

Hemlock Creek
River Mile 2.55

Sample Date	Parameter	Code	Result	Units	MDL	Method
6/17/2025 12:11	Alkalinity, Total		195	mg/LCaCO3	7.05	EPA-310.2
6/24/2025 11:10	Alkalinity, Total		200	mg/LCaCO3	7.05	EPA-310.2
7/1/2025 10:25	Alkalinity, Total		171	mg/LCaCO3	7.05	EPA-310.2
7/8/2025 10:42	Alkalinity, Total		203	mg/LCaCO3	7.05	EPA-310.2
7/15/2025 11:33	Alkalinity, Total		185.5	mg/LCaCO3	7.05	EPA-310.2
6/17/2025 12:11	Aluminum, Total	J	91.6	ug/L	45.8	EPA-200.8
6/24/2025 11:10	Aluminum, Total	J	157	ug/L	45.8	EPA-200.8
7/1/2025 10:25	Aluminum, Total	J	178	ug/L	45.8	EPA-200.8
7/8/2025 10:42	Aluminum, Total	J	59.3	ug/L	45.8	EPA-200.8
7/15/2025 11:33	Aluminum, Total	J	145	ug/L	45.8	EPA-200.8
6/17/2025 12:11	Ammonia, Total		0.162	mg/L	0.024	EPA-350.1 (G)
6/24/2025 11:10	Ammonia, Total		0.174	mg/L	0.024	EPA-350.1 (G)
7/1/2025 10:25	Ammonia, Total	J	0.04	mg/L	0.024	EPA-350.1 (G)
7/8/2025 10:42	Ammonia, Total		0.053	mg/L	0.024	EPA-350.1 (G)
7/15/2025 11:33	Ammonia, Total		0.7325	mg/L	0.024	EPA-350.1 (G)
6/17/2025 12:11	Antimony, Total	J	0.237	ug/L	0.215	EPA-200.8
6/24/2025 11:10	Antimony, Total	J	0.289	ug/L	0.215	EPA-200.8
7/1/2025 10:25	Antimony, Total	J	0.318	ug/L	0.215	EPA-200.8
7/8/2025 10:42	Antimony, Total	J	0.258	ug/L	0.215	EPA-200.8
7/15/2025 11:33	Antimony, Total	J	0.2625	ug/L	0.215	EPA-200.8
6/17/2025 12:11	Arsenic, Total	J	0.714	ug/L	0.585	EPA-200.8
6/24/2025 11:10	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
7/1/2025 10:25	Arsenic, Total	J	0.948	ug/L	0.585	EPA-200.8
7/8/2025 10:42	Arsenic, Total	J	1.06	ug/L	0.585	EPA-200.8
7/15/2025 11:33	Arsenic, Total	J	0.839	ug/L	0.585	EPA-200.8
6/17/2025 12:11	Barium, Total		24.9	ug/L	0.605	EPA-200.8
6/24/2025 11:10	Barium, Total		28.5	ug/L	0.605	EPA-200.8
7/1/2025 10:25	Barium, Total		22.7	ug/L	0.605	EPA-200.8
7/8/2025 10:42	Barium, Total		32.4	ug/L	0.605	EPA-200.8
7/15/2025 11:33	Barium, Total		27.8	ug/L	0.605	EPA-200.8
6/17/2025 12:11	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
6/24/2025 11:10	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/1/2025 10:25	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/8/2025 10:42	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/15/2025 11:33	Beryllium, Total	<	0.12	ug/L	0.2	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
6/17/2025 12:11	BOD, Total	<	2	mg/L	2	SM5210 B
6/24/2025 11:10	BOD, Total	<	2	mg/L	2	SM5210 B
7/1/2025 10:25	BOD, Total		2.5	mg/L	2	SM5210 B
7/8/2025 10:42	BOD, Total		4.3	mg/L	2	SM5210 B
7/15/2025 11:33	BOD, Total		3.4	mg/L	2	SM5210 B
6/17/2025 12:11	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
6/24/2025 11:10	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/1/2025 10:25	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
7/8/2025 10:42	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
7/15/2025 11:33	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
6/17/2025 12:11	Calcium, Total		55600	ug/L	215	EPA-200.8
6/24/2025 11:10	Calcium, Total		56400	ug/L	215	EPA-200.8
7/1/2025 10:25	Calcium, Total		47600	ug/L	215	EPA-200.8
7/8/2025 10:42	Calcium, Total		76400	ug/L	215	EPA-200.8
7/15/2025 11:33	Calcium, Total		64000	ug/L	215	EPA-200.8
6/17/2025 12:11	Chloride		126	mg/L	0.387	EPA 300.0
6/24/2025 11:10	Chloride		122	mg/L	0.387	EPA 300.0
7/1/2025 10:25	Chloride		89.1	mg/L	0.387	EPA 300.0
7/8/2025 10:42	Chloride		151	mg/L	0.387	EPA 300.0
7/15/2025 11:33	Chloride		126	mg/L	0.387	EPA 300.0
6/17/2025 12:11	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
6/24/2025 11:10	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/1/2025 10:25	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/8/2025 10:42	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/15/2025 11:33	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
6/17/2025 12:11	Cobalt, Total	J	0.48	ug/L	0.185	EPA-200.8
6/24/2025 11:10	Cobalt, Total	J	0.689	ug/L	0.185	EPA-200.8
7/1/2025 10:25	Cobalt, Total	J	0.581	ug/L	0.185	EPA-200.8
7/8/2025 10:42	Cobalt, Total	J	0.316	ug/L	0.185	EPA-200.8
7/15/2025 11:33	Cobalt, Total	J	0.3885	ug/L	0.185	EPA-200.8
6/17/2025 12:11	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
6/24/2025 11:10	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/1/2025 10:25	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/8/2025 10:42	COD, Total	<	16.6	mg/L	16.6	EPA 410.4

