2025 8:15	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/6/2025 8:50	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/13/2025 8:00	Phosphorus, Diss. Reactive		0.0434	mg/L	0.014	EPA 365.1
8/20/2025 10:38	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/27/2025 10:45	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
7/30/2025 8:15	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
8/6/2025 8:50	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
8/13/2025 8:00	Phosphorus, Total		0.245	mg/L	0.0135	EPA 365.1
8/20/2025 10:38	Phosphorus, Total	J	0.025	mg/L	0.0135	EPA 365.1
8/27/2025 10:45	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
7/30/2025 8:15	Potassium, Total	J	3580	ug/L	735	EPA-200.8
8/6/2025 8:50	Potassium, Total	J	3800	ug/L	735	EPA-200.8
8/13/2025 8:00	Potassium, Total	J	4330	ug/L	735	EPA-200.8
8/20/2025 10:38	Potassium, Total	J	3460	ug/L	735	EPA-200.8
8/27/2025 10:45	Potassium, Total	J	4070	ug/L	735	EPA-200.8
7/30/2025 8:15	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/6/2025 8:50	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/13/2025 8:00	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/20/2025 10:38	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/27/2025 10:45	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/30/2025 8:15	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/6/2025 8:50	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

Furnace Run
River Mile 1.85

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/13/2025 8:00	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/20/2025 10:38	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/27/2025 10:45	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/30/2025 8:15	Sodium, Total		80400	ug/L	130	EPA-200.8
8/6/2025 8:50	Sodium, Total		92100	ug/L	130	EPA-200.8
8/13/2025 8:00	Sodium, Total		45600	ug/L	130	EPA-200.8
8/20/2025 10:38	Sodium, Total		77800	ug/L	130	EPA-200.8
8/27/2025 10:45	Sodium, Total		124000	ug/L	130	EPA-200.8
7/30/2025 8:15	Strontium, Total		278	ug/L	0.185	EPA-200.8
8/6/2025 8:50	Strontium, Total		332	ug/L	0.185	EPA-200.8
8/13/2025 8:00	Strontium, Total		205	ug/L	0.185	EPA-200.8
8/20/2025 10:38	Strontium, Total		245	ug/L	0.185	EPA-200.8
8/27/2025 10:45	Strontium, Total		398	ug/L	0.185	EPA-200.8
7/30/2025 8:15	Sulfate		54.6	mg/L	0.94	EPA 300.0
8/6/2025 8:50	Sulfate		63.7	mg/L	0.94	EPA 300.0
8/13/2025 8:00	Sulfate		34	mg/L	0.94	EPA 300.0
8/20/2025 10:38	Sulfate		45.9	mg/L	0.94	EPA 300.0
8/27/2025 10:45	Sulfate		61.8	mg/L	1.88	EPA 300.0
7/30/2025 8:15	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/6/2025 8:50	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/13/2025 8:00	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/20/2025 10:38	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/27/2025 10:45	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/30/2025 8:15	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/6/2025 8:50	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/13/2025 8:00	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/20/2025 10:38	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/27/2025 10:45	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/30/2025 8:15	Titanium, Total	J	7.59	ug/L	0.945	EPA-200.8
8/6/2025 8:50	Titanium, Total	J	2.41	ug/L	0.945	EPA-200.8
8/13/2025 8:00	Titanium, Total		157	ug/L	0.945	EPA-200.8
8/20/2025 10:38	Titanium, Total	J	7.35	ug/L	0.945	EPA-200.8
8/27/2025 10:45	Titanium, Total	J	2.72	ug/L	0.945	EPA-200.8
7/30/2025 8:15	Total Dissolved Solids		488	mg/L	5	SM2540 C

Furnace Run
River Mile 1.85

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/6/2025 8:50	Total Dissolved Solids		578	mg/L	5	SM2540 C
8/13/2025 8:00	Total Dissolved Solids		290	mg/L	5	SM2540 C
8/20/2025 10:38	Total Dissolved Solids		436	mg/L	5	SM2540 C
8/27/2025 10:45	Total Dissolved Solids		592	mg/L	5	SM2540 C
7/30/2025 8:15	Total Kjeldahl Nitrogen	<	0.342	mg/L	0.342	EPA351.2 (G)
8/6/2025 8:50	Total Kjeldahl Nitrogen	J	0.37	mg/L	0.342	EPA351.2 (G)
8/13/2025 8:00	Total Kjeldahl Nitrogen		1.39	mg/L	0.342	EPA351.2 (G)
8/20/2025 10:38	Total Kjeldahl Nitrogen	J	0.36	mg/L	0.342	EPA351.2 (G)
8/27/2025 10:45	Total Kjeldahl Nitrogen	<	0.342	mg/L	0.342	EPA351.2 (G)
7/30/2025 8:15	Total Solids		512	mg/L	18.8	SM2540 B
8/6/2025 8:50	Total Solids		564	mg/L	18.8	SM2540 B
8/13/2025 8:00	Total Solids		772	mg/L	18.8	SM2540 B
8/20/2025 10:38	Total Solids		500	mg/L	18.8	SM2540 B
8/27/2025 10:45	Total Solids		650	mg/L	18.8	SM2540 B
7/30/2025 8:15	Total Suspended Solids		5.1	mg/L	0.9	SM2540 D
8/6/2025 8:50	Total Suspended Solids	J	1.3	mg/L	0.9	SM2540 D
8/13/2025 8:00	Total Suspended Solids		402	mg/L	8.6	SM2540 D
8/20/2025 10:38	Total Suspended Solids		21.6	mg/L	1.1	SM2540 D
8/27/2025 10:45	Total Suspended Solids		3.8	mg/L	0.9	SM2540 D
7/30/2025 8:15	Turbidity		6.7	NTU	0.4	EPA 180.1
8/6/2025 8:50	Turbidity		3.1	NTU	0.4	EPA 180.1
8/13/2025 8:00	Turbidity		27.4	NTU	0.4	EPA 180.1
8/20/2025 10:38	Turbidity		21.1	NTU	0.4	EPA 180.1
8/27/2025 10:45	Turbidity		3	NTU	0.4	EPA 180.1
7/30/2025 8:15	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/6/2025 8:50	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/13/2025 8:00	Vanadium, Total	J	19.8	ug/L	8.5	EPA-200.8
8/20/2025 10:38	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/27/2025 10:45	Vanadium, Total	J	24.4	ug/L	8.5	EPA-200.8
7/30/2025 8:15	Water Temperature		22.6	°C		EPA 170.1
8/6/2025 8:50	Water Temperature		20.64	°C		EPA 170.1
8/13/2025 8:00	Water Temperature		22.36	°C		EPA 170.1
8/20/2025 10:38	Water Temperature		22.17	°C		EPA 170.1
8/27/2025 10:45	Water Temperature		16.61	°C		EPA 170.1

Furnace Run
River Mile 1.85

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 8:15	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/6/2025 8:50	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/13/2025 8:00	Zinc, Total		42.5	ug/L	7.2	EPA-200.8
8/20/2025 10:38	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/27/2025 10:45	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8