

Sagamore Creek
River Mile 0.20

Sample Date	Parameter	Code	Result	Units	MDL	Method
6/25/2025 10:52	Alkalinity, Total		186	mg/LCaCO3	7.05	EPA-310.2
7/2/2025 8:50	Alkalinity, Total		139	mg/LCaCO3	7.05	EPA-310.2
7/9/2025 8:22	Alkalinity, Total		184	mg/LCaCO3	7.05	EPA-310.2
7/16/2025 9:08	Alkalinity, Total		187	mg/LCaCO3	7.05	EPA-310.2
7/23/2025 10:55	Alkalinity, Total		188	mg/LCaCO3	7.05	EPA-310.2
6/25/2025 10:52	Aluminum, Total	J	48.6	ug/L	45.8	EPA-200.8
7/2/2025 8:50	Aluminum, Total		308	ug/L	45.8	EPA-200.8
7/9/2025 8:22	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
7/16/2025 9:08	Aluminum, Total	J	69.2	ug/L	45.8	EPA-200.8
7/23/2025 10:55	Aluminum, Total	<	45.8	ug/L	45.8	EPA-200.8
6/25/2025 10:52	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/2/2025 8:50	Ammonia, Total	<	0.029	mg/L	0.024	EPA-350.1 (G)
7/9/2025 8:22	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/16/2025 9:08	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
7/23/2025 10:55	Ammonia, Total	J	0.034	mg/L	0.024	EPA-350.1 (G)
6/25/2025 10:52	Antimony, Total	J	0.218	ug/L	0.215	EPA-200.8
7/2/2025 8:50	Antimony, Total	J	0.2245	ug/L	0.215	EPA-200.8
7/9/2025 8:22	Antimony, Total	J	0.222	ug/L	0.215	EPA-200.8
7/16/2025 9:08	Antimony, Total	J	0.226	ug/L	0.215	EPA-200.8
7/23/2025 10:55	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
6/25/2025 10:52	Arsenic, Total	J	0.756	ug/L	0.585	EPA-200.8
7/2/2025 8:50	Arsenic, Total	J	1.445	ug/L	0.585	EPA-200.8
7/9/2025 8:22	Arsenic, Total	J	1.16	ug/L	0.585	EPA-200.8
7/16/2025 9:08	Arsenic, Total	<	0.585	ug/L	0.585	EPA-200.8
7/23/2025 10:55	Arsenic, Total	J	0.974	ug/L	0.585	EPA-200.8
6/25/2025 10:52	Barium, Total		46.6	ug/L	0.605	EPA-200.8
7/2/2025 8:50	Barium, Total		34.7	ug/L	0.605	EPA-200.8
7/9/2025 8:22	Barium, Total		49.7	ug/L	0.605	EPA-200.8
7/16/2025 9:08	Barium, Total		57.7	ug/L	0.605	EPA-200.8
7/23/2025 10:55	Barium, Total		48.2	ug/L	0.605	EPA-200.8
6/25/2025 10:52	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/2/2025 8:50	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/9/2025 8:22	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8
7/16/2025 9:08	Beryllium, Total	<	0.04	ug/L	0.2	EPA-200.8
7/23/2025 10:55	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
6/25/2025 10:52	BOD, Total	<	2	mg/L	2	SM5210 B
7/2/2025 8:50	BOD, Total	<	2	mg/L	2	SM5210 B
7/9/2025 8:22	BOD, Total		2.5	mg/L	2	SM5210 B
7/16/2025 9:08	BOD, Total	<	2	mg/L	2	SM5210 B
7/23/2025 10:55	BOD, Total	<	2	mg/L	2	SM5210 B
6/25/2025 10:52	Cadmium, Total	<	0.038	ug/L	0.19	EPA-200.8
7/2/2025 8:50	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/9/2025 8:22	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/16/2025 9:08	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/23/2025 10:55	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
6/25/2025 10:52	Calcium, Total		70000	ug/L	215	EPA-200.8
7/2/2025 8:50	Calcium, Total		46500	ug/L	215	EPA-200.8
7/9/2025 8:22	Calcium, Total		70100	ug/L	215	EPA-200.8
7/16/2025 9:08	Calcium, Total		75700	ug/L	215	EPA-200.8
7/23/2025 10:55	Calcium, Total		71000	ug/L	215	EPA-200.8
6/25/2025 10:52	Chloride		159	mg/L	0.387	EPA 300.0
7/2/2025 8:50	Chloride		103	mg/L	0.387	EPA 300.0
7/9/2025 8:22	Chloride		172	mg/L	0.774	EPA 300.0
7/16/2025 9:08	Chloride		185	mg/L	0.774	EPA 300.0
7/23/2025 10:55	Chloride		184	mg/L	0.774	EPA 300.0
6/25/2025 10:52	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/2/2025 8:50	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/9/2025 8:22	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/16/2025 9:08	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/23/2025 10:55	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
6/25/2025 10:52	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
7/2/2025 8:50	Cobalt, Total	J	0.2315	ug/L	0.185	EPA-200.8
7/9/2025 8:22	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
7/16/2025 9:08	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
7/23/2025 10:55	Cobalt, Total	<	0.185	ug/L	0.185	EPA-200.8
6/25/2025 10:52	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/2/2025 8:50	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/9/2025 8:22	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/16/2025 9:08	COD, Total	<	16.6	mg/L	16.6	EPA 410.4