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/15/2025 11:33	COD, Total	J	19.75	mg/L	16.6	EPA 410.4
6/17/2025 12:11	Conductivity		883	UMHOS/CM		SM 2510A
6/24/2025 11:10	Conductivity		955	UMHOS/CM		SM 2510A
7/1/2025 10:25	Conductivity		717	UMHOS/CM		SM 2510A
7/8/2025 10:42	Conductivity		1056	UMHOS/CM		SM 2510A
7/15/2025 11:33	Conductivity		959	UMHOS/CM		SM 2510A
6/17/2025 12:11	Specific Conductance		969	UMHOS/CM		SM 2510B
6/24/2025 11:10	Specific Conductance		955	UMHOS/CM		SM 2510B
7/1/2025 10:25	Specific Conductance		758	UMHOS/CM		SM 2510B
7/8/2025 10:42	Specific Conductance		1077	UMHOS/CM		SM 2510B
7/15/2025 11:33	Specific Conductance		973	UMHOS/CM		SM 2510B
6/17/2025 12:11	Copper, Total	J	2.43	ug/L	0.45	EPA-200.8
6/24/2025 11:10	Copper, Total	J	2.36	ug/L	0.45	EPA-200.8
7/1/2025 10:25	Copper, Total	J	3.4	ug/L	0.45	EPA-200.8
7/8/2025 10:42	Copper, Total	J	2.56	ug/L	0.45	EPA-200.8
7/15/2025 11:33	Copper, Total	J	2.895	ug/L	0.45	EPA-200.8
6/17/2025 12:11	Dissolved Oxygen		105	%		N/A
6/24/2025 11:10	Dissolved Oxygen		104	%		N/A
7/1/2025 10:25	Dissolved Oxygen		96	%		N/A
7/8/2025 10:42	Dissolved Oxygen		134	%		N/A
7/15/2025 11:33	Dissolved Oxygen		140	%		N/A
6/17/2025 12:11	Dissolved Oxygen		9.5	mg/L		SM 4500-O G
6/24/2025 11:10	Dissolved Oxygen		8.6	mg/L		SM 4500-O G
7/1/2025 10:25	Dissolved Oxygen		8.3	mg/L		SM 4500-O G
7/8/2025 10:42	Dissolved Oxygen		11.3	mg/L		SM 4500-O G
7/15/2025 11:33	Dissolved Oxygen		11.7	mg/L		SM 4500-O G
6/17/2025 12:11	Escherichia coli		4665	MPN/100 mL	1	SM9223 Colilert
6/24/2025 11:10	Escherichia coli		1986	MPN/100 mL	1	SM9223 Colilert
7/1/2025 10:25	Escherichia coli		2420	MPN/100 mL	1	SM9223 Colilert
7/8/2025 10:42	Escherichia coli		81	MPN/100 mL	1	SM9223 Colilert
7/15/2025 11:33	Escherichia coli		5210	MPN/100 mL	1	SM9223 Colilert
6/17/2025 12:11	Hardness, Total		232	mg/LCaCO3		EPA-200.8
6/24/2025 11:10	Hardness, Total		227	mg/LCaCO3		EPA-200.8
7/1/2025 10:25	Hardness, Total		199	mg/LCaCO3		EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/8/2025 10:42	Hardness, Total		323	mg/LCaCO3		EPA-200.8
7/15/2025 11:33	Hardness, Total		266	mg/LCaCO3		EPA-200.8
6/17/2025 12:11	Iron, Total		668	ug/L	168	EPA-200.8
6/24/2025 11:10	Iron, Total		663	ug/L	168	EPA-200.8
7/1/2025 10:25	Iron, Total		711	ug/L	168	EPA-200.8
7/8/2025 10:42	Iron, Total		643	ug/L	168	EPA-200.8
7/15/2025 11:33	Iron, Total		768	ug/L	168	EPA-200.8
6/17/2025 12:11	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
6/24/2025 11:10	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/1/2025 10:25	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/8/2025 10:42	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/15/2025 11:33	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
6/17/2025 12:11	Magnesium, Total		22700	ug/L	41	EPA-200.8
6/24/2025 11:10	Magnesium, Total		23300	ug/L	41	EPA-200.8
7/1/2025 10:25	Magnesium, Total		19500	ug/L	41	EPA-200.8
7/8/2025 10:42	Magnesium, Total		32100	ug/L	41	EPA-200.8
7/15/2025 11:33	Magnesium, Total		25800	ug/L	41	EPA-200.8
6/17/2025 12:11	Manganese, Total		43	ug/L	0.335	EPA-200.8
6/24/2025 11:10	Manganese, Total		70.7	ug/L	0.335	EPA-200.8
7/1/2025 10:25	Manganese, Total		44.8	ug/L	0.335	EPA-200.8
7/8/2025 10:42	Manganese, Total		34	ug/L	0.335	EPA-200.8
6/17/2025 12:11	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
6/24/2025 11:10	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/1/2025 10:25	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/8/2025 10:42	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/15/2025 11:33	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
6/17/2025 12:11	Molybdenum, Total	J	1.64	ug/L	0.12	EPA-200.8
6/24/2025 11:10	Molybdenum, Total	J	1.58	ug/L	0.12	EPA-200.8
7/1/2025 10:25	Molybdenum, Total	J	1.97	ug/L	0.12	EPA-200.8
7/8/2025 10:42	Molybdenum, Total		2.15	ug/L	0.12	EPA-200.8
7/15/2025 11:33	Molybdenum, Total		2.14	ug/L	0.12	EPA-200.8
6/17/2025 12:11	Nickel, Total		3.63	ug/L	0.265	EPA-200.8
6/24/2025 11:10	Nickel, Total		4.54	ug/L	0.265	EPA-200.8
7/1/2025 10:25	Nickel, Total		3.79	ug/L	0.265	EPA-200.8

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7/8/2025 10:42	Nickel, Total		3.02	ug/L	0.265	EPA-200.8
7/15/2025 11:33	Nickel, Total		2.905	ug/L	0.265	EPA-200.8
6/17/2025 12:11	Nitrite - Nitrate, Total		0.815	mg/L	0.024	ASTM D7781
6/24/2025 11:10	Nitrite - Nitrate, Total		0.63	mg/L	0.024	ASTM D7781
7/1/2025 10:25	Nitrite - Nitrate, Total		0.718	mg/L	0.024	ASTM D7781
7/8/2025 10:42	Nitrite - Nitrate, Total		0.218	mg/L	0.024	ASTM D7781
7/15/2025 11:33	Nitrite - Nitrate, Total		0.194	mg/L	0.024	ASTM D7781
6/17/2025 12:11	pH		8.1	S.U.		N/A
6/24/2025 11:10	pH		8	S.U.		N/A
7/1/2025 10:25	pH		8.1	S.U.		N/A
7/8/2025 10:42	pH		8.2	S.U.		N/A
7/15/2025 11:33	pH		8.3	S.U.		N/A
6/17/2025 12:11	Phosphorus, Diss. Reactive	J	0.0176	mg/L	0.014	EPA 365.1
6/24/2025 11:10	Phosphorus, Diss. Reactive		0.0441	mg/L	0.014	EPA 365.1
7/1/2025 10:25	Phosphorus, Diss. Reactive	J	0.0152	mg/L	0.014	EPA 365.1
7/8/2025 10:42	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.006	EPA 365.1
7/15/2025 11:33	Phosphorus, Diss. Reactive		0.09235	mg/L	0.014	EPA 365.1
6/17/2025 12:11	Phosphorus, Total		0.033	mg/L	0.0135	EPA 365.1
6/24/2025 11:10	Phosphorus, Total		0.042	mg/L	0.0135	EPA 365.1
7/1/2025 10:25	Phosphorus, Total		0.039	mg/L	0.0135	EPA 365.1
7/8/2025 10:42	Phosphorus, Total	J	0.019	mg/L	0.0135	EPA 365.1
7/15/2025 11:33	Phosphorus, Total		0.1015	mg/L	0.0135	EPA 365.1
6/17/2025 12:11	Potassium, Total	J	4790	ug/L	735	EPA-200.8
6/24/2025 11:10	Potassium, Total	J	5110	ug/L	735	EPA-200.8
7/1/2025 10:25	Potassium, Total	J	4820	ug/L	735	EPA-200.8
7/8/2025 10:42	Potassium, Total	J	6180	ug/L	735	EPA-200.8
7/15/2025 11:33	Potassium, Total	J	5895	ug/L	735	EPA-200.8
6/17/2025 12:11	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
6/24/2025 11:10	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/1/2025 10:25	Selenium, Total	<	0.109	ug/L	0.545	EPA-200.8
7/8/2025 10:42	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/15/2025 11:33	Selenium, Total	<	0.327	ug/L	0.545	EPA-200.8
6/17/2025 12:11	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
6/24/2025 11:10	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

