

Chippewa Creek Tributary at RM 6.59

River Mile 1.75

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 14:05	Alkalinity, Total		66.2	mg/LCaCO3	7.05	EPA-310.2
7/29/2025 12:22	Alkalinity, Total		75	mg/LCaCO3	7.05	EPA-310.2
8/5/2025 13:00	Alkalinity, Total		85.6	mg/LCaCO3	7.05	EPA-310.2
8/12/2025 11:50	Alkalinity, Total		75.8	mg/LCaCO3	7.05	EPA-310.2
8/19/2025 11:17	Alkalinity, Total		95.3	mg/LCaCO3	9.88	EPA-310.2
7/22/2025 14:05	Aluminum, Total	J	119	ug/L	45.8	EPA-200.8
7/29/2025 12:22	Aluminum, Total		355	ug/L	45.8	EPA-200.8
8/5/2025 13:00	Aluminum, Total	J	128	ug/L	45.8	EPA-200.8
8/12/2025 11:50	Aluminum, Total	J	69	ug/L	45.8	EPA-200.8
8/19/2025 11:17	Aluminum, Total	J	82	ug/L	45.8	EPA-200.8
7/22/2025 14:05	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/29/2025 12:22	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/5/2025 13:00	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/12/2025 11:50	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/19/2025 11:17	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/22/2025 14:05	Antimony, Total	J	0.272	ug/L	0.215	EPA-200.8
7/29/2025 12:22	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/5/2025 13:00	Antimony, Total	J	0.392	ug/L	0.215	EPA-200.8
8/12/2025 11:50	Antimony, Total	J	0.316	ug/L	0.215	EPA-200.8
8/19/2025 11:17	Antimony, Total	J	0.26	ug/L	0.215	EPA-200.8
7/22/2025 14:05	Arsenic, Total	J	4.89	ug/L	0.585	EPA-200.8
7/29/2025 12:22	Arsenic, Total	J	1.52	ug/L	0.585	EPA-200.8
8/5/2025 13:00	Arsenic, Total	J	2.46	ug/L	0.585	EPA-200.8
8/12/2025 11:50	Arsenic, Total		5.65	ug/L	0.585	EPA-200.8
8/19/2025 11:17	Arsenic, Total	J	3.56	ug/L	0.585	EPA-200.8
7/22/2025 14:05	Barium, Total		11.5	ug/L	0.605	EPA-200.8
7/29/2025 12:22	Barium, Total		12.7	ug/L	0.605	EPA-200.8
8/5/2025 13:00	Barium, Total		16.3	ug/L	0.605	EPA-200.8
8/12/2025 11:50	Barium, Total		17.3	ug/L	0.605	EPA-200.8
8/19/2025 11:17	Barium, Total		16.8	ug/L	0.605	EPA-200.8
7/22/2025 14:05	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/29/2025 12:22	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/5/2025 13:00	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/12/2025 11:50	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8
8/19/2025 11:17	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8

Chippewa Creek Tributary at RM 6.59

River Mile 1.75

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 14:05	BOD, Total		2	mg/L	2	SM5210 B
7/29/2025 12:22	BOD, Total		2	mg/L	2	SM5210 B
8/5/2025 13:00	BOD, Total		2.3	mg/L	2	SM5210 B
8/12/2025 11:50	BOD, Total		2	mg/L	2	SM5210 B
8/19/2025 11:17	BOD, Total		4.3	mg/L	2	SM5210 B
7/22/2025 14:05	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/29/2025 12:22	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/5/2025 13:00	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/12/2025 11:50	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
8/19/2025 11:17	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/22/2025 14:05	Calcium, Total		20800	ug/L	215	EPA-200.8
7/29/2025 12:22	Calcium, Total		21200	ug/L	215	EPA-200.8
8/5/2025 13:00	Calcium, Total		22100	ug/L	215	EPA-200.8
8/12/2025 11:50	Calcium, Total		20800	ug/L	215	EPA-200.8
8/19/2025 11:17	Calcium, Total		24800	ug/L	215	EPA-200.8
7/22/2025 14:05	Chloride		100	mg/L	0.387	EPA 300.0
7/29/2025 12:22	Chloride		41.2	mg/L	0.387	EPA 300.0
8/5/2025 13:00	Chloride		170	mg/L	0.774	EPA 300.0
8/12/2025 11:50	Chloride		217	mg/L	0.774	EPA 300.0
8/19/2025 11:17	Chloride		76.5	mg/L	0.387	EPA 300.0
7/22/2025 14:05	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/29/2025 12:22	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/5/2025 13:00	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/12/2025 11:50	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/19/2025 11:17	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/22/2025 14:05	Cobalt, Total	J	0.259	ug/L	0.185	EPA-200.8
7/29/2025 12:22	Cobalt, Total	J	0.246	ug/L	0.185	EPA-200.8
8/5/2025 13:00	Cobalt, Total	J	0.219	ug/L	0.185	EPA-200.8
8/12/2025 11:50	Cobalt, Total	J	0.271	ug/L	0.185	EPA-200.8
8/19/2025 11:17	Cobalt, Total	J	0.21	ug/L	0.185	EPA-200.8
7/22/2025 14:05	COD, Total	J	20.1	mg/L	16.6	EPA 410.4
7/29/2025 12:22	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/5/2025 13:00	COD, Total	J	18.7	mg/L	16.6	EPA 410.4
8/12/2025 11:50	COD, Total	J	26.2	mg/L	16.6	EPA 410.4

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/19/2025 11:17	COD, Total	J	17.8	mg/L	16.6	EPA 410.4
7/22/2025 14:05	Conductivity		567	UMHOS/CM		SM 2510A
7/29/2025 12:22	Conductivity		358	UMHOS/CM		SM 2510A
8/5/2025 13:00	Conductivity		850	UMHOS/CM		SM 2510A
8/12/2025 11:50	Conductivity		1050	UMHOS/CM		SM 2510A
8/19/2025 11:17	Conductivity		500	UMHOS/CM		SM 2510A
7/22/2025 14:05	Specific Conductance		537	UMHOS/CM		SM 2510B
7/29/2025 12:22	Specific Conductance		334	UMHOS/CM		SM 2510B
8/5/2025 13:00	Specific Conductance		846	UMHOS/CM		SM 2510B
8/12/2025 11:50	Specific Conductance		992	UMHOS/CM		SM 2510B
8/19/2025 11:17	Specific Conductance		510	UMHOS/CM		SM 2510B
7/22/2025 14:05	Copper, Total	J	3.08	ug/L	0.45	EPA-200.8
7/29/2025 12:22	Copper, Total	J	3	ug/L	0.45	EPA-200.8
8/5/2025 13:00	Copper, Total	J	4.42	ug/L	0.45	EPA-200.8
8/12/2025 11:50	Copper, Total	J	2.73	ug/L	0.45	EPA-200.8
8/19/2025 11:17	Copper, Total	J	2.58	ug/L	0.45	EPA-200.8
7/22/2025 14:05	Dissolved Oxygen		274	%		N/A
7/29/2025 12:22	Dissolved Oxygen		167	%		N/A
8/5/2025 13:00	Dissolved Oxygen		159	%		N/A
8/12/2025 11:50	Dissolved Oxygen		160	%		N/A
8/19/2025 11:17	Dissolved Oxygen		40.3	%		N/A
7/22/2025 14:05	Dissolved Oxygen		21.3	mg/L		SM 4500-O G
7/29/2025 12:22	Dissolved Oxygen		12.9	mg/L		SM 4500-O G
8/5/2025 13:00	Dissolved Oxygen		13.1	mg/L		SM 4500-O G
8/12/2025 11:50	Dissolved Oxygen		12.6	mg/L		SM 4500-O G
8/19/2025 11:17	Dissolved Oxygen		3.5	mg/L		SM 4500-O G
7/22/2025 14:05	Escherichia coli		14	MPN/100 mL	1	SM9223 Colilert
7/29/2025 12:22	Escherichia coli		1120	MPN/100 mL	1	SM9223 Colilert
8/5/2025 13:00	Escherichia coli		15	MPN/100 mL	1	SM9223 Colilert
8/12/2025 11:50	Escherichia coli	<	1	MPN/100 mL	1	SM9223 Colilert
8/19/2025 11:17	Escherichia coli		8	MPN/100 mL	1	SM9223 Colilert
7/22/2025 14:05	Hardness, Total		88.2	mg/LCaCO3		EPA-200.8
7/29/2025 12:22	Hardness, Total		68	mg/LCaCO3		EPA-200.8
8/5/2025 13:00	Hardness, Total		106	mg/LCaCO3		EPA-200.8

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8/12/2025 11:50	Hardness, Total		112	mg/LCaCO3		EPA-200.8
8/19/2025 11:17	Hardness, Total		98.5	mg/LCaCO3		EPA-200.8
7/22/2025 14:05	Iron, Total	J	439	ug/L	168	EPA-200.8
7/29/2025 12:22	Iron, Total		587	ug/L	168	EPA-200.8
8/5/2025 13:00	Iron, Total	J	379	ug/L	168	EPA-200.8
8/12/2025 11:50	Iron, Total	J	289	ug/L	168	EPA-200.8
8/19/2025 11:17	Iron, Total	J	388	ug/L	168	EPA-200.8
7/22/2025 14:05	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/29/2025 12:22	Lead, Total	J	0.529	ug/L	0.295	EPA-200.8
8/5/2025 13:00	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/12/2025 11:50	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/19/2025 11:17	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/22/2025 14:05	Magnesium, Total		8790	ug/L	41	EPA-200.8
7/29/2025 12:22	Magnesium, Total		3670	ug/L	41	EPA-200.8
8/5/2025 13:00	Magnesium, Total		12400	ug/L	41	EPA-200.8
8/12/2025 11:50	Magnesium, Total		14600	ug/L	41	EPA-200.8
8/19/2025 11:17	Magnesium, Total		8870	ug/L	41	EPA-200.8
7/22/2025 14:05	Manganese, Total		40.1	ug/L	0.335	EPA-200.8
7/29/2025 12:22	Manganese, Total		27.4	ug/L	0.335	EPA-200.8
8/5/2025 13:00	Manganese, Total	J	19.9	ug/L	0.335	EPA-200.8
8/12/2025 11:50	Manganese, Total	J	13.4	ug/L	0.335	EPA-200.8
8/19/2025 11:17	Manganese, Total		86.5	ug/L	0.335	EPA-200.8
7/22/2025 14:05	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/29/2025 12:22	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/5/2025 13:00	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/12/2025 11:50	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/19/2025 11:17	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/22/2025 14:05	Molybdenum, Total		4.17	ug/L	0.12	EPA-200.8
7/29/2025 12:22	Molybdenum, Total	J	1.76	ug/L	0.12	EPA-200.8
8/5/2025 13:00	Molybdenum, Total		6.16	ug/L	0.12	EPA-200.8
8/12/2025 11:50	Molybdenum, Total		6.34	ug/L	0.12	EPA-200.8
8/19/2025 11:17	Molybdenum, Total		3.1	ug/L	0.12	EPA-200.8
7/22/2025 14:05	Nickel, Total	J	1.3	ug/L	0.265	EPA-200.8
7/29/2025 12:22	Nickel, Total	J	1.19	ug/L	0.265	EPA-200.8

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8/5/2025 13:00	Nickel, Total	J	1.53	ug/L	0.265	EPA-200.8
8/12/2025 11:50	Nickel, Total	J	1.64	ug/L	0.265	EPA-200.8
8/19/2025 11:17	Nickel, Total	J	1.24	ug/L	0.265	EPA-200.8
7/22/2025 14:05	Nitrite - Nitrate, Total		0.049	mg/L	0.024	ASTM D7781
7/29/2025 12:22	Nitrite - Nitrate, Total		0.16	mg/L	0.024	ASTM D7781
8/5/2025 13:00	Nitrite - Nitrate, Total	J	0.031	mg/L	0.024	ASTM D7781
8/12/2025 11:50	Nitrite - Nitrate, Total	J	0.033	mg/L	0.024	ASTM D7781
8/19/2025 11:17	Nitrite - Nitrate, Total	J	0.028	mg/L	0.024	ASTM D7781
7/22/2025 14:05	pH		10.1	S.U.		N/A
7/29/2025 12:22	pH		9.1	S.U.		N/A
8/5/2025 13:00	pH		9	S.U.		N/A
8/12/2025 11:50	pH		9.5	S.U.		N/A
8/19/2025 11:17	pH		8.2	S.U.		N/A
7/22/2025 14:05	Phosphorus, Diss. Reactive	J	0.00676	mg/L	0.006	EPA 365.1
7/29/2025 12:22	Phosphorus, Diss. Reactive	J	0.0143	mg/L	0.014	EPA 365.1
8/5/2025 13:00	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/12/2025 11:50	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/19/2025 11:17	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
7/22/2025 14:05	Phosphorus, Total		0.03	mg/L	0.0135	EPA 365.1
7/29/2025 12:22	Phosphorus, Total		0.042	mg/L	0.0135	EPA 365.1
8/5/2025 13:00	Phosphorus, Total	J	0.022	mg/L	0.0135	EPA 365.1
8/12/2025 11:50	Phosphorus, Total		0.027	mg/L	0.0135	EPA 365.1
8/19/2025 11:17	Phosphorus, Total		0.053	mg/L	0.0135	EPA 365.1
7/22/2025 14:05	Potassium, Total	J	1040	ug/L	735	EPA-200.8
7/29/2025 12:22	Potassium, Total	J	2310	ug/L	735	EPA-200.8
8/5/2025 13:00	Potassium, Total	J	2440	ug/L	735	EPA-200.8
8/12/2025 11:50	Potassium, Total	J	1460	ug/L	735	EPA-200.8
8/19/2025 11:17	Potassium, Total	J	1400	ug/L	735	EPA-200.8
7/22/2025 14:05	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/29/2025 12:22	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/5/2025 13:00	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/12/2025 11:50	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/19/2025 11:17	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/22/2025 14:05	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