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7/23/2025 10:55	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
6/25/2025 10:52	Conductivity		932	UMHOS/CM		SM 2510A
7/2/2025 8:50	Conductivity		632	UMHOS/CM		SM 2510A
7/9/2025 8:22	Conductivity		936	UMHOS/CM		SM 2510A
7/16/2025 9:08	Conductivity		1043	UMHOS/CM		SM 2510A
7/23/2025 10:55	Conductivity		958	UMHOS/CM		SM 2510A
6/25/2025 10:52	Specific Conductance		972	UMHOS/CM		SM 2510B
7/2/2025 8:50	Specific Conductance		678	UMHOS/CM		SM 2510B
7/9/2025 8:22	Specific Conductance		1007	UMHOS/CM		SM 2510B
7/16/2025 9:08	Specific Conductance		1108	UMHOS/CM		SM 2510B
7/23/2025 10:55	Specific Conductance		1032	UMHOS/CM		SM 2510B
6/25/2025 10:52	Copper, Total	J	2.1	ug/L	0.45	EPA-200.8
7/2/2025 8:50	Copper, Total	J	5.885	ug/L	0.45	EPA-200.8
7/9/2025 8:22	Copper, Total	J	2.36	ug/L	0.45	EPA-200.8
7/16/2025 9:08	Copper, Total	J	2.12	ug/L	0.45	EPA-200.8
7/23/2025 10:55	Copper, Total	J	1.64	ug/L	0.45	EPA-200.8
6/25/2025 10:52	Dissolved Oxygen		90	%		N/A
7/2/2025 8:50	Dissolved Oxygen		91	%		N/A
7/9/2025 8:22	Dissolved Oxygen		84	%		N/A
7/16/2025 9:08	Dissolved Oxygen		88	%		N/A
7/23/2025 10:55	Dissolved Oxygen		95	%		N/A
6/25/2025 10:52	Dissolved Oxygen		7.7	mg/L		SM 4500-O G
7/2/2025 8:50	Dissolved Oxygen		8.1	mg/L		SM 4500-O G
7/9/2025 8:22	Dissolved Oxygen		7.5	mg/L		SM 4500-O G
7/16/2025 9:08	Dissolved Oxygen		7.7	mg/L		SM 4500-O G
7/23/2025 10:55	Dissolved Oxygen		8.4	mg/L		SM 4500-O G
6/25/2025 10:52	Escherichia coli		88	MPN/100 mL	1	SM9223 Colilert
7/2/2025 8:50	Escherichia coli		1299.5	MPN/100 mL	1	SM9223 Colilert
7/9/2025 8:22	Escherichia coli		50	MPN/100 mL	1	SM9223 Colilert
7/16/2025 9:08	Escherichia coli		86	MPN/100 mL	1	SM9223 Colilert
7/23/2025 10:55	Escherichia coli		28	MPN/100 mL	1	SM9223 Colilert
6/25/2025 10:52	Hardness, Total		206	mg/LCaCO3		EPA-200.8
7/2/2025 8:50	Hardness, Total		157	mg/LCaCO3		EPA-200.8
7/9/2025 8:22	Hardness, Total		239	mg/LCaCO3		EPA-200.8