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7/1/2025 10:25	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
7/8/2025 10:42	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
7/15/2025 11:33	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
6/17/2025 12:11	Sodium, Total		70600	ug/L	130	EPA-200.8
6/24/2025 11:10	Sodium, Total		62900	ug/L	130	EPA-200.8
7/1/2025 10:25	Sodium, Total		58900	ug/L	130	EPA-200.8
7/8/2025 10:42	Sodium, Total		94000	ug/L	130	EPA-200.8
7/15/2025 11:33	Sodium, Total		82550	ug/L	130	EPA-200.8
6/17/2025 12:11	Strontium, Total		295	ug/L	0.185	EPA-200.8
6/24/2025 11:10	Strontium, Total		308	ug/L	0.185	EPA-200.8
7/1/2025 10:25	Strontium, Total		268	ug/L	0.185	EPA-200.8
7/8/2025 10:42	Strontium, Total		424	ug/L	0.185	EPA-200.8
7/15/2025 11:33	Strontium, Total		341.5	ug/L	0.185	EPA-200.8
6/17/2025 12:11	Sulfate		87	mg/L	0.94	EPA 300.0
6/24/2025 11:10	Sulfate		92.1	mg/L	0.94	EPA 300.0
7/1/2025 10:25	Sulfate		61.1	mg/L	0.94	EPA 300.0
7/8/2025 10:42	Sulfate		111	mg/L	0.94	EPA 300.0
7/15/2025 11:33	Sulfate		96.7	mg/L	0.94	EPA 300.0
6/17/2025 12:11	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
6/24/2025 11:10	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/1/2025 10:25	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
7/8/2025 10:42	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
7/15/2025 11:33	Thallium, Total	<	0.852	ug/L	1.42	EPA-200.8
6/17/2025 12:11	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
6/24/2025 11:10	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/1/2025 10:25	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/8/2025 10:42	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/15/2025 11:33	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
6/17/2025 12:11	Titanium, Total	J	2.04	ug/L	0.945	EPA-200.8
6/24/2025 11:10	Titanium, Total	J	2.97	ug/L	0.945	EPA-200.8
7/1/2025 10:25	Titanium, Total	J	2.75	ug/L	0.945	EPA-200.8
7/8/2025 10:42	Titanium, Total	J	3.36	ug/L	0.945	EPA-200.8
7/15/2025 11:33	Titanium, Total	J	4.3	ug/L	0.945	EPA-200.8
6/17/2025 12:11	Total Dissolved Solids		620	mg/L	5	SM2540 C

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6/24/2025 11:10	Total Dissolved Solids		666	mg/L	5	SM2540 C
7/1/2025 10:25	Total Dissolved Solids		482	mg/L	5	SM2540 C
7/8/2025 10:42	Total Dissolved Solids		692	mg/L	5	SM2540 C
7/15/2025 11:33	Total Dissolved Solids		591	mg/L	5	SM2540 C
6/17/2025 12:11	Total Kjeldahl Nitrogen		0.771	mg/L	0.342	EPA351.2 (G)
6/24/2025 11:10	Total Kjeldahl Nitrogen		0.75	mg/L	0.342	EPA351.2 (G)
7/1/2025 10:25	Total Kjeldahl Nitrogen	J	0.674	mg/L	0.342	EPA351.2 (G)
7/8/2025 10:42	Total Kjeldahl Nitrogen	J	0.573	mg/L	0.342	EPA351.2 (G)
7/15/2025 11:33	Total Kjeldahl Nitrogen		1.345	mg/L	0.342	EPA351.2 (G)
6/17/2025 12:11	Total Solids		748	mg/L	18.8	SM2540 B
6/24/2025 11:10	Total Solids		620	mg/L	18.8	SM2540 B
7/1/2025 10:25	Total Solids		480	mg/L	18.8	SM2540 B
7/8/2025 10:42	Total Solids		718	mg/L	18.8	SM2540 B
7/15/2025 11:33	Total Solids		582	mg/L	18.8	SM2540 B
6/17/2025 12:11	Total Suspended Solids	J	1.9	mg/L	0.9	SM2540 D
6/24/2025 11:10	Total Suspended Solids		8.3	mg/L	0.9	SM2540 D
7/1/2025 10:25	Total Suspended Solids		5.3	mg/L	0.9	SM2540 D
7/8/2025 10:42	Total Suspended Solids		2.2	mg/L	0.9	SM2540 D
7/15/2025 11:33	Total Suspended Solids		4.05	mg/L	0.9	SM2540 D
6/17/2025 12:11	Turbidity		4.3	NTU	0.3	EPA 180.1
6/24/2025 11:10	Turbidity		5.6	NTU	0.3	EPA 180.1
7/1/2025 10:25	Turbidity		8.6	NTU	0.3	EPA 180.1
7/8/2025 10:42	Turbidity		4.9	NTU	0.4	EPA 180.1
7/15/2025 11:33	Turbidity		4.2	NTU	0.4	EPA 180.1
6/17/2025 12:11	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
6/24/2025 11:10	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/1/2025 10:25	Vanadium, Total	<	1.7	ug/L	8.5	EPA-200.8
7/8/2025 10:42	Vanadium, Total	<	1.7	ug/L	8.5	EPA-200.8
7/15/2025 11:33	Vanadium, Total	<	7.4	ug/L	8.5	EPA-200.8
6/17/2025 12:11	Water Temperature		20.34	°C		EPA 170.1
6/24/2025 11:10	Water Temperature		25.03	°C		EPA 170.1
7/1/2025 10:25	Water Temperature		22.18	°C		EPA 170.1
7/8/2025 10:42	Water Temperature		23.96	°C		EPA 170.1
7/15/2025 11:33	Water Temperature		24.31	°C		EPA 170.1

Hemlock Creek
River Mile 2.55

Sample Date	Parameter	Code	Result	Units	MDL	Method
6/17/2025 12:11	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
6/24/2025 11:10	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/1/2025 10:25	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/8/2025 10:42	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/15/2025 11:33	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8

Hemlock Creek
River Mile 1.15

Sample Date	Parameter	Code	Result	Units	MDL	Method
6/17/2025 11:28	Alkalinity, Total		160	mg/LCaCO3	7.05	EPA-310.2
6/24/2025 10:45	Alkalinity, Total		167	mg/LCaCO3	7.05	EPA-310.2
7/1/2025 10:00	Alkalinity, Total		142	mg/LCaCO3	7.05	EPA-310.2
7/8/2025 11:04	Alkalinity, Total		125	mg/LCaCO3	7.05	EPA-310.2
7/15/2025 11:02	Alkalinity, Total		161	mg/LCaCO3	7.05	EPA-310.2
6/17/2025 11:28	Aluminum, Total	J	82.9	ug/L	45.8	EPA-200.8
6/24/2025 10:45	Aluminum, Total	J	68.4	ug/L	45.8	EPA-200.8
7/1/2025 10:00	Aluminum, Total	J	152	ug/L	45.8	EPA-200.8
7/8/2025 11:04	Aluminum, Total		332	ug/L	45.8	EPA-200.8
7/15/2025 11:02	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
6/17/2025 11:28	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
6/24/2025 10:45	Ammonia, Total	J	0.026	mg/L	0.024	EPA-350.1 (G)
7/1/2025 10:00	Ammonia, Total	J	0.031	mg/L	0.024	EPA-350.1 (G)
7/8/2025 11:04	Ammonia, Total		0.074	mg/L	0.024	EPA-350.1 (G)
7/15/2025 11:02	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
6/17/2025 11:28	Antimony, Total	J	0.237	ug/L	0.215	EPA-200.8
6/24/2025 10:45	Antimony, Total	J	0.248	ug/L	0.215	EPA-200.8
7/1/2025 10:00	Antimony, Total	J	0.247	ug/L	0.215	EPA-200.8
7/8/2025 11:04	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
7/15/2025 11:02	Antimony, Total	J	0.224	ug/L	0.215	EPA-200.8
6/17/2025 11:28	Arsenic, Total	J	0.736	ug/L	0.585	EPA-200.8
6/24/2025 10:45	Arsenic, Total	J	0.645	ug/L	0.585	EPA-200.8
7/1/2025 10:00	Arsenic, Total	J	0.911	ug/L	0.585	EPA-200.8
7/8/2025 11:04	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
7/15/2025 11:02	Arsenic, Total	J	0.636	ug/L	0.585	EPA-200.8
6/17/2025 11:28	Barium, Total		31.7	ug/L	0.605	EPA-200.8
6/24/2025 10:45	Barium, Total		31.4	ug/L	0.605	EPA-200.8
7/1/2025 10:00	Barium, Total		26	ug/L	0.605	EPA-200.8
7/8/2025 11:04	Barium, Total		23.4	ug/L	0.605	EPA-200.8
7/15/2025 11:02	Barium, Total		27.1	ug/L	0.605	EPA-200.8
6/17/2025 11:28	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
6/24/2025 10:45	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/1/2025 10:00	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8
7/8/2025 11:04	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/15/2025 11:02	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8