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7/29/2025 12:22	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/5/2025 13:00	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/12/2025 11:50	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/19/2025 11:17	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/22/2025 14:05	Sodium, Total		76400	ug/L	130	EPA-200.8
7/29/2025 12:22	Sodium, Total		25400	ug/L	130	EPA-200.8
8/5/2025 13:00	Sodium, Total		118000	ug/L	130	EPA-200.8
8/12/2025 11:50	Sodium, Total		143000	ug/L	130	EPA-200.8
8/19/2025 11:17	Sodium, Total		57800	ug/L	130	EPA-200.8
7/22/2025 14:05	Strontium, Total		125	ug/L	0.185	EPA-200.8
7/29/2025 12:22	Strontium, Total		82	ug/L	0.185	EPA-200.8
8/5/2025 13:00	Strontium, Total		162	ug/L	0.185	EPA-200.8
8/12/2025 11:50	Strontium, Total		162	ug/L	0.185	EPA-200.8
8/19/2025 11:17	Strontium, Total		132	ug/L	0.185	EPA-200.8
7/22/2025 14:05	Sulfate		35.1	mg/L	0.94	EPA 300.0
7/29/2025 12:22	Sulfate		19.2	mg/L	0.94	EPA 300.0
8/5/2025 13:00	Sulfate		56.2	mg/L	1.88	EPA 300.0
8/12/2025 11:50	Sulfate		57.8	mg/L	1.88	EPA 300.0
8/19/2025 11:17	Sulfate		24.7	mg/L	0.94	EPA 300.0
7/22/2025 14:05	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/29/2025 12:22	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/5/2025 13:00	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/12/2025 11:50	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
8/19/2025 11:17	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/22/2025 14:05	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/29/2025 12:22	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/5/2025 13:00	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/12/2025 11:50	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/19/2025 11:17	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/22/2025 14:05	Titanium, Total	J	3.56	ug/L	0.945	EPA-200.8
7/29/2025 12:22	Titanium, Total	J	7.37	ug/L	0.945	EPA-200.8
8/5/2025 13:00	Titanium, Total	J	2.55	ug/L	0.945	EPA-200.8
8/12/2025 11:50	Titanium, Total	J	1.86	ug/L	0.945	EPA-200.8
8/19/2025 11:17	Titanium, Total	J	2.23	ug/L	0.945	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 14:05	Total Dissolved Solids		362	mg/L	5	SM2540 C
7/29/2025 12:22	Total Dissolved Solids		194	mg/L	5	SM2540 C
8/5/2025 13:00	Total Dissolved Solids		456	mg/L	5	SM2540 C
8/12/2025 11:50	Total Dissolved Solids		470	mg/L	5	SM2540 C
8/19/2025 11:17	Total Dissolved Solids		254	mg/L	5	SM2540 C
7/22/2025 14:05	Total Kjeldahl Nitrogen		0.737	mg/L	0.342	EPA351.2 (G)
7/29/2025 12:22	Total Kjeldahl Nitrogen	J	0.538	mg/L	0.342	EPA351.2 (G)
8/5/2025 13:00	Total Kjeldahl Nitrogen		0.873	mg/L	0.342	EPA351.2 (G)
8/12/2025 11:50	Total Kjeldahl Nitrogen		0.954	mg/L	0.342	EPA351.2 (G)
8/19/2025 11:17	Total Kjeldahl Nitrogen		0.756	mg/L	0.342	EPA351.2 (G)
7/22/2025 14:05	Total Solids		388	mg/L	18.8	SM2540 B
7/29/2025 12:22	Total Solids		206	mg/L	18.8	SM2540 B
8/5/2025 13:00	Total Solids		476	mg/L	18.8	SM2540 B
8/12/2025 11:50	Total Solids		544	mg/L	18.8	SM2540 B
8/19/2025 11:17	Total Solids		334	mg/L	18.8	SM2540 B
7/22/2025 14:05	Total Suspended Solids		6.9	mg/L	0.9	SM2540 D
7/29/2025 12:22	Total Suspended Solids		9.7	mg/L	0.9	SM2540 D
8/5/2025 13:00	Total Suspended Solids		2.6	mg/L	0.9	SM2540 D
8/12/2025 11:50	Total Suspended Solids		3	mg/L	0.9	SM2540 D
8/19/2025 11:17	Total Suspended Solids		42.7	mg/L	1.9	SM2540 D
7/22/2025 14:05	Turbidity		7	NTU	0.4	EPA 180.1
7/29/2025 12:22	Turbidity		7.3	NTU	0.4	EPA 180.1
8/5/2025 13:00	Turbidity		4.1	NTU	0.4	EPA 180.1
8/12/2025 11:50	Turbidity		3.7	NTU	0.4	EPA 180.1
8/19/2025 11:17	Turbidity		8.9	NTU	0.4	EPA 180.1
7/22/2025 14:05	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/29/2025 12:22	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/5/2025 13:00	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/12/2025 11:50	Vanadium, Total	<	1.7	ug/L	8.5	EPA-200.8
8/19/2025 11:17	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/22/2025 14:05	Water Temperature		28.17	°C		EPA 170.1
7/29/2025 12:22	Water Temperature		28.67	°C		EPA 170.1
8/5/2025 13:00	Water Temperature		25.16	°C		EPA 170.1
8/12/2025 11:50	Water Temperature		28.05	°C		EPA 170.1
8/19/2025 11:17	Water Temperature		23.95	°C		EPA 170.1

Chippewa Creek Tributary at RM 6.59

River Mile 1.75

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 14:05	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/29/2025 12:22	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/5/2025 13:00	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/12/2025 11:50	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/19/2025 11:17	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8

Chippewa Creek Tributary at RM 6.59

River Mile 0.55

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 13:42	Alkalinity, Total		149	mg/LCaCO3	7.05	EPA-310.2
7/29/2025 11:57	Alkalinity, Total		101	mg/LCaCO3	7.05	EPA-310.2
8/5/2025 12:46	Alkalinity, Total		124	mg/LCaCO3	7.05	EPA-310.2
8/12/2025 11:25	Alkalinity, Total		170	mg/LCaCO3	7.05	EPA-310.2
8/19/2025 10:48	Alkalinity, Total		201	mg/LCaCO3	9.88	EPA-310.2
7/22/2025 13:42	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
7/29/2025 11:57	Aluminum, Total	J	141	ug/L	45.8	EPA-200.8
8/5/2025 12:46	Aluminum, Total	J	102	ug/L	45.8	EPA-200.8
8/12/2025 11:25	Aluminum, Total	J	143	ug/L	45.8	EPA-200.8
8/19/2025 10:48	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
7/22/2025 13:42	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/29/2025 11:57	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/5/2025 12:46	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/12/2025 11:25	Ammonia, Total	J	0.046	mg/L	0.024	EPA-350.1 (G)
8/19/2025 10:48	Ammonia, Total	J	0.028	mg/L	0.024	EPA-350.1 (G)
7/22/2025 13:42	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
7/29/2025 11:57	Antimony, Total	J	0.232	ug/L	0.215	EPA-200.8
8/5/2025 12:46	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/12/2025 11:25	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/19/2025 10:48	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
7/22/2025 13:42	Arsenic, Total	J	2.31	ug/L	0.585	EPA-200.8
7/29/2025 11:57	Arsenic, Total	J	1.96	ug/L	0.585	EPA-200.8
8/5/2025 12:46	Arsenic, Total	J	1.67	ug/L	0.585	EPA-200.8
8/12/2025 11:25	Arsenic, Total	J	2.56	ug/L	0.585	EPA-200.8
8/19/2025 10:48	Arsenic, Total	J	2.24	ug/L	0.585	EPA-200.8
7/22/2025 13:42	Barium, Total		29.5	ug/L	0.605	EPA-200.8
7/29/2025 11:57	Barium, Total		19.2	ug/L	0.605	EPA-200.8
8/5/2025 12:46	Barium, Total		26.3	ug/L	0.605	EPA-200.8
8/12/2025 11:25	Barium, Total		43.7	ug/L	0.605	EPA-200.8
8/19/2025 10:48	Barium, Total		45.5	ug/L	0.605	EPA-200.8
7/22/2025 13:42	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/29/2025 11:57	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/5/2025 12:46	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/12/2025 11:25	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8
8/19/2025 10:48	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8

Chippewa Creek Tributary at RM 6.59

River Mile 0.55

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 13:42	BOD, Total	<	2	mg/L	2	SM5210 B
7/29/2025 11:57	BOD, Total	<	2	mg/L	2	SM5210 B
8/5/2025 12:46	BOD, Total	<	2	mg/L	2	SM5210 B
8/12/2025 11:25	BOD, Total	<	2	mg/L	2	SM5210 B
8/19/2025 10:48	BOD, Total	<	2	mg/L	2	SM5210 B
7/22/2025 13:42	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/29/2025 11:57	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/5/2025 12:46	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/12/2025 11:25	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
8/19/2025 10:48	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/22/2025 13:42	Calcium, Total		53900	ug/L	215	EPA-200.8
7/29/2025 11:57	Calcium, Total		30300	ug/L	215	EPA-200.8
8/5/2025 12:46	Calcium, Total		43100	ug/L	215	EPA-200.8
8/12/2025 11:25	Calcium, Total		72400	ug/L	215	EPA-200.8
8/19/2025 10:48	Calcium, Total		72900	ug/L	215	EPA-200.8
7/22/2025 13:42	Chloride		125	mg/L	0.387	EPA 300.0
7/29/2025 11:57	Chloride		68.6	mg/L	0.387	EPA 300.0
8/5/2025 12:46	Chloride		89.4	mg/L	0.387	EPA 300.0
8/12/2025 11:25	Chloride		139	mg/L	0.387	EPA 300.0
8/19/2025 10:48	Chloride		174	mg/L	0.387	EPA 300.0
7/22/2025 13:42	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/29/2025 11:57	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/5/2025 12:46	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/12/2025 11:25	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/19/2025 10:48	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/22/2025 13:42	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
7/29/2025 11:57	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
8/5/2025 12:46	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
8/12/2025 11:25	Cobalt, Total	J	0.368	ug/L	0.185	EPA-200.8
8/19/2025 10:48	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
7/22/2025 13:42	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/29/2025 11:57	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/5/2025 12:46	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/12/2025 11:25	COD, Total	<	16.6	mg/L	16.6	EPA 410.4

Chippewa Creek Tributary at RM 6.59

River Mile 0.55

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/19/2025 10:48	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/22/2025 13:42	Conductivity		775	UMHOS/CM		SM 2510A
7/29/2025 11:57	Conductivity		470	UMHOS/CM		SM 2510A
8/5/2025 12:46	Conductivity		588	UMHOS/CM		SM 2510A
8/12/2025 11:25	Conductivity		862	UMHOS/CM		SM 2510A
8/19/2025 10:48	Conductivity		980	UMHOS/CM		SM 2510A
7/22/2025 13:42	Specific Conductance		742	UMHOS/CM		SM 2510B
7/29/2025 11:57	Specific Conductance		468	UMHOS/CM		SM 2510B
8/5/2025 12:46	Specific Conductance		606	UMHOS/CM		SM 2510B
8/12/2025 11:25	Specific Conductance		844	UMHOS/CM		SM 2510B
8/19/2025 10:48	Specific Conductance		1037	UMHOS/CM		SM 2510B
7/22/2025 13:42	Copper, Total	J	3.99	ug/L	0.45	EPA-200.8
7/29/2025 11:57	Copper, Total	J	5.54	ug/L	0.45	EPA-200.8
8/5/2025 12:46	Copper, Total	J	4.84	ug/L	0.45	EPA-200.8
8/12/2025 11:25	Copper, Total	J	4.8	ug/L	0.45	EPA-200.8
8/19/2025 10:48	Copper, Total	J	2.95	ug/L	0.45	EPA-200.8
7/22/2025 13:42	Dissolved Oxygen		199	%		N/A
7/29/2025 11:57	Dissolved Oxygen		106	%		N/A
8/5/2025 12:46	Dissolved Oxygen		169	%		N/A
8/12/2025 11:25	Dissolved Oxygen		143	%		N/A
8/19/2025 10:48	Dissolved Oxygen		127	%		N/A
7/22/2025 13:42	Dissolved Oxygen		15.8	mg/L		SM 4500-O G
7/29/2025 11:57	Dissolved Oxygen		8.7	mg/L		SM 4500-O G
8/5/2025 12:46	Dissolved Oxygen		14.3	mg/L		SM 4500-O G
8/12/2025 11:25	Dissolved Oxygen		11.6	mg/L		SM 4500-O G
8/19/2025 10:48	Dissolved Oxygen		11	mg/L		SM 4500-O G
7/22/2025 13:42	Escherichia coli		17	MPN/100 mL	1	SM9223 Colilert
7/29/2025 11:57	Escherichia coli		1986	MPN/100 mL	1	SM9223 Colilert
8/5/2025 12:46	Escherichia coli		37	MPN/100 mL	1	SM9223 Colilert
8/12/2025 11:25	Escherichia coli		727	MPN/100 mL	1	SM9223 Colilert
8/19/2025 10:48	Escherichia coli		39	MPN/100 mL	1	SM9223 Colilert
7/22/2025 13:42	Hardness, Total		190	mg/LCaCO3		EPA-200.8
7/29/2025 11:57	Hardness, Total		100	mg/LCaCO3		EPA-200.8
8/5/2025 12:46	Hardness, Total		149	mg/LCaCO3		EPA-200.8