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7/16/2025 9:08	Hardness, Total		253	mg/LCaCO3		EPA-200.8
7/23/2025 10:55	Hardness, Total		240	mg/LCaCO3		EPA-200.8
6/25/2025 10:52	Iron, Total	J	433	ug/L	168	EPA-200.8
7/2/2025 8:50	Iron, Total		730	ug/L	168	EPA-200.8
7/9/2025 8:22	Iron, Total		508	ug/L	168	EPA-200.8
7/16/2025 9:08	Iron, Total		577	ug/L	168	EPA-200.8
7/23/2025 10:55	Iron, Total	J	442	ug/L	168	EPA-200.8
6/25/2025 10:52	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/2/2025 8:50	Lead, Total	J	0.4165	ug/L	0.295	EPA-200.8
7/9/2025 8:22	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/16/2025 9:08	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
7/23/2025 10:55	Lead, Total	<	0.295	ug/L	0.295	EPA-200.8
6/25/2025 10:52	Magnesium, Total		12800	ug/L	41	EPA-200.8
7/2/2025 8:50	Magnesium, Total		9960	ug/L	41	EPA-200.8
7/9/2025 8:22	Magnesium, Total		15600	ug/L	41	EPA-200.8
7/16/2025 9:08	Magnesium, Total		15600	ug/L	41	EPA-200.8
7/23/2025 10:55	Magnesium, Total		15200	ug/L	41	EPA-200.8
6/25/2025 10:52	Manganese, Total	J	7.01	ug/L	0.335	EPA-200.8
7/2/2025 8:50	Manganese, Total	J	18.65	ug/L	0.335	EPA-200.8
7/9/2025 8:22	Manganese, Total	J	10.2	ug/L	0.335	EPA-200.8
7/16/2025 9:08	Manganese, Total	J	9.59	ug/L	0.335	EPA-200.8
7/23/2025 10:55	Manganese, Total	J	8.09	ug/L	0.335	EPA-200.8
6/25/2025 10:52	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/2/2025 8:50	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/9/2025 8:22	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/16/2025 9:08	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/23/2025 10:55	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
6/25/2025 10:52	Molybdenum, Total		2.69	ug/L	0.12	EPA-200.8
7/2/2025 8:50	Molybdenum, Total		2.435	ug/L	0.12	EPA-200.8
7/9/2025 8:22	Molybdenum, Total		3.19	ug/L	0.12	EPA-200.8
7/16/2025 9:08	Molybdenum, Total		3.37	ug/L	0.12	EPA-200.8
7/23/2025 10:55	Molybdenum, Total		3.28	ug/L	0.12	EPA-200.8
6/25/2025 10:52	Nickel, Total	J	1.11	ug/L	0.265	EPA-200.8
7/2/2025 8:50	Nickel, Total	J	1.875	ug/L	0.265	EPA-200.8