Hemlock Creek
River Mile 1.15

Sample Date	Parameter	Code	Result	Units	MDL	Method
6/17/2025 11:28	BOD, Total	<	2	mg/L	2	SM5210 B
6/24/2025 10:45	BOD, Total	<	2	mg/L	2	SM5210 B
7/1/2025 10:00	BOD, Total		2.3	mg/L	2	SM5210 B
7/8/2025 11:04	BOD, Total		4.5	mg/L	2	SM5210 B
7/15/2025 11:02	BOD, Total	<	2	mg/L	2	SM5210 B
6/17/2025 11:28	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
6/24/2025 10:45	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/1/2025 10:00	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
7/8/2025 11:04	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
7/15/2025 11:02	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
6/17/2025 11:28	Calcium, Total		65800	ug/L	215	EPA-200.8
6/24/2025 10:45	Calcium, Total		59200	ug/L	215	EPA-200.8
7/1/2025 10:00	Calcium, Total		50500	ug/L	215	EPA-200.8
7/8/2025 11:04	Calcium, Total		49300	ug/L	215	EPA-200.8
7/15/2025 11:02	Calcium, Total		60600	ug/L	215	EPA-200.8
6/17/2025 11:28	Chloride		303	mg/L	0.774	EPA 300.0
6/24/2025 10:45	Chloride		291	mg/L	0.774	EPA 300.0
7/1/2025 10:00	Chloride		206	mg/L	0.774	EPA 300.0
7/8/2025 11:04	Chloride		175	mg/L	0.774	EPA 300.0
7/15/2025 11:02	Chloride		294	mg/L	0.774	EPA 300.0
6/17/2025 11:28	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
6/24/2025 10:45	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/1/2025 10:00	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/8/2025 11:04	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/15/2025 11:02	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
6/17/2025 11:28	Cobalt, Total	J	0.47	ug/L	0.185	EPA-200.8
6/24/2025 10:45	Cobalt, Total	J	0.199	ug/L	0.185	EPA-200.8
7/1/2025 10:00	Cobalt, Total	J	0.311	ug/L	0.185	EPA-200.8
7/8/2025 11:04	Cobalt, Total	J	0.417	ug/L	0.185	EPA-200.8
7/15/2025 11:02	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
6/17/2025 11:28	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
6/24/2025 10:45	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/1/2025 10:00	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/8/2025 11:04	COD, Total	<	16.6	mg/L	16.6	EPA 410.4

Hemlock Creek
River Mile 1.15

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/15/2025 11:02	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
6/17/2025 11:28	Conductivity		1313	UMHOS/CM		SM 2510A
6/24/2025 10:45	Conductivity		1379	UMHOS/CM		SM 2510A
7/1/2025 10:00	Conductivity		1043	UMHOS/CM		SM 2510A
7/8/2025 11:04	Conductivity		845	UMHOS/CM		SM 2510A
7/15/2025 11:02	Conductivity		1354	UMHOS/CM		SM 2510A
6/17/2025 11:28	Specific Conductance		1489	UMHOS/CM		SM 2510B
6/24/2025 10:45	Specific Conductance		1457	UMHOS/CM		SM 2510B
7/1/2025 10:00	Specific Conductance		1104	UMHOS/CM		SM 2510B
7/8/2025 11:04	Specific Conductance		928	UMHOS/CM		SM 2510B
7/15/2025 11:02	Specific Conductance		1472	UMHOS/CM		SM 2510B
6/17/2025 11:28	Copper, Total	J	2.88	ug/L	0.45	EPA-200.8
6/24/2025 10:45	Copper, Total	J	2.36	ug/L	0.45	EPA-200.8
7/1/2025 10:00	Copper, Total	J	3.45	ug/L	0.45	EPA-200.8
7/8/2025 11:04	Copper, Total	J	1.84	ug/L	0.45	EPA-200.8
7/15/2025 11:02	Copper, Total	J	2.63	ug/L	0.45	EPA-200.8
6/17/2025 11:28	Dissolved Oxygen		91	%		N/A
6/24/2025 10:45	Dissolved Oxygen		93	%		N/A
7/1/2025 10:00	Dissolved Oxygen		90	%		N/A
7/8/2025 11:04	Dissolved Oxygen		95	%		N/A
7/15/2025 11:02	Dissolved Oxygen		91	%		N/A
6/17/2025 11:28	Dissolved Oxygen		8.5	mg/L		SM 4500-O G
6/24/2025 10:45	Dissolved Oxygen		8.1	mg/L		SM 4500-O G
7/1/2025 10:00	Dissolved Oxygen		7.8	mg/L		SM 4500-O G
7/8/2025 11:04	Dissolved Oxygen		8.6	mg/L		SM 4500-O G
7/15/2025 11:02	Dissolved Oxygen		8.1	mg/L		SM 4500-O G
6/17/2025 11:28	Escherichia coli		866	MPN/100 mL	1	SM9223 Colilert
6/24/2025 10:45	Escherichia coli		579	MPN/100 mL	1	SM9223 Colilert
7/1/2025 10:00	Escherichia coli		2880	MPN/100 mL	1	SM9223 Colilert
7/8/2025 11:04	Escherichia coli		1414	MPN/100 mL	1	SM9223 Colilert
7/15/2025 11:02	Escherichia coli		222	MPN/100 mL	1	SM9223 Colilert
6/17/2025 11:28	Hardness, Total		252	mg/LCaCO3		EPA-200.8
6/24/2025 10:45	Hardness, Total		223	mg/LCaCO3		EPA-200.8
7/1/2025 10:00	Hardness, Total		188	mg/LCaCO3		EPA-200.8