Chippewa Creek Tributary at RM 6.59

River Mile 0.55

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/12/2025 11:25	Hardness, Total		246	mg/LCaCO3		EPA-200.8
8/19/2025 10:48	Hardness, Total		254	mg/LCaCO3		EPA-200.8
7/22/2025 13:42	Iron, Total		506	ug/L	168	EPA-200.8
7/29/2025 11:57	Iron, Total	J	435	ug/L	168	EPA-200.8
8/5/2025 12:46	Iron, Total	J	434	ug/L	168	EPA-200.8
8/12/2025 11:25	Iron, Total		854	ug/L	168	EPA-200.8
8/19/2025 10:48	Iron, Total		654	ug/L	168	EPA-200.8
7/22/2025 13:42	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/29/2025 11:57	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/5/2025 12:46	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/12/2025 11:25	Lead, Total	J	0.498	ug/L	0.295	EPA-200.8
8/19/2025 10:48	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/22/2025 13:42	Magnesium, Total		13500	ug/L	41	EPA-200.8
7/29/2025 11:57	Magnesium, Total		6020	ug/L	41	EPA-200.8
8/5/2025 12:46	Magnesium, Total		10000	ug/L	41	EPA-200.8
8/12/2025 11:25	Magnesium, Total		15900	ug/L	41	EPA-200.8
8/19/2025 10:48	Magnesium, Total		17500	ug/L	41	EPA-200.8
7/22/2025 13:42	Manganese, Total		33.4	ug/L	0.335	EPA-200.8
7/29/2025 11:57	Manganese, Total		30.2	ug/L	0.335	EPA-200.8
8/5/2025 12:46	Manganese, Total		30.1	ug/L	0.335	EPA-200.8
8/12/2025 11:25	Manganese, Total		294	ug/L	0.335	EPA-200.8
8/19/2025 10:48	Manganese, Total		66.1	ug/L	0.335	EPA-200.8
7/22/2025 13:42	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/29/2025 11:57	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/5/2025 12:46	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/12/2025 11:25	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/19/2025 10:48	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/22/2025 13:42	Molybdenum, Total		2.94	ug/L	0.12	EPA-200.8
7/29/2025 11:57	Molybdenum, Total	J	1.67	ug/L	0.12	EPA-200.8
8/5/2025 12:46	Molybdenum, Total		2.4	ug/L	0.12	EPA-200.8
8/12/2025 11:25	Molybdenum, Total		2.18	ug/L	0.12	EPA-200.8
8/19/2025 10:48	Molybdenum, Total		2.62	ug/L	0.12	EPA-200.8
7/22/2025 13:42	Nickel, Total	J	1.2	ug/L	0.265	EPA-200.8
7/29/2025 11:57	Nickel, Total	J	0.898	ug/L	0.265	EPA-200.8

Chippewa Creek Tributary at RM 6.59

River Mile 0.55

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/5/2025 12:46	Nickel, Total	J	1.02	ug/L	0.265	EPA-200.8
8/12/2025 11:25	Nickel, Total	J	1.56	ug/L	0.265	EPA-200.8
8/19/2025 10:48	Nickel, Total	J	1.34	ug/L	0.265	EPA-200.8
7/22/2025 13:42	Nitrite - Nitrate, Total	J	0.042	mg/L	0.024	ASTM D7781
7/29/2025 11:57	Nitrite - Nitrate, Total		0.269	mg/L	0.024	ASTM D7781
8/5/2025 12:46	Nitrite - Nitrate, Total		0.151	mg/L	0.024	ASTM D7781
8/12/2025 11:25	Nitrite - Nitrate, Total		0.132	mg/L	0.024	ASTM D7781
8/19/2025 10:48	Nitrite - Nitrate, Total		0.085	mg/L	0.024	ASTM D7781
7/22/2025 13:42	pH		8.8	S.U.		N/A
7/29/2025 11:57	pH		8.2	S.U.		N/A
8/5/2025 12:46	pH		8.9	S.U.		N/A
8/12/2025 11:25	pH		8.2	S.U.		N/A
8/19/2025 10:48	pH		8	S.U.		N/A
7/22/2025 13:42	Phosphorus, Diss. Reactive	J	0.0115	mg/L	0.006	EPA 365.1
7/29/2025 11:57	Phosphorus, Diss. Reactive	J	0.0146	mg/L	0.014	EPA 365.1
8/5/2025 12:46	Phosphorus, Diss. Reactive	J	0.0161	mg/L	0.014	EPA 365.1
8/12/2025 11:25	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/19/2025 10:48	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
7/22/2025 13:42	Phosphorus, Total	J	0.023	mg/L	0.0135	EPA 365.1
7/29/2025 11:57	Phosphorus, Total		0.046	mg/L	0.0135	EPA 365.1
8/5/2025 12:46	Phosphorus, Total		0.033	mg/L	0.0135	EPA 365.1
8/12/2025 11:25	Phosphorus, Total	J	0.026	mg/L	0.0135	EPA 365.1
8/19/2025 10:48	Phosphorus, Total	J	0.023	mg/L	0.0135	EPA 365.1
7/22/2025 13:42	Potassium, Total	J	3730	ug/L	735	EPA-200.8
7/29/2025 11:57	Potassium, Total	J	2880	ug/L	735	EPA-200.8
8/5/2025 12:46	Potassium, Total	J	3600	ug/L	735	EPA-200.8
8/12/2025 11:25	Potassium, Total	J	3750	ug/L	735	EPA-200.8
8/19/2025 10:48	Potassium, Total	J	3640	ug/L	735	EPA-200.8
7/22/2025 13:42	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/29/2025 11:57	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/5/2025 12:46	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/12/2025 11:25	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/19/2025 10:48	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/22/2025 13:42	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

Chippewa Creek Tributary at RM 6.59

River Mile 0.55

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/29/2025 11:57	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/5/2025 12:46	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/12/2025 11:25	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/19/2025 10:48	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/22/2025 13:42	Sodium, Total		82600	ug/L	130	EPA-200.8
7/29/2025 11:57	Sodium, Total		43700	ug/L	130	EPA-200.8
8/5/2025 12:46	Sodium, Total		59800	ug/L	130	EPA-200.8
8/12/2025 11:25	Sodium, Total		80900	ug/L	130	EPA-200.8
8/19/2025 10:48	Sodium, Total		94300	ug/L	130	EPA-200.8
7/22/2025 13:42	Strontium, Total		238	ug/L	0.185	EPA-200.8
7/29/2025 11:57	Strontium, Total		160	ug/L	0.185	EPA-200.8
8/5/2025 12:46	Strontium, Total		201	ug/L	0.185	EPA-200.8
8/12/2025 11:25	Strontium, Total		286	ug/L	0.185	EPA-200.8
8/19/2025 10:48	Strontium, Total		323	ug/L	0.185	EPA-200.8
7/22/2025 13:42	Sulfate		36.8	mg/L	0.94	EPA 300.0
7/29/2025 11:57	Sulfate		20.2	mg/L	0.94	EPA 300.0
8/5/2025 12:46	Sulfate		31.9	mg/L	0.94	EPA 300.0
8/12/2025 11:25	Sulfate		38.5	mg/L	0.94	EPA 300.0
8/19/2025 10:48	Sulfate		47	mg/L	0.94	EPA 300.0
7/22/2025 13:42	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/29/2025 11:57	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/5/2025 12:46	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/12/2025 11:25	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
8/19/2025 10:48	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/22/2025 13:42	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/29/2025 11:57	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/5/2025 12:46	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/12/2025 11:25	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/19/2025 10:48	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/22/2025 13:42	Titanium, Total	J	1.48	ug/L	0.945	EPA-200.8
7/29/2025 11:57	Titanium, Total	J	2.77	ug/L	0.945	EPA-200.8
8/5/2025 12:46	Titanium, Total	J	1.81	ug/L	0.945	EPA-200.8
8/12/2025 11:25	Titanium, Total	J	4.09	ug/L	0.945	EPA-200.8
8/19/2025 10:48	Titanium, Total	J	1.71	ug/L	0.945	EPA-200.8

Chippewa Creek Tributary at RM 6.59

River Mile 0.55

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 13:42	Total Dissolved Solids		460	mg/L	5	SM2540 C
7/29/2025 11:57	Total Dissolved Solids		250	mg/L	5	SM2540 C
8/5/2025 12:46	Total Dissolved Solids		336	mg/L	5	SM2540 C
8/12/2025 11:25	Total Dissolved Solids		466	mg/L	5	SM2540 C
8/19/2025 10:48	Total Dissolved Solids		574	mg/L	5	SM2540 C
7/22/2025 13:42	Total Kjeldahl Nitrogen	J	0.512	mg/L	0.342	EPA351.2 (G)
7/29/2025 11:57	Total Kjeldahl Nitrogen	J	0.572	mg/L	0.342	EPA351.2 (G)
8/5/2025 12:46	Total Kjeldahl Nitrogen	<	0.342	mg/L	0.342	EPA351.2 (G)
8/12/2025 11:25	Total Kjeldahl Nitrogen	J	0.614	mg/L	0.342	EPA351.2 (G)
8/19/2025 10:48	Total Kjeldahl Nitrogen	J	0.352	mg/L	0.342	EPA351.2 (G)
7/22/2025 13:42	Total Solids		516	mg/L	18.8	SM2540 B
7/29/2025 11:57	Total Solids		268	mg/L	18.8	SM2540 B
8/5/2025 12:46	Total Solids		358	mg/L	18.8	SM2540 B
8/12/2025 11:25	Total Solids		500	mg/L	18.8	SM2540 B
8/19/2025 10:48	Total Solids		636	mg/L	18.8	SM2540 B
7/22/2025 13:42	Total Suspended Solids		2	mg/L	0.9	SM2540 D
7/29/2025 11:57	Total Suspended Solids		4.7	mg/L	0.9	SM2540 D
8/5/2025 12:46	Total Suspended Solids		3.8	mg/L	0.9	SM2540 D
8/12/2025 11:25	Total Suspended Solids		3.9	mg/L	0.9	SM2540 D
8/19/2025 10:48	Total Suspended Solids	J	1.9	mg/L	0.9	SM2540 D
7/22/2025 13:42	Turbidity		1.4	NTU	0.4	EPA 180.1
7/29/2025 11:57	Turbidity		15.9	NTU	0.4	EPA 180.1
8/5/2025 12:46	Turbidity		3.5	NTU	0.4	EPA 180.1
8/12/2025 11:25	Turbidity		2.6	NTU	0.4	EPA 180.1
8/19/2025 10:48	Turbidity		1.4	NTU	0.4	EPA 180.1
7/22/2025 13:42	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/29/2025 11:57	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/5/2025 12:46	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/12/2025 11:25	Vanadium, Total	<	1.7	ug/L	8.5	EPA-200.8
8/19/2025 10:48	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/22/2025 13:42	Water Temperature		27.35	°C		EPA 170.1
7/29/2025 11:57	Water Temperature		25.22	°C		EPA 170.1
8/5/2025 12:46	Water Temperature		23.44	°C		EPA 170.1
8/12/2025 11:25	Water Temperature		26.12	°C		EPA 170.1
8/19/2025 10:48	Water Temperature		21.84	°C		EPA 170.1

Chippewa Creek Tributary at RM 6.59

River Mile 0.55

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 13:42	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/29/2025 11:57	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/5/2025 12:46	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/12/2025 11:25	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/19/2025 10:48	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8

Chippewa Creek Tributary at RM 3.70 (Bramblewood Branch)

River Mile 0.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 11:00	Alkalinity, Total		268	mg/LCaCO3	7.05	EPA-310.2
7/29/2025 10:25	Alkalinity, Total		208	mg/LCaCO3	7.05	EPA-310.2
8/5/2025 11:29	Alkalinity, Total		262	mg/LCaCO3	7.05	EPA-310.2
8/12/2025 10:24	Alkalinity, Total		268	mg/LCaCO3	7.05	EPA-310.2
8/19/2025 9:42	Alkalinity, Total		268	mg/LCaCO3	9.88	EPA-310.2
7/22/2025 11:00	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
7/29/2025 10:25	Aluminum, Total	J	63.9	ug/L	45.8	EPA-200.8
8/5/2025 11:29	Aluminum, Total	J	59.1	ug/L	45.8	EPA-200.8
8/12/2025 10:24	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
8/19/2025 9:42	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
7/22/2025 11:00	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/29/2025 10:25	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/5/2025 11:29	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/12/2025 10:24	Ammonia, Total		0.05	mg/L	0.024	EPA-350.1 (G)
8/19/2025 9:42	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/22/2025 11:00	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
7/29/2025 10:25	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/5/2025 11:29	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/12/2025 10:24	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/19/2025 9:42	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
7/22/2025 11:00	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
7/29/2025 10:25	Arsenic, Total	J	0.814	ug/L	0.585	EPA-200.8
8/5/2025 11:29	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
8/12/2025 10:24	Arsenic, Total	J	0.697	ug/L	0.585	EPA-200.8
8/19/2025 9:42	Arsenic, Total	J	0.867	ug/L	0.585	EPA-200.8
7/22/2025 11:00	Barium, Total		49.3	ug/L	0.605	EPA-200.8
7/29/2025 10:25	Barium, Total		33.1	ug/L	0.605	EPA-200.8
8/5/2025 11:29	Barium, Total		43	ug/L	0.605	EPA-200.8
8/12/2025 10:24	Barium, Total		48.1	ug/L	0.605	EPA-200.8
8/19/2025 9:42	Barium, Total		50.7	ug/L	0.605	EPA-200.8
7/22/2025 11:00	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/29/2025 10:25	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/5/2025 11:29	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/12/2025 10:24	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8
8/19/2025 9:42	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8

Chippewa Creek Tributary at RM 3.70 (Bramblewood Branch)

River Mile 0.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 11:00	BOD, Total	<	2	mg/L	2	SM5210 B
7/29/2025 10:25	BOD, Total	<	2	mg/L	2	SM5210 B
8/5/2025 11:29	BOD, Total	<	2	mg/L	2	SM5210 B
8/12/2025 10:24	BOD, Total	<	2	mg/L	2	SM5210 B
8/19/2025 9:42	BOD, Total	<	2	mg/L	2	SM5210 B
7/22/2025 11:00	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/29/2025 10:25	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/5/2025 11:29	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/12/2025 10:24	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
8/19/2025 9:42	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/22/2025 11:00	Calcium, Total		146000	ug/L	215	EPA-200.8
7/29/2025 10:25	Calcium, Total		84700	ug/L	215	EPA-200.8
8/5/2025 11:29	Calcium, Total		119000	ug/L	215	EPA-200.8
8/12/2025 10:24	Calcium, Total		149000	ug/L	215	EPA-200.8
8/19/2025 9:42	Calcium, Total		148000	ug/L	215	EPA-200.8
7/22/2025 11:00	Chloride		150	mg/L	0.387	EPA 300.0
7/29/2025 10:25	Chloride		108	mg/L	0.387	EPA 300.0
8/5/2025 11:29	Chloride		142	mg/L	0.387	EPA 300.0
8/12/2025 10:24	Chloride		146	mg/L	0.387	EPA 300.0
8/19/2025 9:42	Chloride		143	mg/L	0.387	EPA 300.0
7/22/2025 11:00	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/29/2025 10:25	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/5/2025 11:29	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/12/2025 10:24	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/19/2025 9:42	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/22/2025 11:00	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
7/29/2025 10:25	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
8/5/2025 11:29	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
8/12/2025 10:24	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
8/19/2025 9:42	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
7/22/2025 11:00	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/29/2025 10:25	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/5/2025 11:29	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/12/2025 10:24	COD, Total	<	16.6	mg/L	16.6	EPA 410.4