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7/9/2025 8:22	Nickel, Total	J	1.11	ug/L	0.265	EPA-200.8
7/16/2025 9:08	Nickel, Total	J	1.18	ug/L	0.265	EPA-200.8
7/23/2025 10:55	Nickel, Total	J	1.06	ug/L	0.265	EPA-200.8
6/25/2025 10:52	Nitrite - Nitrate, Total		0.314	mg/L	0.024	ASTM D7781
7/9/2025 8:22	Nitrite - Nitrate, Total		0.142	mg/L	0.024	ASTM D7781
7/16/2025 9:08	Nitrite - Nitrate, Total		0.089	mg/L	0.024	ASTM D7781
7/23/2025 10:55	Nitrite - Nitrate, Total	J	0.042	mg/L	0.024	ASTM D7781
6/25/2025 10:52	pH		7.8	S.U.		N/A
7/2/2025 8:50	pH		7.8	S.U.		N/A
7/9/2025 8:22	pH		7.8	S.U.		N/A
7/16/2025 9:08	pH		7.8	S.U.		N/A
7/23/2025 10:55	pH		7.8	S.U.		N/A
6/25/2025 10:52	Phosphorus, Diss. Reactive		0.0383	mg/L	0.014	EPA 365.1
7/2/2025 8:50	Phosphorus, Diss. Reactive		0.03325	mg/L	0.014	EPA 365.1
7/9/2025 8:22	Phosphorus, Diss. Reactive	J	0.0236	mg/L	0.006	EPA 365.1
7/16/2025 9:08	Phosphorus, Diss. Reactive	J	0.0201	mg/L	0.006	EPA 365.1
7/23/2025 10:55	Phosphorus, Diss. Reactive	J	0.0265	mg/L	0.006	EPA 365.1
6/25/2025 10:52	Phosphorus, Total		0.034	mg/L	0.0135	EPA 365.1
7/2/2025 8:50	Phosphorus, Total		0.068	mg/L	0.0135	EPA 365.1
7/9/2025 8:22	Phosphorus, Total		0.028	mg/L	0.0135	EPA 365.1
7/16/2025 9:08	Phosphorus, Total		0.031	mg/L	0.0135	EPA 365.1
7/23/2025 10:55	Phosphorus, Total	J	0.021	mg/L	0.0135	EPA 365.1
6/25/2025 10:52	Potassium, Total	J	3610	ug/L	735	EPA-200.8
7/2/2025 8:50	Potassium, Total	J	3885	ug/L	735	EPA-200.8
7/9/2025 8:22	Potassium, Total	J	3970	ug/L	735	EPA-200.8
7/16/2025 9:08	Potassium, Total	J	4010	ug/L	735	EPA-200.8
7/23/2025 10:55	Potassium, Total	J	3700	ug/L	735	EPA-200.8
6/25/2025 10:52	Selenium, Total	<	0.109	ug/L	0.545	EPA-200.8
7/2/2025 8:50	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/9/2025 8:22	Selenium, Total	<	0.109	ug/L	0.545	EPA-200.8
7/16/2025 9:08	Selenium, Total	<	0.109	ug/L	0.545	EPA-200.8
7/23/2025 10:55	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
6/25/2025 10:52	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
7/2/2025 8:50	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8

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7/9/2025 8:22	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
7/16/2025 9:08	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
7/23/2025 10:55	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
6/25/2025 10:52	Sodium, Total		99300	ug/L	130	EPA-200.8
7/2/2025 8:50	Sodium, Total		67700	ug/L	130	EPA-200.8
7/9/2025 8:22	Sodium, Total		108000	ug/L	130	EPA-200.8
7/16/2025 9:08	Sodium, Total		109000	ug/L	130	EPA-200.8
7/23/2025 10:55	Sodium, Total		108000	ug/L	130	EPA-200.8
6/25/2025 10:52	Strontium, Total		449	ug/L	0.185	EPA-200.8
7/2/2025 8:50	Strontium, Total		308	ug/L	0.185	EPA-200.8
7/9/2025 8:22	Strontium, Total		451	ug/L	0.185	EPA-200.8
7/16/2025 9:08	Strontium, Total		460	ug/L	0.185	EPA-200.8
7/23/2025 10:55	Strontium, Total		440	ug/L	0.185	EPA-200.8
6/25/2025 10:52	Sulfate		47.8	mg/L	0.94	EPA 300.0
7/2/2025 8:50	Sulfate		28	mg/L	0.94	EPA 300.0
7/9/2025 8:22	Sulfate		48.8	mg/L	1.88	EPA 300.0
7/16/2025 9:08	Sulfate		53.7	mg/L	1.88	EPA 300.0
7/23/2025 10:55	Sulfate		52.3	mg/L	1.88	EPA 300.0
6/25/2025 10:52	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
7/2/2025 8:50	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/9/2025 8:22	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
7/16/2025 9:08	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
7/23/2025 10:55	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
6/25/2025 10:52	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/2/2025 8:50	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/9/2025 8:22	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/16/2025 9:08	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/23/2025 10:55	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
6/25/2025 10:52	Titanium, Total	J	2.09	ug/L	0.945	EPA-200.8
7/9/2025 8:22	Titanium, Total	J	3.18	ug/L	0.945	EPA-200.8
7/16/2025 9:08	Titanium, Total	J	2.93	ug/L	0.945	EPA-200.8
7/23/2025 10:55	Titanium, Total	J	1.72	ug/L	0.945	EPA-200.8
6/25/2025 10:52	Total Dissolved Solids		546	mg/L	5	SM2540 C
7/2/2025 8:50	Total Dissolved Solids		409	mg/L	5	SM2540 C