Hemlock Creek
River Mile 1.15

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/8/2025 11:04	Hardness, Total		187	mg/LCaCO3		EPA-200.8
7/15/2025 11:02	Hardness, Total		238	mg/LCaCO3		EPA-200.8
6/17/2025 11:28	Iron, Total		775	ug/L	168	EPA-200.8
6/24/2025 10:45	Iron, Total		516	ug/L	168	EPA-200.8
7/1/2025 10:00	Iron, Total		740	ug/L	168	EPA-200.8
7/8/2025 11:04	Iron, Total		1210	ug/L	168	EPA-200.8
7/15/2025 11:02	Iron, Total	J	477	ug/L	168	EPA-200.8
6/17/2025 11:28	Lead, Total	J	0.32	ug/L	0.295	EPA-200.8
6/24/2025 10:45	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/1/2025 10:00	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/8/2025 11:04	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/15/2025 11:02	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
6/17/2025 11:28	Magnesium, Total		21400	ug/L	41	EPA-200.8
6/24/2025 10:45	Magnesium, Total		20400	ug/L	41	EPA-200.8
7/1/2025 10:00	Magnesium, Total		15200	ug/L	41	EPA-200.8
7/8/2025 11:04	Magnesium, Total		15400	ug/L	41	EPA-200.8
7/15/2025 11:02	Magnesium, Total		21200	ug/L	41	EPA-200.8
6/17/2025 11:28	Manganese, Total		41.9	ug/L	0.335	EPA-200.8
6/24/2025 10:45	Manganese, Total	J	12.1	ug/L	0.335	EPA-200.8
7/1/2025 10:00	Manganese, Total		35.6	ug/L	0.335	EPA-200.8
7/8/2025 11:04	Manganese, Total		33.4	ug/L	0.335	EPA-200.8
7/15/2025 11:02	Manganese, Total	J	9.59	ug/L	0.335	EPA-200.8
6/17/2025 11:28	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
6/24/2025 10:45	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/1/2025 10:00	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/8/2025 11:04	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/15/2025 11:02	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
6/17/2025 11:28	Molybdenum, Total	J	1.94	ug/L	0.12	EPA-200.8
6/24/2025 10:45	Molybdenum, Total		2.1	ug/L	0.12	EPA-200.8
7/1/2025 10:00	Molybdenum, Total		2.35	ug/L	0.12	EPA-200.8
7/8/2025 11:04	Molybdenum, Total	J	1.72	ug/L	0.12	EPA-200.8
7/15/2025 11:02	Molybdenum, Total		2.34	ug/L	0.12	EPA-200.8
6/17/2025 11:28	Nickel, Total		4.14	ug/L	0.265	EPA-200.8
6/24/2025 10:45	Nickel, Total		3.43	ug/L	0.265	EPA-200.8

Hemlock Creek
River Mile 1.15

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/1/2025 10:00	Nickel, Total		3.61	ug/L	0.265	EPA-200.8
7/8/2025 11:04	Nickel, Total		3.16	ug/L	0.265	EPA-200.8
7/15/2025 11:02	Nickel, Total		2.58	ug/L	0.265	EPA-200.8
6/17/2025 11:28	Nitrite - Nitrate, Total		0.687	mg/L	0.024	ASTM D7781
6/24/2025 10:45	Nitrite - Nitrate, Total		0.649	mg/L	0.024	ASTM D7781
7/1/2025 10:00	Nitrite - Nitrate, Total		0.669	mg/L	0.024	ASTM D7781
7/8/2025 11:04	Nitrite - Nitrate, Total		0.405	mg/L	0.024	ASTM D7781
7/15/2025 11:02	Nitrite - Nitrate, Total		0.384	mg/L	0.024	ASTM D7781
6/17/2025 11:28	pH		7.9	S.U.		N/A
6/24/2025 10:45	pH		8	S.U.		N/A
7/1/2025 10:00	pH		8	S.U.		N/A
7/8/2025 11:04	pH		8	S.U.		N/A
7/15/2025 11:02	pH		7.9	S.U.		N/A
6/17/2025 11:28	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
6/24/2025 10:45	Phosphorus, Diss. Reactive	J	0.0184	mg/L	0.014	EPA 365.1
7/1/2025 10:00	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
7/8/2025 11:04	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.006	EPA 365.1
7/15/2025 11:02	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
6/17/2025 11:28	Phosphorus, Total		0.029	mg/L	0.0135	EPA 365.1
6/24/2025 10:45	Phosphorus, Total		0.039	mg/L	0.0135	EPA 365.1
7/1/2025 10:00	Phosphorus, Total		0.031	mg/L	0.0135	EPA 365.1
7/8/2025 11:04	Phosphorus, Total		0.044	mg/L	0.0135	EPA 365.1
7/15/2025 11:02	Phosphorus, Total	J	0.022	mg/L	0.0135	EPA 365.1
6/17/2025 11:28	Potassium, Total	J	5520	ug/L	735	EPA-200.8
6/24/2025 10:45	Potassium, Total	J	5380	ug/L	735	EPA-200.8
7/1/2025 10:00	Potassium, Total	J	5040	ug/L	735	EPA-200.8
7/8/2025 11:04	Potassium, Total	J	4270	ug/L	735	EPA-200.8
7/15/2025 11:02	Potassium, Total	J	5380	ug/L	735	EPA-200.8
6/17/2025 11:28	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
6/24/2025 10:45	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/1/2025 10:00	Selenium, Total	<	0.109	ug/L	0.545	EPA-200.8
7/8/2025 11:04	Selenium, Total	<	0.109	ug/L	0.545	EPA-200.8
7/15/2025 11:02	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
6/17/2025 11:28	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

Hemlock Creek
River Mile 1.15

Sample Date	Parameter	Code	Result	Units	MDL	Method
6/24/2025 10:45	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/1/2025 10:00	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
7/8/2025 11:04	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
7/15/2025 11:02	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
6/17/2025 11:28	Sodium, Total		183000	ug/L	130	EPA-200.8
6/24/2025 10:45	Sodium, Total		148000	ug/L	130	EPA-200.8
7/1/2025 10:00	Sodium, Total		124000	ug/L	130	EPA-200.8
7/8/2025 11:04	Sodium, Total		106000	ug/L	130	EPA-200.8
7/15/2025 11:02	Sodium, Total		171000	ug/L	130	EPA-200.8
6/17/2025 11:28	Strontium, Total		325	ug/L	0.185	EPA-200.8
6/24/2025 10:45	Strontium, Total		296	ug/L	0.185	EPA-200.8
7/1/2025 10:00	Strontium, Total		248	ug/L	0.185	EPA-200.8
7/8/2025 11:04	Strontium, Total		223	ug/L	0.185	EPA-200.8
7/15/2025 11:02	Strontium, Total		306	ug/L	0.185	EPA-200.8
6/17/2025 11:28	Sulfate		93.2	mg/L	1.88	EPA 300.0
6/24/2025 10:45	Sulfate		96.9	mg/L	1.88	EPA 300.0
7/1/2025 10:00	Sulfate		61.9	mg/L	0.94	EPA 300.0
7/8/2025 11:04	Sulfate		70.5	mg/L	1.88	EPA 300.0
7/15/2025 11:02	Sulfate		91.4	mg/L	1.88	EPA 300.0
6/17/2025 11:28	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
6/24/2025 10:45	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/1/2025 10:00	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
7/8/2025 11:04	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
7/15/2025 11:02	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
6/17/2025 11:28	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
6/24/2025 10:45	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/1/2025 10:00	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/8/2025 11:04	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/15/2025 11:02	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
6/17/2025 11:28	Titanium, Total	J	2.73	ug/L	0.945	EPA-200.8
6/24/2025 10:45	Titanium, Total	J	2.76	ug/L	0.945	EPA-200.8
7/1/2025 10:00	Titanium, Total	<	0.189	ug/L	0.945	EPA-200.8
7/8/2025 11:04	Titanium, Total		23.5	ug/L	0.945	EPA-200.8
7/15/2025 11:02	Titanium, Total	J	2.78	ug/L	0.945	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
6/17/2025 11:28	Total Dissolved Solids		878	mg/L	5	SM2540 C
6/24/2025 10:45	Total Dissolved Solids		890	mg/L	5	SM2540 C
7/1/2025 10:00	Total Dissolved Solids		662	mg/L	5	SM2540 C
7/8/2025 11:04	Total Dissolved Solids		568	mg/L	5	SM2540 C
7/15/2025 11:02	Total Dissolved Solids		776	mg/L	5	SM2540 C
6/17/2025 11:28	Total Kjeldahl Nitrogen	J	0.58	mg/L	0.342	EPA351.2 (G)
6/24/2025 10:45	Total Kjeldahl Nitrogen	J	0.557	mg/L	0.342	EPA351.2 (G)
7/1/2025 10:00	Total Kjeldahl Nitrogen		0.726	mg/L	0.342	EPA351.2 (G)
7/8/2025 11:04	Total Kjeldahl Nitrogen	J	0.503	mg/L	0.342	EPA351.2 (G)
7/15/2025 11:02	Total Kjeldahl Nitrogen	J	0.537	mg/L	0.342	EPA351.2 (G)
6/17/2025 11:28	Total Solids		1030	mg/L	18.8	SM2540 B
6/24/2025 10:45	Total Solids		880	mg/L	18.8	SM2540 B
7/1/2025 10:00	Total Solids		680	mg/L	18.8	SM2540 B
7/8/2025 11:04	Total Solids		586	mg/L	18.8	SM2540 B
7/15/2025 11:02	Total Solids		856	mg/L	18.8	SM2540 B
6/17/2025 11:28	Total Suspended Solids		4.1	mg/L	0.9	SM2540 D
6/24/2025 10:45	Total Suspended Solids		2.3	mg/L	0.9	SM2540 D
7/1/2025 10:00	Total Suspended Solids		5.2	mg/L	0.9	SM2540 D
7/8/2025 11:04	Total Suspended Solids		9.9	mg/L	0.9	SM2540 D
7/15/2025 11:02	Total Suspended Solids	J	1.7	mg/L	0.9	SM2540 D
6/17/2025 11:28	Turbidity		4.9	NTU	0.3	EPA 180.1
6/24/2025 10:45	Turbidity		2.8	NTU	0.3	EPA 180.1
7/1/2025 10:00	Turbidity		6.8	NTU	0.3	EPA 180.1
7/8/2025 11:04	Turbidity		14.9	NTU	0.4	EPA 180.1
7/15/2025 11:02	Turbidity		1.6	NTU	0.4	EPA 180.1
6/17/2025 11:28	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
6/24/2025 10:45	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/1/2025 10:00	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/8/2025 11:04	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/15/2025 11:02	Vanadium, Total	<	1.7	ug/L	8.5	EPA-200.8
6/17/2025 11:28	Water Temperature		18.8	°C		EPA 170.1
6/24/2025 10:45	Water Temperature		22.21	°C		EPA 170.1
7/1/2025 10:00	Water Temperature		22.11	°C		EPA 170.1
7/8/2025 11:04	Water Temperature		20.33	°C		EPA 170.1
7/15/2025 11:02	Water Temperature		20.77	°C		EPA 170.1