Chippewa Creek Tributary at RM 3.70 (Bramblewood Branch)

River Mile 0.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/19/2025 9:42	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/22/2025 11:00	Conductivity		1246	UMHOS/CM		SM 2510A
7/29/2025 10:25	Conductivity		947	UMHOS/CM		SM 2510A
8/5/2025 11:29	Conductivity		1238	UMHOS/CM		SM 2510A
8/12/2025 10:24	Conductivity		1342	UMHOS/CM		SM 2510A
8/19/2025 9:42	Conductivity		1280	UMHOS/CM		SM 2510A
7/22/2025 11:00	Specific Conductance		1495	UMHOS/CM		SM 2510B
7/29/2025 10:25	Specific Conductance		1031	UMHOS/CM		SM 2510B
8/5/2025 11:29	Specific Conductance		1451	UMHOS/CM		SM 2510B
8/12/2025 10:24	Specific Conductance		1523	UMHOS/CM		SM 2510B
8/19/2025 9:42	Specific Conductance		1526	UMHOS/CM		SM 2510B
7/22/2025 11:00	Copper, Total	J	1.24	ug/L	0.45	EPA-200.8
7/29/2025 10:25	Copper, Total	J	1.95	ug/L	0.45	EPA-200.8
8/5/2025 11:29	Copper, Total	J	1.24	ug/L	0.45	EPA-200.8
8/12/2025 10:24	Copper, Total	J	0.88	ug/L	0.45	EPA-200.8
8/19/2025 9:42	Copper, Total	J	0.889	ug/L	0.45	EPA-200.8
7/22/2025 11:00	Dissolved Oxygen		99	%		N/A
7/29/2025 10:25	Dissolved Oxygen		101	%		N/A
8/5/2025 11:29	Dissolved Oxygen		103	%		N/A
8/12/2025 10:24	Dissolved Oxygen		99	%		N/A
8/19/2025 9:42	Dissolved Oxygen		95	%		N/A
7/22/2025 11:00	Dissolved Oxygen		9.7	mg/L		SM 4500-O G
7/29/2025 10:25	Dissolved Oxygen		9	mg/L		SM 4500-O G
8/5/2025 11:29	Dissolved Oxygen		9.8	mg/L		SM 4500-O G
8/12/2025 10:24	Dissolved Oxygen		9.2	mg/L		SM 4500-O G
8/19/2025 9:42	Dissolved Oxygen		9.3	mg/L		SM 4500-O G
7/22/2025 11:00	Escherichia coli		602	MPN/100 mL	1	SM9223 Colilert
7/29/2025 10:25	Escherichia coli		816	MPN/100 mL	1	SM9223 Colilert
8/5/2025 11:29	Escherichia coli		219	MPN/100 mL	1	SM9223 Colilert
8/12/2025 10:24	Escherichia coli		114	MPN/100 mL	1	SM9223 Colilert
8/19/2025 9:42	Escherichia coli		105	MPN/100 mL	1	SM9223 Colilert
7/22/2025 11:00	Hardness, Total		614	mg/LCaCO3		EPA-200.8
7/29/2025 10:25	Hardness, Total		342	mg/LCaCO3		EPA-200.8
8/5/2025 11:29	Hardness, Total		508	mg/LCaCO3		EPA-200.8

Chippewa Creek Tributary at RM 3.70 (Bramblewood Branch)

River Mile 0.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/12/2025 10:24	Hardness, Total		660	mg/LCaCO3		EPA-200.8
8/19/2025 9:42	Hardness, Total		637	mg/LCaCO3		EPA-200.8
7/22/2025 11:00	Iron, Total		786	ug/L	168	EPA-200.8
7/29/2025 10:25	Iron, Total		561	ug/L	168	EPA-200.8
8/5/2025 11:29	Iron, Total		690	ug/L	168	EPA-200.8
8/12/2025 10:24	Iron, Total		820	ug/L	168	EPA-200.8
8/19/2025 9:42	Iron, Total		795	ug/L	168	EPA-200.8
7/22/2025 11:00	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/29/2025 10:25	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/5/2025 11:29	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/12/2025 10:24	Lead, Total	<	0.059	ug/L	0.295	EPA-200.8
8/19/2025 9:42	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/22/2025 11:00	Magnesium, Total		60800	ug/L	41	EPA-200.8
7/29/2025 10:25	Magnesium, Total		31800	ug/L	41	EPA-200.8
8/5/2025 11:29	Magnesium, Total		51000	ug/L	41	EPA-200.8
8/12/2025 10:24	Magnesium, Total		69700	ug/L	41	EPA-200.8
8/19/2025 9:42	Magnesium, Total		64900	ug/L	41	EPA-200.8
7/22/2025 11:00	Manganese, Total		77.5	ug/L	0.335	EPA-200.8
7/29/2025 10:25	Manganese, Total		39.3	ug/L	0.335	EPA-200.8
8/5/2025 11:29	Manganese, Total		50.4	ug/L	0.335	EPA-200.8
8/12/2025 10:24	Manganese, Total		49.6	ug/L	0.335	EPA-200.8
8/19/2025 9:42	Manganese, Total		49.2	ug/L	0.335	EPA-200.8
7/22/2025 11:00	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/29/2025 10:25	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/5/2025 11:29	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/12/2025 10:24	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/19/2025 9:42	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/22/2025 11:00	Molybdenum, Total	J	1.63	ug/L	0.12	EPA-200.8
7/29/2025 10:25	Molybdenum, Total	J	1.6	ug/L	0.12	EPA-200.8
8/5/2025 11:29	Molybdenum, Total	J	1.38	ug/L	0.12	EPA-200.8
8/12/2025 10:24	Molybdenum, Total	J	1.52	ug/L	0.12	EPA-200.8
8/19/2025 9:42	Molybdenum, Total	J	1.62	ug/L	0.12	EPA-200.8
7/22/2025 11:00	Nickel, Total	J	1.11	ug/L	0.265	EPA-200.8
7/29/2025 10:25	Nickel, Total	J	0.924	ug/L	0.265	EPA-200.8

Chippewa Creek Tributary at RM 3.70 (Bramblewood Branch)

River Mile 0.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/5/2025 11:29	Nickel, Total	J	1.02	ug/L	0.265	EPA-200.8
8/12/2025 10:24	Nickel, Total	J	1.17	ug/L	0.265	EPA-200.8
8/19/2025 9:42	Nickel, Total	J	1.34	ug/L	0.265	EPA-200.8
7/22/2025 11:00	Nitrite - Nitrate, Total		0.14	mg/L	0.024	ASTM D7781
7/29/2025 10:25	Nitrite - Nitrate, Total		0.468	mg/L	0.024	ASTM D7781
8/5/2025 11:29	Nitrite - Nitrate, Total		0.143	mg/L	0.024	ASTM D7781
8/12/2025 10:24	Nitrite - Nitrate, Total		0.256	mg/L	0.024	ASTM D7781
8/19/2025 9:42	Nitrite - Nitrate, Total		0.166	mg/L	0.024	ASTM D7781
7/22/2025 11:00	pH		8.2	S.U.		N/A
7/29/2025 10:25	pH		8.2	S.U.		N/A
8/5/2025 11:29	pH		8.3	S.U.		N/A
8/12/2025 10:24	pH		8.2	S.U.		N/A
8/19/2025 9:42	pH		8.2	S.U.		N/A
7/22/2025 11:00	Phosphorus, Diss. Reactive	<	0.006	mg/L	0.006	EPA 365.1
7/29/2025 10:25	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/5/2025 11:29	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/12/2025 10:24	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/19/2025 9:42	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
7/22/2025 11:00	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
7/29/2025 10:25	Phosphorus, Total	J	0.018	mg/L	0.0135	EPA 365.1
8/5/2025 11:29	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
8/12/2025 10:24	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
8/19/2025 9:42	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
7/22/2025 11:00	Potassium, Total	J	4200	ug/L	735	EPA-200.8
7/29/2025 10:25	Potassium, Total	J	3610	ug/L	735	EPA-200.8
8/5/2025 11:29	Potassium, Total	J	3760	ug/L	735	EPA-200.8
8/12/2025 10:24	Potassium, Total	J	4220	ug/L	735	EPA-200.8
8/19/2025 9:42	Potassium, Total	J	4190	ug/L	735	EPA-200.8
7/22/2025 11:00	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/29/2025 10:25	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/5/2025 11:29	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/12/2025 10:24	Selenium, Total	<	0.109	ug/L	0.545	EPA-200.8
8/19/2025 9:42	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/22/2025 11:00	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

Chippewa Creek Tributary at RM 3.70 (Bramblewood Branch)

River Mile 0.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/29/2025 10:25	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/5/2025 11:29	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/12/2025 10:24	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/19/2025 9:42	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/22/2025 11:00	Sodium, Total		81300	ug/L	130	EPA-200.8
7/29/2025 10:25	Sodium, Total		62000	ug/L	130	EPA-200.8
8/5/2025 11:29	Sodium, Total		67900	ug/L	130	EPA-200.8
8/12/2025 10:24	Sodium, Total		78700	ug/L	130	EPA-200.8
8/19/2025 9:42	Sodium, Total		77000	ug/L	130	EPA-200.8
7/22/2025 11:00	Strontium, Total		600	ug/L	0.185	EPA-200.8
7/29/2025 10:25	Strontium, Total		338	ug/L	0.185	EPA-200.8
8/5/2025 11:29	Strontium, Total		509	ug/L	0.185	EPA-200.8
8/12/2025 10:24	Strontium, Total		661	ug/L	0.185	EPA-200.8
8/19/2025 9:42	Strontium, Total		672	ug/L	0.185	EPA-200.8
7/22/2025 11:00	Sulfate		345	mg/L	1.88	EPA 300.0
7/29/2025 10:25	Sulfate		176	mg/L	0.94	EPA 300.0
8/5/2025 11:29	Sulfate		322	mg/L	1.88	EPA 300.0
8/12/2025 10:24	Sulfate		350	mg/L	1.88	EPA 300.0
8/19/2025 9:42	Sulfate		358	mg/L	1.88	EPA 300.0
7/22/2025 11:00	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/29/2025 10:25	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/5/2025 11:29	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/12/2025 10:24	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
8/19/2025 9:42	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/22/2025 11:00	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/29/2025 10:25	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/5/2025 11:29	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/12/2025 10:24	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/19/2025 9:42	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/22/2025 11:00	Titanium, Total	J	1.96	ug/L	0.945	EPA-200.8
7/29/2025 10:25	Titanium, Total	J	2.19	ug/L	0.945	EPA-200.8
8/5/2025 11:29	Titanium, Total	J	2.01	ug/L	0.945	EPA-200.8
8/12/2025 10:24	Titanium, Total	J	1.57	ug/L	0.945	EPA-200.8
8/19/2025 9:42	Titanium, Total	J	2.23	ug/L	0.945	EPA-200.8

Chippewa Creek Tributary at RM 3.70 (Bramblewood Branch)

River Mile 0.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 11:00	Total Dissolved Solids		1080	mg/L	5	SM2540 C
7/29/2025 10:25	Total Dissolved Solids		680	mg/L	5	SM2540 C
8/5/2025 11:29	Total Dissolved Solids		1020	mg/L	5	SM2540 C
8/12/2025 10:24	Total Dissolved Solids		1050	mg/L	5	SM2540 C
8/19/2025 9:42	Total Dissolved Solids		1060	mg/L	5	SM2540 C
7/22/2025 11:00	Total Kjeldahl Nitrogen	<	0.342	mg/L	0.342	EPA351.2 (G)
7/29/2025 10:25	Total Kjeldahl Nitrogen	J	0.404	mg/L	0.342	EPA351.2 (G)
8/5/2025 11:29	Total Kjeldahl Nitrogen	<	0.342	mg/L	0.342	EPA351.2 (G)
8/12/2025 10:24	Total Kjeldahl Nitrogen	<	0.342	mg/L	0.342	EPA351.2 (G)
8/19/2025 9:42	Total Kjeldahl Nitrogen	<	0.342	mg/L	0.342	EPA351.2 (G)
7/22/2025 11:00	Total Solids		1330	mg/L	18.8	SM2540 B
7/29/2025 10:25	Total Solids		718	mg/L	18.8	SM2540 B
8/5/2025 11:29	Total Solids		1080	mg/L	18.8	SM2540 B
8/12/2025 10:24	Total Solids		1140	mg/L	18.8	SM2540 B
8/19/2025 9:42	Total Solids		1210	mg/L	18.8	SM2540 B
7/22/2025 11:00	Total Suspended Solids	J	1	mg/L	0.9	SM2540 D
7/29/2025 10:25	Total Suspended Solids	J	1.2	mg/L	0.9	SM2540 D
8/5/2025 11:29	Total Suspended Solids	<	0.9	mg/L	0.9	SM2540 D
8/12/2025 10:24	Total Suspended Solids	<	0.9	mg/L	0.9	SM2540 D
8/19/2025 9:42	Total Suspended Solids	<	0.9	mg/L	0.9	SM2540 D
7/22/2025 11:00	Turbidity		1	NTU	0.4	EPA 180.1
7/29/2025 10:25	Turbidity		2.1	NTU	0.4	EPA 180.1
8/5/2025 11:29	Turbidity		0.9	NTU	0.4	EPA 180.1
8/12/2025 10:24	Turbidity		0.9	NTU	0.4	EPA 180.1
8/19/2025 9:42	Turbidity		0.9	NTU	0.4	EPA 180.1
7/22/2025 11:00	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/29/2025 10:25	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/5/2025 11:29	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/12/2025 10:24	Vanadium, Total	<	1.7	ug/L	8.5	EPA-200.8
8/19/2025 9:42	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/22/2025 11:00	Water Temperature		16.26	°C		EPA 170.1
7/29/2025 10:25	Water Temperature		20.73	°C		EPA 170.1
8/5/2025 11:29	Water Temperature		17.32	°C		EPA 170.1
8/12/2025 10:24	Water Temperature		18.78	°C		EPA 170.1
8/19/2025 9:42	Water Temperature		16.58	°C		EPA 170.1