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7/9/2025 8:22	Total Dissolved Solids		580	mg/L	5	SM2540 C
7/16/2025 9:08	Total Dissolved Solids		594	mg/L	5	SM2540 C
7/23/2025 10:55	Total Dissolved Solids		606	mg/L	5	SM2540 C
6/25/2025 10:52	Total Kjeldahl Nitrogen	J	0.496	mg/L	0.342	EPA351.2 (G)
7/2/2025 8:50	Total Kjeldahl Nitrogen	J	0.7105	mg/L	0.342	EPA351.2 (G)
7/9/2025 8:22	Total Kjeldahl Nitrogen	J	0.436	mg/L	0.342	EPA351.2 (G)
7/16/2025 9:08	Total Kjeldahl Nitrogen	J	0.434	mg/L	0.342	EPA351.2 (G)
7/23/2025 10:55	Total Kjeldahl Nitrogen	<	0.342	mg/L	0.342	EPA351.2 (G)
6/25/2025 10:52	Total Solids		602	mg/L	18.8	SM2540 B
7/2/2025 8:50	Total Solids		411	mg/L	18.8	SM2540 B
7/9/2025 8:22	Total Solids		624	mg/L	18.8	SM2540 B
7/16/2025 9:08	Total Solids		648	mg/L	18.8	SM2540 B
7/23/2025 10:55	Total Solids		690	mg/L	18.8	SM2540 B
6/25/2025 10:52	Total Suspended Solids	J	0.9	mg/L	0.9	SM2540 D
7/2/2025 8:50	Total Suspended Solids		9.35	mg/L	0.9	SM2540 D
7/9/2025 8:22	Total Suspended Solids	<	0.9	mg/L	0.9	SM2540 D
7/16/2025 9:08	Total Suspended Solids		16	mg/L	0.9	SM2540 D
7/23/2025 10:55	Total Suspended Solids	J	1.2	mg/L	0.9	SM2540 D
6/25/2025 10:52	Turbidity		1.6	NTU	0.3	EPA 180.1
7/2/2025 8:50	Turbidity		10.25	NTU	0.3	EPA 180.1
7/9/2025 8:22	Turbidity		3.4	NTU	0.4	EPA 180.1
7/16/2025 9:08	Turbidity		2.4	NTU	0.4	EPA 180.1
7/23/2025 10:55	Turbidity		0.5	NTU	0.4	EPA 180.1
6/25/2025 10:52	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/2/2025 8:50	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/9/2025 8:22	Vanadium, Total	<	1.7	ug/L	8.5	EPA-200.8
7/16/2025 9:08	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
7/23/2025 10:55	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
6/25/2025 10:52	Water Temperature		22.87	°C		EPA 170.1
7/2/2025 8:50	Water Temperature		21.37	°C		EPA 170.1
7/9/2025 8:22	Water Temperature		21.33	°C		EPA 170.1
7/16/2025 9:08	Water Temperature		21.94	°C		EPA 170.1
7/23/2025 10:55	Water Temperature		21.08	°C		EPA 170.1
6/25/2025 10:52	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8

Sagamore Creek
River Mile 0.20

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/2/2025 8:50	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/9/2025 8:22	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/16/2025 9:08	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8
7/23/2025 10:55	Zinc, Total	<	7.2	ug/L	7.2	EPA-200.8