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Sample Date	Parameter	Code	Result	Units	MDL	Method
6/17/2025 11:28	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
6/24/2025 10:45	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/1/2025 10:00	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/8/2025 11:04	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/15/2025 11:02	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
6/17/2025 10:33	Alkalinity, Total		156	mg/LCaCO3	7.05	EPA-310.2
6/24/2025 9:55	Alkalinity, Total		161	mg/LCaCO3	7.05	EPA-310.2
7/1/2025 8:50	Alkalinity, Total		134	mg/LCaCO3	7.05	EPA-310.2
7/8/2025 11:22	Alkalinity, Total		156	mg/LCaCO3	7.05	EPA-310.2
7/15/2025 10:30	Alkalinity, Total		147	mg/LCaCO3	7.05	EPA-310.2
6/17/2025 10:33	Aluminum, Total	J	52.5	ug/L	45.8	EPA-200.8
6/24/2025 9:55	Aluminum, Total	J	207	ug/L	45.8	EPA-200.8
7/1/2025 8:50	Aluminum, Total	J	171	ug/L	45.8	EPA-200.8
7/8/2025 11:22	Aluminum, Total	J	51.3	ug/L	45.8	EPA-200.8
7/15/2025 10:30	Aluminum, Total	J	66.7	ug/L	45.8	EPA-200.8
6/17/2025 10:33	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
6/24/2025 9:55	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/1/2025 8:50	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/8/2025 11:22	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/15/2025 10:30	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
6/17/2025 10:33	Antimony, Total	J	0.282	ug/L	0.215	EPA-200.8
6/24/2025 9:55	Antimony, Total	J	0.343	ug/L	0.215	EPA-200.8
7/1/2025 8:50	Antimony, Total	J	0.318	ug/L	0.215	EPA-200.8
7/8/2025 11:22	Antimony, Total	J	0.286	ug/L	0.215	EPA-200.8
7/15/2025 10:30	Antimony, Total	J	0.356	ug/L	0.215	EPA-200.8
6/17/2025 10:33	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
6/24/2025 9:55	Arsenic, Total	J	0.767	ug/L	0.585	EPA-200.8
7/1/2025 8:50	Arsenic, Total	J	0.956	ug/L	0.585	EPA-200.8
7/8/2025 11:22	Arsenic, Total	J	0.827	ug/L	0.585	EPA-200.8
7/15/2025 10:30	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
6/17/2025 10:33	Barium, Total		28.2	ug/L	0.605	EPA-200.8
6/24/2025 9:55	Barium, Total		29.2	ug/L	0.605	EPA-200.8
7/1/2025 8:50	Barium, Total		21.3	ug/L	0.605	EPA-200.8
7/8/2025 11:22	Barium, Total		33	ug/L	0.605	EPA-200.8
7/15/2025 10:30	Barium, Total		28.6	ug/L	0.605	EPA-200.8
6/17/2025 10:33	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
6/24/2025 9:55	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/1/2025 8:50	Beryllium, Total	<	0.08	ug/L	0.2	EPA-200.8
7/8/2025 11:22	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8
7/15/2025 10:30	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
6/17/2025 10:33	BOD, Total	<	2	mg/L	2	SM5210 B
6/24/2025 9:55	BOD, Total	<	2	mg/L	2	SM5210 B
7/1/2025 8:50	BOD, Total		2.2	mg/L	2	SM5210 B
7/8/2025 11:22	BOD, Total		2.6	mg/L	2	SM5210 B
7/15/2025 10:30	BOD, Total	<	2	mg/L	2	SM5210 B
6/17/2025 10:33	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
6/24/2025 9:55	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/1/2025 8:50	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
7/8/2025 11:22	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
7/15/2025 10:30	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
6/17/2025 10:33	Calcium, Total		56300	ug/L	215	EPA-200.8
6/24/2025 9:55	Calcium, Total		55500	ug/L	215	EPA-200.8
7/1/2025 8:50	Calcium, Total		43800	ug/L	215	EPA-200.8
7/8/2025 11:22	Calcium, Total		67200	ug/L	215	EPA-200.8
7/15/2025 10:30	Calcium, Total		58000	ug/L	215	EPA-200.8
6/17/2025 10:33	Chloride		246	mg/L	0.774	EPA 300.0
6/24/2025 9:55	Chloride		229	mg/L	0.774	EPA 300.0
7/1/2025 8:50	Chloride		151	mg/L	0.387	EPA 300.0
7/8/2025 11:22	Chloride		316	mg/L	0.774	EPA 300.0
7/15/2025 10:30	Chloride		229	mg/L	0.774	EPA 300.0
6/17/2025 10:33	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
6/24/2025 9:55	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/1/2025 8:50	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/8/2025 11:22	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/15/2025 10:30	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
6/17/2025 10:33	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
6/24/2025 9:55	Cobalt, Total	J	0.28	ug/L	0.185	EPA-200.8
7/1/2025 8:50	Cobalt, Total	J	0.232	ug/L	0.185	EPA-200.8
7/8/2025 11:22	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
7/15/2025 10:30	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
6/17/2025 10:33	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
6/24/2025 9:55	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/1/2025 8:50	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/8/2025 11:22	COD, Total	<	16.6	mg/L	16.6	EPA 410.4