Chippewa Creek Tributary at RM 3.70 (Bramblewood Branch)

River Mile 0.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 11:00	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/29/2025 10:25	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/5/2025 11:29	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/12/2025 10:24	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/19/2025 9:42	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8

Chippewa Creek
River Mile 4.40

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 12:15	Alkalinity, Total		207	mg/LCaCO3	7.05	EPA-310.2
7/29/2025 11:20	Alkalinity, Total		108	mg/LCaCO3	7.05	EPA-310.2
8/5/2025 12:00	Alkalinity, Total		193	mg/LCaCO3	7.05	EPA-310.2
8/12/2025 10:53	Alkalinity, Total		208	mg/LCaCO3	7.05	EPA-310.2
8/19/2025 10:10	Alkalinity, Total		202	mg/LCaCO3	9.88	EPA-310.2
7/22/2025 12:15	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
7/29/2025 11:20	Aluminum, Total	J	200	ug/L	45.8	EPA-200.8
8/5/2025 12:00	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
8/12/2025 10:53	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
8/19/2025 10:10	Aluminum, Total	J	80.2	ug/L	45.8	EPA-200.8
7/22/2025 12:15	Ammonia, Total		0.162	mg/L	0.024	EPA-350.1 (G)
7/29/2025 11:20	Ammonia, Total		0.128	mg/L	0.024	EPA-350.1 (G)
8/5/2025 12:00	Ammonia, Total		0.158	mg/L	0.024	EPA-350.1 (G)
8/12/2025 10:53	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/19/2025 10:10	Ammonia, Total		0.055	mg/L	0.024	EPA-350.1 (G)
7/22/2025 12:15	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
7/29/2025 11:20	Antimony, Total	J	0.224	ug/L	0.215	EPA-200.8
8/5/2025 12:00	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/12/2025 10:53	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/19/2025 10:10	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
7/22/2025 12:15	Arsenic, Total	J	1	ug/L	0.585	EPA-200.8
7/29/2025 11:20	Arsenic, Total	J	1.05	ug/L	0.585	EPA-200.8
8/5/2025 12:00	Arsenic, Total	J	1.11	ug/L	0.585	EPA-200.8
8/12/2025 10:53	Arsenic, Total	J	1.11	ug/L	0.585	EPA-200.8
8/19/2025 10:10	Arsenic, Total	J	1.03	ug/L	0.585	EPA-200.8
7/22/2025 12:15	Barium, Total		54.1	ug/L	0.605	EPA-200.8
7/29/2025 11:20	Barium, Total		23.7	ug/L	0.605	EPA-200.8
8/5/2025 12:00	Barium, Total		44.8	ug/L	0.605	EPA-200.8
8/12/2025 10:53	Barium, Total		51.9	ug/L	0.605	EPA-200.8
8/19/2025 10:10	Barium, Total		58.5	ug/L	0.605	EPA-200.8
7/22/2025 12:15	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/29/2025 11:20	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/5/2025 12:00	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/12/2025 10:53	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8
8/19/2025 10:10	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8

Chippewa Creek
River Mile 4.40

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 12:15	BOD, Total	<	2	mg/L	2	SM5210 B
7/29/2025 11:20	BOD, Total	<	2	mg/L	2	SM5210 B
8/5/2025 12:00	BOD, Total	<	2	mg/L	2	SM5210 B
8/12/2025 10:53	BOD, Total	<	2	mg/L	2	SM5210 B
8/19/2025 10:10	BOD, Total	<	2	mg/L	2	SM5210 B
7/22/2025 12:15	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/29/2025 11:20	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/5/2025 12:00	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/12/2025 10:53	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
8/19/2025 10:10	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/22/2025 12:15	Calcium, Total		92800	ug/L	215	EPA-200.8
7/29/2025 11:20	Calcium, Total		35100	ug/L	215	EPA-200.8
8/5/2025 12:00	Calcium, Total		80200	ug/L	215	EPA-200.8
8/12/2025 10:53	Calcium, Total		104000	ug/L	215	EPA-200.8
8/19/2025 10:10	Calcium, Total		107000	ug/L	215	EPA-200.8
7/22/2025 12:15	Chloride		148	mg/L	0.387	EPA 300.0
7/29/2025 11:20	Chloride		77.2	mg/L	0.387	EPA 300.0
8/5/2025 12:00	Chloride		130	mg/L	0.387	EPA 300.0
8/12/2025 10:53	Chloride		139	mg/L	0.387	EPA 300.0
8/19/2025 10:10	Chloride		134	mg/L	0.387	EPA 300.0
7/22/2025 12:15	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/29/2025 11:20	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/5/2025 12:00	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/12/2025 10:53	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/19/2025 10:10	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/22/2025 12:15	Cobalt, Total	J	0.272	ug/L	0.185	EPA-200.8
7/29/2025 11:20	Cobalt, Total	J	0.267	ug/L	0.185	EPA-200.8
8/5/2025 12:00	Cobalt, Total	J	0.262	ug/L	0.185	EPA-200.8
8/12/2025 10:53	Cobalt, Total	J	0.24	ug/L	0.185	EPA-200.8
8/19/2025 10:10	Cobalt, Total	J	0.282	ug/L	0.185	EPA-200.8
7/22/2025 12:15	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/29/2025 11:20	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/5/2025 12:00	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/12/2025 10:53	COD, Total	<	16.6	mg/L	16.6	EPA 410.4

Chippewa Creek
River Mile 4.40

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/19/2025 10:10	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/22/2025 12:15	Conductivity		1055	UMHOS/CM		SM 2510A
7/29/2025 11:20	Conductivity		540	UMHOS/CM		SM 2510A
8/5/2025 12:00	Conductivity		914	UMHOS/CM		SM 2510A
8/12/2025 10:53	Conductivity		1120	UMHOS/CM		SM 2510A
8/19/2025 10:10	Conductivity		1023	UMHOS/CM		SM 2510A
7/22/2025 12:15	Specific Conductance		1118	UMHOS/CM		SM 2510B
7/29/2025 11:20	Specific Conductance		552	UMHOS/CM		SM 2510B
8/5/2025 12:00	Specific Conductance		1002	UMHOS/CM		SM 2510B
8/12/2025 10:53	Specific Conductance		1151	UMHOS/CM		SM 2510B
8/19/2025 10:10	Specific Conductance		1117	UMHOS/CM		SM 2510B
7/22/2025 12:15	Copper, Total	J	2.62	ug/L	0.45	EPA-200.8
7/29/2025 11:20	Copper, Total	J	3.35	ug/L	0.45	EPA-200.8
8/5/2025 12:00	Copper, Total	J	2.48	ug/L	0.45	EPA-200.8
8/12/2025 10:53	Copper, Total	J	1.83	ug/L	0.45	EPA-200.8
8/19/2025 10:10	Copper, Total	J	2.18	ug/L	0.45	EPA-200.8
7/22/2025 12:15	Dissolved Oxygen		121	%		N/A
7/29/2025 11:20	Dissolved Oxygen		99	%		N/A
8/5/2025 12:00	Dissolved Oxygen		109	%		N/A
8/12/2025 10:53	Dissolved Oxygen		113	%		N/A
8/19/2025 10:10	Dissolved Oxygen		106	%		N/A
7/22/2025 12:15	Dissolved Oxygen		10.6	mg/L		SM 4500-O G
7/29/2025 11:20	Dissolved Oxygen		8.3	mg/L		SM 4500-O G
8/5/2025 12:00	Dissolved Oxygen		9.8	mg/L		SM 4500-O G
8/12/2025 10:53	Dissolved Oxygen		9.5	mg/L		SM 4500-O G
8/19/2025 10:10	Dissolved Oxygen		9.5	mg/L		SM 4500-O G
7/22/2025 12:15	Escherichia coli		111	MPN/100 mL	1	SM9223 Colilert
7/29/2025 11:20	Escherichia coli		2420	MPN/100 mL	1	SM9223 Colilert
8/5/2025 12:00	Escherichia coli		178	MPN/100 mL	1	SM9223 Colilert
8/12/2025 10:53	Escherichia coli		153	MPN/100 mL	1	SM9223 Colilert
8/19/2025 10:10	Escherichia coli		276	MPN/100 mL	1	SM9223 Colilert
7/22/2025 12:15	Hardness, Total		347	mg/LCaCO3		EPA-200.8
7/29/2025 11:20	Hardness, Total		121	mg/LCaCO3		EPA-200.8
8/5/2025 12:00	Hardness, Total		303	mg/LCaCO3		EPA-200.8

Chippewa Creek
River Mile 4.40

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/12/2025 10:53	Hardness, Total		398	mg/LCaCO3		EPA-200.8
8/19/2025 10:10	Hardness, Total		406	mg/LCaCO3		EPA-200.8
7/22/2025 12:15	Iron, Total		588	ug/L	168	EPA-200.8
7/29/2025 11:20	Iron, Total		604	ug/L	168	EPA-200.8
8/5/2025 12:00	Iron, Total		553	ug/L	168	EPA-200.8
8/12/2025 10:53	Iron, Total		587	ug/L	168	EPA-200.8
8/19/2025 10:10	Iron, Total		718	ug/L	168	EPA-200.8
7/22/2025 12:15	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/29/2025 11:20	Lead, Total	J	0.359	ug/L	0.295	EPA-200.8
8/5/2025 12:00	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/12/2025 10:53	Lead, Total	<	0.059	ug/L	0.295	EPA-200.8
8/19/2025 10:10	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/22/2025 12:15	Magnesium, Total		28100	ug/L	41	EPA-200.8
7/29/2025 11:20	Magnesium, Total		8100	ug/L	41	EPA-200.8
8/5/2025 12:00	Magnesium, Total		25000	ug/L	41	EPA-200.8
8/12/2025 10:53	Magnesium, Total		33800	ug/L	41	EPA-200.8
8/19/2025 10:10	Magnesium, Total		33500	ug/L	41	EPA-200.8
7/22/2025 12:15	Manganese, Total	J	13.1	ug/L	0.335	EPA-200.8
7/29/2025 11:20	Manganese, Total	J	17.6	ug/L	0.335	EPA-200.8
8/5/2025 12:00	Manganese, Total	J	7.66	ug/L	0.335	EPA-200.8
8/12/2025 10:53	Manganese, Total	J	10.5	ug/L	0.335	EPA-200.8
8/19/2025 10:10	Manganese, Total		27	ug/L	0.335	EPA-200.8
7/22/2025 12:15	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/29/2025 11:20	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/5/2025 12:00	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/12/2025 10:53	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/19/2025 10:10	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/22/2025 12:15	Molybdenum, Total		3.18	ug/L	0.12	EPA-200.8
7/29/2025 11:20	Molybdenum, Total		2.13	ug/L	0.12	EPA-200.8
8/5/2025 12:00	Molybdenum, Total		2.89	ug/L	0.12	EPA-200.8
8/12/2025 10:53	Molybdenum, Total		3.27	ug/L	0.12	EPA-200.8
8/19/2025 10:10	Molybdenum, Total		3.59	ug/L	0.12	EPA-200.8
7/22/2025 12:15	Nickel, Total		2.56	ug/L	0.265	EPA-200.8
7/29/2025 11:20	Nickel, Total	J	1.55	ug/L	0.265	EPA-200.8

Chippewa Creek
River Mile 4.40

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/5/2025 12:00	Nickel, Total		2.38	ug/L	0.265	EPA-200.8
8/12/2025 10:53	Nickel, Total		2.08	ug/L	0.265	EPA-200.8
8/19/2025 10:10	Nickel, Total		2.22	ug/L	0.265	EPA-200.8
7/22/2025 12:15	Nitrite - Nitrate, Total		1.58	mg/L	0.024	ASTM D7781
7/29/2025 11:20	Nitrite - Nitrate, Total		0.454	mg/L	0.024	ASTM D7781
8/5/2025 12:00	Nitrite - Nitrate, Total		0.794	mg/L	0.024	ASTM D7781
8/12/2025 10:53	Nitrite - Nitrate, Total		0.302	mg/L	0.024	ASTM D7781
8/19/2025 10:10	Nitrite - Nitrate, Total		0.465	mg/L	0.024	ASTM D7781
7/22/2025 12:15	pH		8.3	S.U.		N/A
7/29/2025 11:20	pH		8.2	S.U.		N/A
8/5/2025 12:00	pH		8.3	S.U.		N/A
8/12/2025 10:53	pH		8.2	S.U.		N/A
8/19/2025 10:10	pH		8.2	S.U.		N/A
7/22/2025 12:15	Phosphorus, Diss. Reactive	<	0.006	mg/L	0.006	EPA 365.1
7/29/2025 11:20	Phosphorus, Diss. Reactive	J	0.0151	mg/L	0.014	EPA 365.1
8/5/2025 12:00	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/12/2025 10:53	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/19/2025 10:10	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
7/22/2025 12:15	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
7/29/2025 11:20	Phosphorus, Total		0.04	mg/L	0.0135	EPA 365.1
8/5/2025 12:00	Phosphorus, Total	J	0.02	mg/L	0.0135	EPA 365.1
8/12/2025 10:53	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
8/19/2025 10:10	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
7/22/2025 12:15	Potassium, Total	J	6010	ug/L	735	EPA-200.8
7/29/2025 11:20	Potassium, Total	J	3620	ug/L	735	EPA-200.8
8/5/2025 12:00	Potassium, Total	J	5300	ug/L	735	EPA-200.8
8/12/2025 10:53	Potassium, Total	J	5190	ug/L	735	EPA-200.8
8/19/2025 10:10	Potassium, Total	J	5460	ug/L	735	EPA-200.8
7/22/2025 12:15	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/29/2025 11:20	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/5/2025 12:00	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/12/2025 10:53	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/19/2025 10:10	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/22/2025 12:15	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/29/2025 11:20	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/5/2025 12:00	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/12/2025 10:53	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/19/2025 10:10	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/22/2025 12:15	Sodium, Total		89900	ug/L	130	EPA-200.8
7/29/2025 11:20	Sodium, Total		43800	ug/L	130	EPA-200.8
8/5/2025 12:00	Sodium, Total		78300	ug/L	130	EPA-200.8
8/12/2025 10:53	Sodium, Total		82200	ug/L	130	EPA-200.8
8/19/2025 10:10	Sodium, Total		86200	ug/L	130	EPA-200.8
7/22/2025 12:15	Strontium, Total		630	ug/L	0.185	EPA-200.8
7/29/2025 11:20	Strontium, Total		205	ug/L	0.185	EPA-200.8
8/5/2025 12:00	Strontium, Total		596	ug/L	0.185	EPA-200.8
8/12/2025 10:53	Strontium, Total		730	ug/L	0.185	EPA-200.8
8/19/2025 10:10	Strontium, Total		803	ug/L	0.185	EPA-200.8
7/22/2025 12:15	Sulfate		150	mg/L	0.94	EPA 300.0
7/29/2025 11:20	Sulfate		41.8	mg/L	0.94	EPA 300.0
8/5/2025 12:00	Sulfate		120	mg/L	0.94	EPA 300.0
8/12/2025 10:53	Sulfate		182	mg/L	0.94	EPA 300.0
8/19/2025 10:10	Sulfate		168	mg/L	0.94	EPA 300.0
7/22/2025 12:15	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/29/2025 11:20	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/5/2025 12:00	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/12/2025 10:53	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
8/19/2025 10:10	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/22/2025 12:15	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/29/2025 11:20	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/5/2025 12:00	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/12/2025 10:53	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/19/2025 10:10	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/22/2025 12:15	Titanium, Total	J	1.85	ug/L	0.945	EPA-200.8
7/29/2025 11:20	Titanium, Total	J	4.11	ug/L	0.945	EPA-200.8
8/5/2025 12:00	Titanium, Total	J	1.54	ug/L	0.945	EPA-200.8
8/12/2025 10:53	Titanium, Total	J	1.2	ug/L	0.945	EPA-200.8
8/19/2025 10:10	Titanium, Total	J	1.46	ug/L	0.945	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 12:15	Total Dissolved Solids		710	mg/L	5	SM2540 C
7/29/2025 11:20	Total Dissolved Solids		318	mg/L	5	SM2540 C
8/5/2025 12:00	Total Dissolved Solids		636	mg/L	5	SM2540 C
8/12/2025 10:53	Total Dissolved Solids		712	mg/L	5	SM2540 C
8/19/2025 10:10	Total Dissolved Solids		700	mg/L	5	SM2540 C
7/22/2025 12:15	Total Kjeldahl Nitrogen		0.909	mg/L	0.342	EPA351.2 (G)
7/29/2025 11:20	Total Kjeldahl Nitrogen		0.763	mg/L	0.342	EPA351.2 (G)
8/5/2025 12:00	Total Kjeldahl Nitrogen	J	0.606	mg/L	0.342	EPA351.2 (G)
8/12/2025 10:53	Total Kjeldahl Nitrogen	J	0.483	mg/L	0.342	EPA351.2 (G)
8/19/2025 10:10	Total Kjeldahl Nitrogen	<	0.342	mg/L	0.342	EPA351.2 (G)
7/22/2025 12:15	Total Solids		864	mg/L	18.8	SM2540 B
7/29/2025 11:20	Total Solids		338	mg/L	18.8	SM2540 B
8/5/2025 12:00	Total Solids		638	mg/L	18.8	SM2540 B
8/12/2025 10:53	Total Solids		756	mg/L	18.8	SM2540 B
8/19/2025 10:10	Total Solids		786	mg/L	18.8	SM2540 B
7/22/2025 12:15	Total Suspended Solids		3.1	mg/L	0.9	SM2540 D
7/29/2025 11:20	Total Suspended Solids		6.2	mg/L	0.9	SM2540 D
8/5/2025 12:00	Total Suspended Solids	<	0.9	mg/L	0.9	SM2540 D
8/12/2025 10:53	Total Suspended Solids	<	0.9	mg/L	0.9	SM2540 D
8/19/2025 10:10	Total Suspended Solids		12.4	mg/L	0.9	SM2540 D
7/22/2025 12:15	Turbidity		3.1	NTU	0.4	EPA 180.1
7/29/2025 11:20	Turbidity		12.8	NTU	0.4	EPA 180.1
8/5/2025 12:00	Turbidity		0.7	NTU	0.4	EPA 180.1
8/12/2025 10:53	Turbidity		0.62	NTU	0.4	EPA 180.1
8/19/2025 10:10	Turbidity		0.8	NTU	0.4	EPA 180.1
7/22/2025 12:15	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/29/2025 11:20	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/5/2025 12:00	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/12/2025 10:53	Vanadium, Total	<	1.7	ug/L	8.5	EPA-200.8
8/19/2025 10:10	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/22/2025 12:15	Water Temperature		22.08	°C		EPA 170.1
7/29/2025 11:20	Water Temperature		23.92	°C		EPA 170.1
8/5/2025 12:00	Water Temperature		20.43	°C		EPA 170.1
8/12/2025 10:53	Water Temperature		23.58	°C		EPA 170.1
8/19/2025 10:10	Water Temperature		20.58	°C		EPA 170.1

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 12:15	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/29/2025 11:20	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/5/2025 12:00	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/12/2025 10:53	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/19/2025 10:10	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 10:45	Alkalinity, Total		226	mg/LCaCO3	7.05	EPA-310.2
7/29/2025 10:13	Alkalinity, Total		106	mg/LCaCO3	7.05	EPA-310.2
8/5/2025 11:17	Alkalinity, Total		213	mg/LCaCO3	7.05	EPA-310.2
8/12/2025 10:15	Alkalinity, Total		222	mg/LCaCO3	7.05	EPA-310.2
8/19/2025 9:32	Alkalinity, Total		223.5	mg/LCaCO3	9.88	EPA-310.2
7/22/2025 10:45	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
7/29/2025 10:13	Aluminum, Total	J	242	ug/L	45.8	EPA-200.8
8/5/2025 11:17	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
8/12/2025 10:15	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
8/19/2025 9:32	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
7/22/2025 10:45	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/29/2025 10:13	Ammonia, Total		0.094	mg/L	0.024	EPA-350.1 (G)
8/5/2025 11:17	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/12/2025 10:15	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/19/2025 9:32	Ammonia, Total	J	0.027	mg/L	0.024	EPA-350.1 (G)
7/22/2025 10:45	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
7/29/2025 10:13	Antimony, Total	J	0.24	ug/L	0.215	EPA-200.8
8/5/2025 11:17	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/12/2025 10:15	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/19/2025 9:32	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
7/22/2025 10:45	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
7/29/2025 10:13	Arsenic, Total	J	1.18	ug/L	0.585	EPA-200.8
8/5/2025 11:17	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
8/12/2025 10:15	Arsenic, Total	J	0.997	ug/L	0.585	EPA-200.8
8/19/2025 9:32	Arsenic, Total	J	0.893	ug/L	0.585	EPA-200.8
7/22/2025 10:45	Barium, Total		57	ug/L	0.605	EPA-200.8
7/29/2025 10:13	Barium, Total		23.9	ug/L	0.605	EPA-200.8
8/5/2025 11:17	Barium, Total		51.7	ug/L	0.605	EPA-200.8
8/12/2025 10:15	Barium, Total		59	ug/L	0.605	EPA-200.8
8/19/2025 9:32	Barium, Total		55.7	ug/L	0.605	EPA-200.8
7/22/2025 10:45	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/29/2025 10:13	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/5/2025 11:17	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/12/2025 10:15	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8
8/19/2025 9:32	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 10:45	BOD, Total	<	2	mg/L	2	SM5210 B
7/29/2025 10:13	BOD, Total	<	2	mg/L	2	SM5210 B
8/5/2025 11:17	BOD, Total	<	2	mg/L	2	SM5210 B
8/12/2025 10:15	BOD, Total	<	2	mg/L	2	SM5210 B
8/19/2025 9:32	BOD, Total	<	2.1	mg/L	2	SM5210 B
7/22/2025 10:45	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/29/2025 10:13	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/5/2025 11:17	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/12/2025 10:15	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
8/19/2025 9:32	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/22/2025 10:45	Calcium, Total		104000	ug/L	215	EPA-200.8
7/29/2025 10:13	Calcium, Total		35800	ug/L	215	EPA-200.8
8/5/2025 11:17	Calcium, Total		96700	ug/L	215	EPA-200.8
8/12/2025 10:15	Calcium, Total		123000	ug/L	215	EPA-200.8
8/19/2025 9:32	Calcium, Total		110500	ug/L	215	EPA-200.8
7/22/2025 10:45	Chloride		165	mg/L	0.774	EPA 300.0
7/29/2025 10:13	Chloride		78.9	mg/L	0.387	EPA 300.0
8/5/2025 11:17	Chloride		148	mg/L	0.387	EPA 300.0
8/12/2025 10:15	Chloride		162	mg/L	0.387	EPA 300.0
8/19/2025 9:32	Chloride		158	mg/L	0.387	EPA 300.0
7/22/2025 10:45	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/29/2025 10:13	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/5/2025 11:17	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/12/2025 10:15	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/19/2025 9:32	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/22/2025 10:45	Cobalt, Total	J	0.206	ug/L	0.185	EPA-200.8
7/29/2025 10:13	Cobalt, Total	J	0.322	ug/L	0.185	EPA-200.8
8/5/2025 11:17	Cobalt, Total	J	0.275	ug/L	0.185	EPA-200.8
8/12/2025 10:15	Cobalt, Total	J	0.239	ug/L	0.185	EPA-200.8
8/19/2025 9:32	Cobalt, Total	J	0.189	ug/L	0.185	EPA-200.8
7/22/2025 10:45	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/29/2025 10:13	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/5/2025 11:17	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/12/2025 10:15	COD, Total	<	16.6	mg/L	16.6	EPA 410.4