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/15/2025 10:30	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
6/17/2025 10:33	Conductivity		1148	UMHOS/CM		SM 2510A
6/24/2025 9:55	Conductivity		1181	UMHOS/CM		SM 2510A
7/1/2025 8:50	Conductivity		842	UMHOS/CM		SM 2510A
7/8/2025 11:22	Conductivity		1458	UMHOS/CM		SM 2510A
7/15/2025 10:30	Conductivity		1153	UMHOS/CM		SM 2510A
6/17/2025 10:33	Specific Conductance		1274	UMHOS/CM		SM 2510B
6/24/2025 9:55	Specific Conductance		1223	UMHOS/CM		SM 2510B
7/1/2025 8:50	Specific Conductance		881	UMHOS/CM		SM 2510B
7/8/2025 11:22	Specific Conductance		1516	UMHOS/CM		SM 2510B
7/15/2025 10:30	Specific Conductance		1227	UMHOS/CM		SM 2510B
6/17/2025 10:33	Copper, Total	J	2.47	ug/L	0.45	EPA-200.8
6/24/2025 9:55	Copper, Total	J	2.86	ug/L	0.45	EPA-200.8
7/1/2025 8:50	Copper, Total	J	3.57	ug/L	0.45	EPA-200.8
7/8/2025 11:22	Copper, Total	J	3.2	ug/L	0.45	EPA-200.8
7/15/2025 10:30	Copper, Total	J	2.94	ug/L	0.45	EPA-200.8
6/17/2025 10:33	Dissolved Oxygen		93	%		N/A
6/24/2025 9:55	Dissolved Oxygen		90	%		N/A
7/1/2025 8:50	Dissolved Oxygen		91	%		N/A
7/8/2025 11:22	Dissolved Oxygen		97	%		N/A
7/15/2025 10:30	Dissolved Oxygen		93	%		N/A
6/17/2025 10:33	Dissolved Oxygen		8.5	mg/L		SM 4500-O G
6/24/2025 9:55	Dissolved Oxygen		7.6	mg/L		SM 4500-O G
7/1/2025 8:50	Dissolved Oxygen		7.8	mg/L		SM 4500-O G
7/8/2025 11:22	Dissolved Oxygen		8.3	mg/L		SM 4500-O G
7/15/2025 10:30	Dissolved Oxygen		8.1	mg/L		SM 4500-O G
6/17/2025 10:33	Escherichia coli		179	MPN/100 mL	1	SM9223 Colilert
6/24/2025 9:55	Escherichia coli		150	MPN/100 mL	1	SM9223 Colilert
7/1/2025 8:50	Escherichia coli		1046	MPN/100 mL	1	SM9223 Colilert
7/8/2025 11:22	Escherichia coli		68	MPN/100 mL	1	SM9223 Colilert
7/15/2025 10:30	Escherichia coli		14	MPN/100 mL	1	SM9223 Colilert
6/17/2025 10:33	Hardness, Total		209	mg/LCaCO3		EPA-200.8
6/24/2025 9:55	Hardness, Total		206	mg/LCaCO3		EPA-200.8
7/1/2025 8:50	Hardness, Total		164	mg/LCaCO3		EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/8/2025 11:22	Hardness, Total		256	mg/LCaCO3		EPA-200.8
7/15/2025 10:30	Hardness, Total		217	mg/LCaCO3		EPA-200.8
6/17/2025 10:33	Iron, Total	J	479	ug/L	168	EPA-200.8
6/24/2025 9:55	Iron, Total		747	ug/L	168	EPA-200.8
7/1/2025 8:50	Iron, Total		582	ug/L	168	EPA-200.8
7/8/2025 11:22	Iron, Total		615	ug/L	168	EPA-200.8
7/15/2025 10:30	Iron, Total		506	ug/L	168	EPA-200.8
6/17/2025 10:33	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
6/24/2025 9:55	Lead, Total	J	0.312	ug/L	0.295	EPA-200.8
7/1/2025 8:50	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/8/2025 11:22	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/15/2025 10:30	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
6/17/2025 10:33	Magnesium, Total		16700	ug/L	41	EPA-200.8
6/24/2025 9:55	Magnesium, Total		18200	ug/L	41	EPA-200.8
7/1/2025 8:50	Magnesium, Total		13300	ug/L	41	EPA-200.8
7/8/2025 11:22	Magnesium, Total		21300	ug/L	41	EPA-200.8
7/15/2025 10:30	Magnesium, Total		17500	ug/L	41	EPA-200.8
6/17/2025 10:33	Manganese, Total	J	4.49	ug/L	0.335	EPA-200.8
6/24/2025 9:55	Manganese, Total	J	10.8	ug/L	0.335	EPA-200.8
7/1/2025 8:50	Manganese, Total	J	13	ug/L	0.335	EPA-200.8
7/8/2025 11:22	Manganese, Total	J	4.9	ug/L	0.335	EPA-200.8
7/15/2025 10:30	Manganese, Total	J	5.21	ug/L	0.335	EPA-200.8
6/17/2025 10:33	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
6/24/2025 9:55	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/1/2025 8:50	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/8/2025 11:22	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/15/2025 10:30	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
6/17/2025 10:33	Molybdenum, Total		2.32	ug/L	0.12	EPA-200.8
6/24/2025 9:55	Molybdenum, Total		2.58	ug/L	0.12	EPA-200.8
7/1/2025 8:50	Molybdenum, Total		2.5	ug/L	0.12	EPA-200.8
7/8/2025 11:22	Molybdenum, Total		3.16	ug/L	0.12	EPA-200.8
7/15/2025 10:30	Molybdenum, Total		3.62	ug/L	0.12	EPA-200.8
6/17/2025 10:33	Nickel, Total		2.19	ug/L	0.265	EPA-200.8
6/24/2025 9:55	Nickel, Total		2.48	ug/L	0.265	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/1/2025 8:50	Nickel, Total		2.55	ug/L	0.265	EPA-200.8
7/8/2025 11:22	Nickel, Total	J	1.95	ug/L	0.265	EPA-200.8
7/15/2025 10:30	Nickel, Total	J	1.89	ug/L	0.265	EPA-200.8
6/17/2025 10:33	Nitrite - Nitrate, Total		0.548	mg/L	0.024	ASTM D7781
6/24/2025 9:55	Nitrite - Nitrate, Total		0.475	mg/L	0.024	ASTM D7781
7/1/2025 8:50	Nitrite - Nitrate, Total		0.925	mg/L	0.024	ASTM D7781
7/8/2025 11:22	Nitrite - Nitrate, Total		0.374	mg/L	0.024	ASTM D7781
7/15/2025 10:30	Nitrite - Nitrate, Total		0.231	mg/L	0.024	ASTM D7781
6/17/2025 10:33	pH		7.8	S.U.		N/A
6/24/2025 9:55	pH		7.7	S.U.		N/A
7/1/2025 8:50	pH		7.8	S.U.		N/A
7/8/2025 11:22	pH		7.8	S.U.		N/A
7/15/2025 10:30	pH		7.8	S.U.		N/A
6/17/2025 10:33	Phosphorus, Diss. Reactive		0.0334	mg/L	0.014	EPA 365.1
6/24/2025 9:55	Phosphorus, Diss. Reactive	J	0.0175	mg/L	0.014	EPA 365.1
7/1/2025 8:50	Phosphorus, Diss. Reactive	J	0.0161	mg/L	0.014	EPA 365.1
7/8/2025 11:22	Phosphorus, Diss. Reactive	J	0.0152	mg/L	0.006	EPA 365.1
7/15/2025 10:30	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
6/17/2025 10:33	Phosphorus, Total	J	0.021	mg/L	0.0135	EPA 365.1
6/24/2025 9:55	Phosphorus, Total		0.029	mg/L	0.0135	EPA 365.1
7/1/2025 8:50	Phosphorus, Total		0.029	mg/L	0.0135	EPA 365.1
7/8/2025 11:22	Phosphorus, Total	J	0.02	mg/L	0.0135	EPA 365.1
7/15/2025 10:30	Phosphorus, Total	J	0.017	mg/L	0.0135	EPA 365.1
6/17/2025 10:33	Potassium, Total	J	4910	ug/L	735	EPA-200.8
6/24/2025 9:55	Potassium, Total	J	5000	ug/L	735	EPA-200.8
7/1/2025 8:50	Potassium, Total	J	4600	ug/L	735	EPA-200.8
7/8/2025 11:22	Potassium, Total	J	5760	ug/L	735	EPA-200.8
7/15/2025 10:30	Potassium, Total	J	5120	ug/L	735	EPA-200.8
6/17/2025 10:33	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
6/24/2025 9:55	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/1/2025 8:50	Selenium, Total	<	0.109	ug/L	0.545	EPA-200.8
7/8/2025 11:22	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/15/2025 10:30	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
6/17/2025 10:33	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
6/24/2025 9:55	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/1/2025 8:50	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
7/8/2025 11:22	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
7/15/2025 10:30	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
6/17/2025 10:33	Sodium, Total		139000	ug/L	130	EPA-200.8
6/24/2025 9:55	Sodium, Total		120000	ug/L	130	EPA-200.8
7/1/2025 8:50	Sodium, Total		99400	ug/L	130	EPA-200.8
7/8/2025 11:22	Sodium, Total		179000	ug/L	130	EPA-200.8
7/15/2025 10:30	Sodium, Total		145000	ug/L	130	EPA-200.8
6/17/2025 10:33	Strontium, Total		272	ug/L	0.185	EPA-200.8
6/24/2025 9:55	Strontium, Total		283	ug/L	0.185	EPA-200.8
7/1/2025 8:50	Strontium, Total		222	ug/L	0.185	EPA-200.8
7/8/2025 11:22	Strontium, Total		342	ug/L	0.185	EPA-200.8
7/15/2025 10:30	Strontium, Total		275	ug/L	0.185	EPA-200.8
6/17/2025 10:33	Sulfate		80.6	mg/L	1.88	EPA 300.0
6/24/2025 9:55	Sulfate		83.3	mg/L	1.88	EPA 300.0
7/1/2025 8:50	Sulfate		49.6	mg/L	0.94	EPA 300.0
7/8/2025 11:22	Sulfate		98.1	mg/L	1.88	EPA 300.0
7/15/2025 10:30	Sulfate		79.9	mg/L	1.88	EPA 300.0
6/17/2025 10:33	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
6/24/2025 9:55	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/1/2025 8:50	Thallium, Total	<	0.568	ug/L	1.42	EPA-200.8
7/8/2025 11:22	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
7/15/2025 10:30	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
6/17/2025 10:33	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
6/24/2025 9:55	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/1/2025 8:50	Tin, Total	<	2.24	ug/L	5.61	EPA-200.8
7/8/2025 11:22	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/15/2025 10:30	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
6/17/2025 10:33	Titanium, Total	J	2.08	ug/L	0.945	EPA-200.8
6/24/2025 9:55	Titanium, Total	J	9.89	ug/L	0.945	EPA-200.8
7/1/2025 8:50	Titanium, Total	J	2.06	ug/L	0.945	EPA-200.8
7/8/2025 11:22	Titanium, Total	J	3.36	ug/L	0.945	EPA-200.8
7/15/2025 10:30	Titanium, Total	J	2.86	ug/L	0.945	EPA-200.8