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/19/2025 9:32	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/22/2025 10:45	Conductivity		1096	UMHOS/CM		SM 2510A
7/29/2025 10:13	Conductivity		536	UMHOS/CM		SM 2510A
8/5/2025 11:17	Conductivity		1060	UMHOS/CM		SM 2510A
8/12/2025 10:15	Conductivity		1259	UMHOS/CM		SM 2510A
8/19/2025 9:32	Conductivity		1161	UMHOS/CM		SM 2510A
7/22/2025 10:45	Specific Conductance		1261	UMHOS/CM		SM 2510B
7/29/2025 10:13	Specific Conductance		555	UMHOS/CM		SM 2510B
8/5/2025 11:17	Specific Conductance		1170	UMHOS/CM		SM 2510B
8/12/2025 10:15	Specific Conductance		1333	UMHOS/CM		SM 2510B
8/19/2025 9:32	Specific Conductance		1321	UMHOS/CM		SM 2510B
7/22/2025 10:45	Copper, Total	J	1.73	ug/L	0.45	EPA-200.8
7/29/2025 10:13	Copper, Total	J	5.19	ug/L	0.45	EPA-200.8
8/5/2025 11:17	Copper, Total	J	2.2	ug/L	0.45	EPA-200.8
8/12/2025 10:15	Copper, Total	J	1.54	ug/L	0.45	EPA-200.8
8/19/2025 9:32	Copper, Total	J	1.615	ug/L	0.45	EPA-200.8
7/22/2025 10:45	Dissolved Oxygen		103	%		N/A
7/29/2025 10:13	Dissolved Oxygen		98	%		N/A
8/5/2025 11:17	Dissolved Oxygen		113	%		N/A
8/12/2025 10:15	Dissolved Oxygen		109	%		N/A
8/19/2025 9:32	Dissolved Oxygen		101	%		N/A
7/22/2025 10:45	Dissolved Oxygen		9.7	mg/L		SM 4500-O G
7/29/2025 10:13	Dissolved Oxygen		8.4	mg/L		SM 4500-O G
8/5/2025 11:17	Dissolved Oxygen		10.2	mg/L		SM 4500-O G
8/12/2025 10:15	Dissolved Oxygen		9.5	mg/L		SM 4500-O G
8/19/2025 9:32	Dissolved Oxygen		9.4	mg/L		SM 4500-O G
7/22/2025 10:45	Escherichia coli		770	MPN/100 mL	1	SM9223 Colilert
7/29/2025 10:13	Escherichia coli		3500	MPN/100 mL	1	SM9223 Colilert
8/5/2025 11:17	Escherichia coli		219	MPN/100 mL	1	SM9223 Colilert
8/12/2025 10:15	Escherichia coli		141	MPN/100 mL	1	SM9223 Colilert
8/19/2025 9:32	Escherichia coli		116	MPN/100 mL	1	SM9223 Colilert
7/22/2025 10:45	Hardness, Total		414	mg/LCaCO3		EPA-200.8
7/29/2025 10:13	Hardness, Total		126	mg/LCaCO3		EPA-200.8
8/5/2025 11:17	Hardness, Total		382	mg/LCaCO3		EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/12/2025 10:15	Hardness, Total		502	mg/LCaCO3		EPA-200.8
8/19/2025 9:32	Hardness, Total		451	mg/LCaCO3		EPA-200.8
7/22/2025 10:45	Iron, Total		612	ug/L	168	EPA-200.8
7/29/2025 10:13	Iron, Total		656	ug/L	168	EPA-200.8
8/5/2025 11:17	Iron, Total		624	ug/L	168	EPA-200.8
8/12/2025 10:15	Iron, Total		692	ug/L	168	EPA-200.8
8/19/2025 9:32	Iron, Total		661	ug/L	168	EPA-200.8
7/22/2025 10:45	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/29/2025 10:13	Lead, Total	J	0.426	ug/L	0.295	EPA-200.8
8/5/2025 11:17	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
8/12/2025 10:15	Lead, Total	<	0.059	ug/L	0.295	EPA-200.8
8/19/2025 9:32	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/22/2025 10:45	Magnesium, Total		37200	ug/L	41	EPA-200.8
7/29/2025 10:13	Magnesium, Total		9000	ug/L	41	EPA-200.8
8/5/2025 11:17	Magnesium, Total		34000	ug/L	41	EPA-200.8
8/12/2025 10:15	Magnesium, Total		47300	ug/L	41	EPA-200.8
8/19/2025 9:32	Magnesium, Total		42450	ug/L	41	EPA-200.8
7/22/2025 10:45	Manganese, Total		30.6	ug/L	0.335	EPA-200.8
7/29/2025 10:13	Manganese, Total	J	21	ug/L	0.335	EPA-200.8
8/5/2025 11:17	Manganese, Total		29.3	ug/L	0.335	EPA-200.8
8/12/2025 10:15	Manganese, Total		32.1	ug/L	0.335	EPA-200.8
8/19/2025 9:32	Manganese, Total		28.2	ug/L	0.335	EPA-200.8
7/22/2025 10:45	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/29/2025 10:13	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/5/2025 11:17	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/12/2025 10:15	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/19/2025 9:32	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/22/2025 10:45	Molybdenum, Total		2.54	ug/L	0.12	EPA-200.8
7/29/2025 10:13	Molybdenum, Total		2.2	ug/L	0.12	EPA-200.8
8/5/2025 11:17	Molybdenum, Total		2.59	ug/L	0.12	EPA-200.8
8/12/2025 10:15	Molybdenum, Total		2.68	ug/L	0.12	EPA-200.8
8/19/2025 9:32	Molybdenum, Total		2.65	ug/L	0.12	EPA-200.8
7/22/2025 10:45	Nickel, Total		2.09	ug/L	0.265	EPA-200.8
7/29/2025 10:13	Nickel, Total	J	1.99	ug/L	0.265	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/5/2025 11:17	Nickel, Total		2.25	ug/L	0.265	EPA-200.8
8/12/2025 10:15	Nickel, Total	J	1.97	ug/L	0.265	EPA-200.8
8/19/2025 9:32	Nickel, Total	J	1.73	ug/L	0.265	EPA-200.8
7/22/2025 10:45	Nitrite - Nitrate, Total		1.08	mg/L	0.024	ASTM D7781
7/29/2025 10:13	Nitrite - Nitrate, Total		0.48	mg/L	0.024	ASTM D7781
8/5/2025 11:17	Nitrite - Nitrate, Total		0.588	mg/L	0.024	ASTM D7781
8/12/2025 10:15	Nitrite - Nitrate, Total		0.188	mg/L	0.024	ASTM D7781
8/19/2025 9:32	Nitrite - Nitrate, Total		0.2275	mg/L	0.024	ASTM D7781
7/22/2025 10:45	pH		8.3	S.U.		N/A
7/29/2025 10:13	pH		8.1	S.U.		N/A
8/5/2025 11:17	pH		8.4	S.U.		N/A
8/12/2025 10:15	pH		8.3	S.U.		N/A
8/19/2025 9:32	pH		8.2	S.U.		N/A
7/22/2025 10:45	Phosphorus, Diss. Reactive	<	0.006	mg/L	0.006	EPA 365.1
7/29/2025 10:13	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/5/2025 11:17	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/12/2025 10:15	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/19/2025 9:32	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
7/22/2025 10:45	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
7/29/2025 10:13	Phosphorus, Total		0.04	mg/L	0.0135	EPA 365.1
8/5/2025 11:17	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
8/12/2025 10:15	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
8/19/2025 9:32	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
7/22/2025 10:45	Potassium, Total	J	5480	ug/L	735	EPA-200.8
7/29/2025 10:13	Potassium, Total	J	3740	ug/L	735	EPA-200.8
8/5/2025 11:17	Potassium, Total	J	5240	ug/L	735	EPA-200.8
8/12/2025 10:15	Potassium, Total	J	5440	ug/L	735	EPA-200.8
8/19/2025 9:32	Potassium, Total	J	4985	ug/L	735	EPA-200.8
7/22/2025 10:45	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/29/2025 10:13	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/5/2025 11:17	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/12/2025 10:15	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/19/2025 9:32	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/22/2025 10:45	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/29/2025 10:13	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/5/2025 11:17	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/12/2025 10:15	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/19/2025 9:32	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/22/2025 10:45	Sodium, Total		89600	ug/L	130	EPA-200.8
7/29/2025 10:13	Sodium, Total		47200	ug/L	130	EPA-200.8
8/5/2025 11:17	Sodium, Total		84400	ug/L	130	EPA-200.8
8/12/2025 10:15	Sodium, Total		94300	ug/L	130	EPA-200.8
8/19/2025 9:32	Sodium, Total		87950	ug/L	130	EPA-200.8
7/22/2025 10:45	Strontium, Total		633	ug/L	0.185	EPA-200.8
7/29/2025 10:13	Strontium, Total		223	ug/L	0.185	EPA-200.8
8/5/2025 11:17	Strontium, Total		585	ug/L	0.185	EPA-200.8
8/12/2025 10:15	Strontium, Total		715	ug/L	0.185	EPA-200.8
8/19/2025 9:32	Strontium, Total		708.5	ug/L	0.185	EPA-200.8
7/22/2025 10:45	Sulfate		207	mg/L	1.88	EPA 300.0
7/29/2025 10:13	Sulfate		41.7	mg/L	0.94	EPA 300.0
8/5/2025 11:17	Sulfate		173	mg/L	0.94	EPA 300.0
8/12/2025 10:15	Sulfate		231	mg/L	1.88	EPA 300.0
8/19/2025 9:32	Sulfate		236	mg/L	1.88	EPA 300.0
7/22/2025 10:45	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/29/2025 10:13	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/5/2025 11:17	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/12/2025 10:15	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
8/19/2025 9:32	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/22/2025 10:45	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/29/2025 10:13	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/5/2025 11:17	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/12/2025 10:15	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/19/2025 9:32	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/22/2025 10:45	Titanium, Total	J	1.56	ug/L	0.945	EPA-200.8
7/29/2025 10:13	Titanium, Total	J	5.22	ug/L	0.945	EPA-200.8
8/5/2025 11:17	Titanium, Total	J	1.78	ug/L	0.945	EPA-200.8
8/12/2025 10:15	Titanium, Total	J	1.36	ug/L	0.945	EPA-200.8
8/19/2025 9:32	Titanium, Total	J	1.34	ug/L	0.945	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 10:45	Total Dissolved Solids		824	mg/L	5	SM2540 C
7/29/2025 10:13	Total Dissolved Solids		310	mg/L	5	SM2540 C
8/5/2025 11:17	Total Dissolved Solids		770	mg/L	5	SM2540 C
8/12/2025 10:15	Total Dissolved Solids		854	mg/L	5	SM2540 C
8/19/2025 9:32	Total Dissolved Solids		899	mg/L	5	SM2540 C
7/22/2025 10:45	Total Kjeldahl Nitrogen	J	0.459	mg/L	0.342	EPA351.2 (G)
7/29/2025 10:13	Total Kjeldahl Nitrogen		0.745	mg/L	0.342	EPA351.2 (G)
8/5/2025 11:17	Total Kjeldahl Nitrogen	J	0.468	mg/L	0.342	EPA351.2 (G)
8/12/2025 10:15	Total Kjeldahl Nitrogen	J	0.471	mg/L	0.342	EPA351.2 (G)
8/19/2025 9:32	Total Kjeldahl Nitrogen	<	0.342	mg/L	0.342	EPA351.2 (G)
7/22/2025 10:45	Total Solids		988	mg/L	18.8	SM2540 B
7/29/2025 10:13	Total Solids		332	mg/L	18.8	SM2540 B
8/5/2025 11:17	Total Solids		766	mg/L	18.8	SM2540 B
8/12/2025 10:15	Total Solids		922	mg/L	18.8	SM2540 B
8/19/2025 9:32	Total Solids		971	mg/L	18.8	SM2540 B
7/22/2025 10:45	Total Suspended Solids	<	0.9	mg/L	0.9	SM2540 D
7/29/2025 10:13	Total Suspended Solids		7.9	mg/L	0.9	SM2540 D
8/5/2025 11:17	Total Suspended Solids	<	0.9	mg/L	0.9	SM2540 D
8/12/2025 10:15	Total Suspended Solids		4.5	mg/L	0.9	SM2540 D
8/19/2025 9:32	Total Suspended Solids	<	1.65	mg/L	0.9	SM2540 D
7/22/2025 10:45	Turbidity		0.8	NTU	0.4	EPA 180.1
7/29/2025 10:13	Turbidity		17.5	NTU	0.4	EPA 180.1
8/5/2025 11:17	Turbidity		0.9	NTU	0.4	EPA 180.1
8/12/2025 10:15	Turbidity		2.1	NTU	0.4	EPA 180.1
8/19/2025 9:32	Turbidity		1.1	NTU	0.4	EPA 180.1
7/22/2025 10:45	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/29/2025 10:13	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/5/2025 11:17	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/12/2025 10:15	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/19/2025 9:32	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/22/2025 10:45	Water Temperature		18.18	°C		EPA 170.1
7/29/2025 10:13	Water Temperature		23.22	°C		EPA 170.1
8/5/2025 11:17	Water Temperature		19.98	°C		EPA 170.1
8/12/2025 10:15	Water Temperature		22.06	°C		EPA 170.1
8/19/2025 9:32	Water Temperature		18.72	°C		EPA 170.1

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 10:45	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/29/2025 10:13	Zinc, Total	J	11.9	ug/L	7.2	EPA-200.8
8/5/2025 11:17	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/12/2025 10:15	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/19/2025 9:32	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 9:10	Alkalinity, Total		168	mg/LCaCO3	7.05	EPA-310.2
7/29/2025 9:22	Alkalinity, Total		106	mg/LCaCO3	7.05	EPA-310.2
8/5/2025 10:23	Alkalinity, Total		163	mg/LCaCO3	7.05	EPA-310.2
8/12/2025 9:30	Alkalinity, Total		172	mg/LCaCO3	7.05	EPA-310.2
8/19/2025 8:55	Alkalinity, Total		166	mg/LCaCO3	9.88	EPA-310.2
7/22/2025 9:10	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
7/29/2025 9:22	Aluminum, Total		286	ug/L	45.8	EPA-200.8
8/5/2025 10:23	Aluminum, Total	J	67.6	ug/L	45.8	EPA-200.8
8/12/2025 9:30	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
8/19/2025 8:55	Aluminum, Total	J	71.2	ug/L	45.8	EPA-200.8
7/22/2025 9:10	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/29/2025 9:22	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/5/2025 10:23	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/12/2025 9:30	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/19/2025 8:55	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/22/2025 9:10	Antimony, Total	J	0.234	ug/L	0.215	EPA-200.8
7/29/2025 9:22	Antimony, Total	J	0.261	ug/L	0.215	EPA-200.8
8/5/2025 10:23	Antimony, Total	J	0.231	ug/L	0.215	EPA-200.8
8/12/2025 9:30	Antimony, Total	<	0.043	ug/L	0.215	EPA-200.8
8/19/2025 8:55	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
7/22/2025 9:10	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
7/29/2025 9:22	Arsenic, Total	J	1.04	ug/L	0.585	EPA-200.8
8/5/2025 10:23	Arsenic, Total	J	0.612	ug/L	0.585	EPA-200.8
8/12/2025 9:30	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
8/19/2025 8:55	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
7/22/2025 9:10	Barium, Total		44.4	ug/L	0.605	EPA-200.8
7/29/2025 9:22	Barium, Total		25	ug/L	0.605	EPA-200.8
8/5/2025 10:23	Barium, Total		37.8	ug/L	0.605	EPA-200.8
8/12/2025 9:30	Barium, Total		49.5	ug/L	0.605	EPA-200.8
8/19/2025 8:55	Barium, Total		42	ug/L	0.605	EPA-200.8
7/22/2025 9:10	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/29/2025 9:22	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/5/2025 10:23	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/12/2025 9:30	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8
8/19/2025 8:55	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 9:10	BOD, Total		2.1	mg/L	2	SM5210 B
7/29/2025 9:22	BOD, Total	<	2	mg/L	2	SM5210 B
8/5/2025 10:23	BOD, Total	<	2	mg/L	2	SM5210 B
8/12/2025 9:30	BOD, Total	<	2	mg/L	2	SM5210 B
8/19/2025 8:55	BOD, Total	<	2	mg/L	2	SM5210 B
7/22/2025 9:10	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/29/2025 9:22	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/5/2025 10:23	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/12/2025 9:30	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
8/19/2025 8:55	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/22/2025 9:10	Calcium, Total		80000	ug/L	215	EPA-200.8
7/29/2025 9:22	Calcium, Total		39700	ug/L	215	EPA-200.8
8/5/2025 10:23	Calcium, Total		70000	ug/L	215	EPA-200.8
8/12/2025 9:30	Calcium, Total		90000	ug/L	215	EPA-200.8
8/19/2025 8:55	Calcium, Total		72100	ug/L	215	EPA-200.8
7/22/2025 9:10	Chloride		174	mg/L	0.774	EPA 300.0
7/29/2025 9:22	Chloride		91.4	mg/L	0.387	EPA 300.0
8/5/2025 10:23	Chloride		146	mg/L	0.387	EPA 300.0
8/12/2025 9:30	Chloride		167	mg/L	0.387	EPA 300.0
8/19/2025 8:55	Chloride		162	mg/L	0.387	EPA 300.0
7/22/2025 9:10	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/29/2025 9:22	Chromium, Total	J	12.4	ug/L	6.85	EPA-200.8
8/5/2025 10:23	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/12/2025 9:30	Chromium, Total	<	1.37	ug/L	6.85	EPA-200.8
8/19/2025 8:55	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/22/2025 9:10	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
7/29/2025 9:22	Cobalt, Total	J	0.322	ug/L	0.185	EPA-200.8
8/5/2025 10:23	Cobalt, Total	J	0.207	ug/L	0.185	EPA-200.8
8/12/2025 9:30	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
8/19/2025 8:55	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
7/22/2025 9:10	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/29/2025 9:22	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/5/2025 10:23	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/12/2025 9:30	COD, Total	<	16.6	mg/L	16.6	EPA 410.4