Hemlock Creek
River Mile 0.15

Sample Date	Parameter	Code	Result	Units	MDL	Method
6/17/2025 10:33	Total Dissolved Solids		748	mg/L	5	SM2540 C
6/24/2025 9:55	Total Dissolved Solids		776	mg/L	5	SM2540 C
7/1/2025 8:50	Total Dissolved Solids		536	mg/L	5	SM2540 C
7/8/2025 11:22	Total Dissolved Solids		872	mg/L	5	SM2540 C
7/15/2025 10:30	Total Dissolved Solids		672	mg/L	5	SM2540 C
6/17/2025 10:33	Total Kjeldahl Nitrogen	J	0.538	mg/L	0.342	EPA351.2 (G)
6/24/2025 9:55	Total Kjeldahl Nitrogen		1.04	mg/L	0.342	EPA351.2 (G)
7/1/2025 8:50	Total Kjeldahl Nitrogen		0.816	mg/L	0.342	EPA351.2 (G)
7/8/2025 11:22	Total Kjeldahl Nitrogen	J	0.568	mg/L	0.342	EPA351.2 (G)
7/15/2025 10:30	Total Kjeldahl Nitrogen	J	0.49	mg/L	0.342	EPA351.2 (G)
6/17/2025 10:33	Total Solids		880	mg/L	18.8	SM2540 B
6/24/2025 9:55	Total Solids		730	mg/L	18.8	SM2540 B
7/1/2025 8:50	Total Solids		546	mg/L	18.8	SM2540 B
7/8/2025 11:22	Total Solids		928	mg/L	18.8	SM2540 B
7/15/2025 10:30	Total Solids		684	mg/L	18.8	SM2540 B
6/17/2025 10:33	Total Suspended Solids		2.8	mg/L	0.9	SM2540 D
6/24/2025 9:55	Total Suspended Solids		7.8	mg/L	0.9	SM2540 D
7/1/2025 8:50	Total Suspended Solids		3.9	mg/L	0.9	SM2540 D
7/8/2025 11:22	Total Suspended Solids		2.3	mg/L	0.9	SM2540 D
7/15/2025 10:30	Total Suspended Solids		2.4	mg/L	0.9	SM2540 D
6/17/2025 10:33	Turbidity		4.6	NTU	0.3	EPA 180.1
6/24/2025 9:55	Turbidity		4.5	NTU	0.3	EPA 180.1
7/1/2025 8:50	Turbidity		8.6	NTU	0.3	EPA 180.1
7/8/2025 11:22	Turbidity		2.8	NTU	0.4	EPA 180.1
7/15/2025 10:30	Turbidity		1.3	NTU	0.4	EPA 180.1
6/17/2025 10:33	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
6/24/2025 9:55	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/1/2025 8:50	Vanadium, Total	<	1.7	ug/L	8.5	EPA-200.8
7/8/2025 11:22	Vanadium, Total	<	1.7	ug/L	8.5	EPA-200.8
7/15/2025 10:30	Vanadium, Total	J	10.7	ug/L	8.5	EPA-200.8
6/17/2025 10:33	Water Temperature		19.81	°C		EPA 170.1
6/24/2025 9:55	Water Temperature		23.11	°C		EPA 170.1
7/1/2025 8:50	Water Temperature		22.64	°C		EPA 170.1
7/8/2025 11:22	Water Temperature		23	°C		EPA 170.1
7/15/2025 10:30	Water Temperature		21.84	°C		EPA 170.1

Hemlock Creek
River Mile 0.15

Sample Date	Parameter	Code	Result	Units	MDL	Method
6/17/2025 10:33	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
6/24/2025 9:55	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/1/2025 8:50	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/8/2025 11:22	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/15/2025 10:30	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8