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/19/2025 8:55	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/22/2025 9:10	Conductivity		998	UMHOS/CM		SM 2510A
7/29/2025 9:22	Conductivity		600	UMHOS/CM		SM 2510A
8/5/2025 10:23	Conductivity		915	UMHOS/CM		SM 2510A
8/12/2025 9:30	Conductivity		1097	UMHOS/CM		SM 2510A
8/19/2025 8:55	Conductivity		1031	UMHOS/CM		SM 2510A
7/22/2025 9:10	Specific Conductance		1109	UMHOS/CM		SM 2510B
7/29/2025 9:22	Specific Conductance		609	UMHOS/CM		SM 2510B
8/5/2025 10:23	Specific Conductance		1004	UMHOS/CM		SM 2510B
8/12/2025 9:30	Specific Conductance		1155	UMHOS/CM		SM 2510B
8/19/2025 8:55	Specific Conductance		1124	UMHOS/CM		SM 2510B
7/22/2025 9:10	Copper, Total	J	1.85	ug/L	0.45	EPA-200.8
7/29/2025 9:22	Copper, Total	J	3.64	ug/L	0.45	EPA-200.8
8/5/2025 10:23	Copper, Total		7.56	ug/L	0.45	EPA-200.8
8/12/2025 9:30	Copper, Total	<	0.45	ug/L	0.45	EPA-200.8
8/19/2025 8:55	Copper, Total	J	1.48	ug/L	0.45	EPA-200.8
7/22/2025 9:10	Dissolved Oxygen		89	%		N/A
7/29/2025 9:22	Dissolved Oxygen		7.2	%		N/A
8/5/2025 10:23	Dissolved Oxygen		103	%		N/A
8/12/2025 9:30	Dissolved Oxygen		87	%		N/A
8/19/2025 8:55	Dissolved Oxygen		88	%		N/A
7/22/2025 9:10	Dissolved Oxygen		8.1	mg/L		SM 4500-O G
7/29/2025 9:22	Dissolved Oxygen		86	mg/L		SM 4500-O G
8/5/2025 10:23	Dissolved Oxygen		9.25	mg/L		SM 4500-O G
8/12/2025 9:30	Dissolved Oxygen		7.5	mg/L		SM 4500-O G
8/19/2025 8:55	Dissolved Oxygen		7.8	mg/L		SM 4500-O G
7/22/2025 9:10	Escherichia coli		91	MPN/100 mL	1	SM9223 Colilert
7/29/2025 9:22	Escherichia coli		2920	MPN/100 mL	1	SM9223 Colilert
8/5/2025 10:23	Escherichia coli		58	MPN/100 mL	1	SM9223 Colilert
8/12/2025 9:30	Escherichia coli		12	MPN/100 mL	1	SM9223 Colilert
8/19/2025 8:55	Escherichia coli		219	MPN/100 mL	1	SM9223 Colilert
7/22/2025 9:10	Hardness, Total		292	mg/LCaCO3		EPA-200.8
7/29/2025 9:22	Hardness, Total		140	mg/LCaCO3		EPA-200.8
8/5/2025 10:23	Hardness, Total		267	mg/LCaCO3		EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/12/2025 9:30	Hardness, Total		338	mg/LCaCO3		EPA-200.8
8/19/2025 8:55	Hardness, Total		269	mg/LCaCO3		EPA-200.8
7/22/2025 9:10	Iron, Total	J	474	ug/L	168	EPA-200.8
7/29/2025 9:22	Iron, Total		838	ug/L	168	EPA-200.8
8/5/2025 10:23	Iron, Total		583	ug/L	168	EPA-200.8
8/12/2025 9:30	Iron, Total	<	168	ug/L	168	EPA-200.8
8/19/2025 8:55	Iron, Total		539	ug/L	168	EPA-200.8
7/22/2025 9:10	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/29/2025 9:22	Lead, Total	J	0.501	ug/L	0.295	EPA-200.8
8/5/2025 10:23	Lead, Total	J	0.409	ug/L	0.295	EPA-200.8
8/12/2025 9:30	Lead, Total	<	0.059	ug/L	0.295	EPA-200.8
8/19/2025 8:55	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/22/2025 9:10	Magnesium, Total		22500	ug/L	41	EPA-200.8
7/29/2025 9:22	Magnesium, Total		9950	ug/L	41	EPA-200.8
8/5/2025 10:23	Magnesium, Total		22300	ug/L	41	EPA-200.8
8/12/2025 9:30	Magnesium, Total		27400	ug/L	41	EPA-200.8
8/19/2025 8:55	Magnesium, Total		21600	ug/L	41	EPA-200.8
7/22/2025 9:10	Manganese, Total	J	18.5	ug/L	0.335	EPA-200.8
7/29/2025 9:22	Manganese, Total	J	22.3	ug/L	0.335	EPA-200.8
8/5/2025 10:23	Manganese, Total	J	20.8	ug/L	0.335	EPA-200.8
8/12/2025 9:30	Manganese, Total		30.5	ug/L	0.335	EPA-200.8
8/19/2025 8:55	Manganese, Total		27.1	ug/L	0.335	EPA-200.8
7/22/2025 9:10	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/29/2025 9:22	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/5/2025 10:23	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/12/2025 9:30	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/19/2025 8:55	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/22/2025 9:10	Molybdenum, Total		3.04	ug/L	0.12	EPA-200.8
7/29/2025 9:22	Molybdenum, Total		4.02	ug/L	0.12	EPA-200.8
8/5/2025 10:23	Molybdenum, Total		2.91	ug/L	0.12	EPA-200.8
8/12/2025 9:30	Molybdenum, Total		3.03	ug/L	0.12	EPA-200.8
8/19/2025 8:55	Molybdenum, Total		2.71	ug/L	0.12	EPA-200.8
7/22/2025 9:10	Nickel, Total	J	1.5	ug/L	0.265	EPA-200.8
7/29/2025 9:22	Nickel, Total		2.12	ug/L	0.265	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/5/2025 10:23	Nickel, Total	J	1.9	ug/L	0.265	EPA-200.8
8/12/2025 9:30	Nickel, Total	J	1.64	ug/L	0.265	EPA-200.8
8/19/2025 8:55	Nickel, Total	J	1.49	ug/L	0.265	EPA-200.8
7/22/2025 9:10	Nitrite - Nitrate, Total		0.056	mg/L	0.024	ASTM D7781
7/29/2025 9:22	Nitrite - Nitrate, Total		0.466	mg/L	0.024	ASTM D7781
8/5/2025 10:23	Nitrite - Nitrate, Total		0.207	mg/L	0.024	ASTM D7781
8/12/2025 9:30	Nitrite - Nitrate, Total	J	0.025	mg/L	0.024	ASTM D7781
8/19/2025 8:55	Nitrite - Nitrate, Total		0.41	mg/L	0.024	ASTM D7781
7/22/2025 9:10	pH		7.8	S.U.		N/A
7/29/2025 9:22	pH		7.8	S.U.		N/A
8/5/2025 10:23	pH		8	S.U.		N/A
8/12/2025 9:30	pH		7.7	S.U.		N/A
8/19/2025 8:55	pH		7.7	S.U.		N/A
7/22/2025 9:10	Phosphorus, Diss. Reactive	<	0.006	mg/L	0.006	EPA 365.1
7/29/2025 9:22	Phosphorus, Diss. Reactive	J	0.0149	mg/L	0.014	EPA 365.1
8/5/2025 10:23	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/12/2025 9:30	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
8/19/2025 8:55	Phosphorus, Diss. Reactive	<	0.014	mg/L	0.014	EPA 365.1
7/22/2025 9:10	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
7/29/2025 9:22	Phosphorus, Total		0.033	mg/L	0.0135	EPA 365.1
8/5/2025 10:23	Phosphorus, Total	J	0.014	mg/L	0.0135	EPA 365.1
8/12/2025 9:30	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
8/19/2025 8:55	Phosphorus, Total	<	0.0135	mg/L	0.0135	EPA 365.1
7/22/2025 9:10	Potassium, Total	J	4860	ug/L	735	EPA-200.8
7/29/2025 9:22	Potassium, Total	J	3910	ug/L	735	EPA-200.8
8/5/2025 10:23	Potassium, Total	J	4740	ug/L	735	EPA-200.8
8/12/2025 9:30	Potassium, Total	J	5020	ug/L	735	EPA-200.8
8/19/2025 8:55	Potassium, Total	J	4220	ug/L	735	EPA-200.8
7/22/2025 9:10	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/29/2025 9:22	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/5/2025 10:23	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/12/2025 9:30	Selenium, Total	<	0.109	ug/L	0.545	EPA-200.8
8/19/2025 8:55	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/22/2025 9:10	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/29/2025 9:22	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/5/2025 10:23	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/12/2025 9:30	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/19/2025 8:55	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/22/2025 9:10	Sodium, Total		106000	ug/L	130	EPA-200.8
7/29/2025 9:22	Sodium, Total		55200	ug/L	130	EPA-200.8
8/5/2025 10:23	Sodium, Total		88600	ug/L	130	EPA-200.8
8/12/2025 9:30	Sodium, Total		101000	ug/L	130	EPA-200.8
8/19/2025 8:55	Sodium, Total		83700	ug/L	130	EPA-200.8
7/22/2025 9:10	Strontium, Total		424	ug/L	0.185	EPA-200.8
7/29/2025 9:22	Strontium, Total		223	ug/L	0.185	EPA-200.8
8/5/2025 10:23	Strontium, Total		425	ug/L	0.185	EPA-200.8
8/12/2025 9:30	Strontium, Total		486	ug/L	0.185	EPA-200.8
8/19/2025 8:55	Strontium, Total		425	ug/L	0.185	EPA-200.8
7/22/2025 9:10	Sulfate		139	mg/L	1.88	EPA 300.0
7/29/2025 9:22	Sulfate		56.7	mg/L	0.94	EPA 300.0
8/5/2025 10:23	Sulfate		119	mg/L	0.94	EPA 300.0
8/12/2025 9:30	Sulfate		162	mg/L	0.94	EPA 300.0
8/19/2025 8:55	Sulfate		151	mg/L	0.94	EPA 300.0
7/22/2025 9:10	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/29/2025 9:22	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/5/2025 10:23	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/12/2025 9:30	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
8/19/2025 8:55	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/22/2025 9:10	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/29/2025 9:22	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/5/2025 10:23	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/12/2025 9:30	Tin, Total	<	1.12	ug/L	5.61	EPA-200.8
8/19/2025 8:55	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/22/2025 9:10	Titanium, Total	J	1.6	ug/L	0.945	EPA-200.8
7/29/2025 9:22	Titanium, Total	J	4.62	ug/L	0.945	EPA-200.8
8/5/2025 10:23	Titanium, Total	J	2.15	ug/L	0.945	EPA-200.8
8/12/2025 9:30	Titanium, Total	<	0.945	ug/L	0.945	EPA-200.8
8/19/2025 8:55	Titanium, Total	J	1.82	ug/L	0.945	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 9:10	Total Dissolved Solids		674	mg/L	5	SM2540 C
7/29/2025 9:22	Total Dissolved Solids		372	mg/L	5	SM2540 C
8/5/2025 10:23	Total Dissolved Solids		630	mg/L	5	SM2540 C
8/12/2025 9:30	Total Dissolved Solids		742	mg/L	5	SM2540 C
8/19/2025 8:55	Total Dissolved Solids		706	mg/L	5	SM2540 C
7/22/2025 9:10	Total Kjeldahl Nitrogen	J	0.352	mg/L	0.342	EPA351.2 (G)
7/29/2025 9:22	Total Kjeldahl Nitrogen	J	0.579	mg/L	0.342	EPA351.2 (G)
8/5/2025 10:23	Total Kjeldahl Nitrogen	J	0.398	mg/L	0.342	EPA351.2 (G)
8/12/2025 9:30	Total Kjeldahl Nitrogen	J	0.379	mg/L	0.342	EPA351.2 (G)
8/19/2025 8:55	Total Kjeldahl Nitrogen	<	0.342	mg/L	0.342	EPA351.2 (G)
7/22/2025 9:10	Total Solids		792	mg/L	18.8	SM2540 B
7/29/2025 9:22	Total Solids		394	mg/L	18.8	SM2540 B
8/5/2025 10:23	Total Solids		626	mg/L	18.8	SM2540 B
8/12/2025 9:30	Total Solids		742	mg/L	18.8	SM2540 B
8/19/2025 8:55	Total Solids		742	mg/L	18.8	SM2540 B
7/22/2025 9:10	Total Suspended Solids	J	1.1	mg/L	0.9	SM2540 D
7/29/2025 9:22	Total Suspended Solids		9.6	mg/L	0.9	SM2540 D
8/5/2025 10:23	Total Suspended Solids		4.8	mg/L	0.9	SM2540 D
8/12/2025 9:30	Total Suspended Solids		8.3	mg/L	0.9	SM2540 D
8/19/2025 8:55	Total Suspended Solids		2.5	mg/L	0.9	SM2540 D
7/22/2025 9:10	Turbidity		2.3	NTU	0.4	EPA 180.1
7/29/2025 9:22	Turbidity		27.9	NTU	0.4	EPA 180.1
8/5/2025 10:23	Turbidity		1	NTU	0.4	EPA 180.1
8/12/2025 9:30	Turbidity		4.5	NTU	0.4	EPA 180.1
8/19/2025 8:55	Turbidity		5.7	NTU	0.4	EPA 180.1
7/22/2025 9:10	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/29/2025 9:22	Vanadium, Total	J	14.1	ug/L	8.5	EPA-200.8
8/5/2025 10:23	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/12/2025 9:30	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/19/2025 8:55	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/22/2025 9:10	Water Temperature		19.78	°C		EPA 170.1
7/29/2025 9:22	Water Temperature		23.89	°C		EPA 170.1
8/5/2025 10:23	Water Temperature		20.32	°C		EPA 170.1
8/12/2025 9:30	Water Temperature		22.4	°C		EPA 170.1
8/19/2025 8:55	Water Temperature		22.67	°C		EPA 170.1

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/22/2025 9:10	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/29/2025 9:22	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
8/5/2025 10:23	Zinc, Total	J	20.1	ug/L	7.2	EPA-200.8
8/12/2025 9:30	Zinc, Total	<	1.44	ug/L	7.2	EPA-200.8
8/19/2025 8:55	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8