

Cuyahoga River  
River Mile 11.30

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 8:00	Aluminum, Total		647	ug/L	45.8	EPA-200.8
8/6/2025 8:45	Aluminum, Total		499	ug/L	45.8	EPA-200.8
8/13/2025 10:07	Aluminum, Total		3210	ug/L	45.8	EPA-200.8
8/20/2025 9:40	Aluminum, Total		446	ug/L	45.8	EPA-200.8
8/27/2025 9:35	Aluminum, Total	J	141.5	ug/L	45.8	EPA-200.8
7/30/2025 8:00	Ammonia, Total	J	0.024	mg/L	0.024	EPA-350.1 (G)
8/6/2025 8:45	Ammonia, Total	J	0.036	mg/L	0.024	EPA-350.1 (G)
8/13/2025 10:07	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/20/2025 9:40	Ammonia, Total	J	0.045	mg/L	0.024	EPA-350.1 (G)
8/27/2025 9:35	Ammonia, Total		0.1335	mg/L	0.024	EPA-350.1 (G)
7/30/2025 8:00	Antimony, Total	J	0.291	ug/L	0.215	EPA-200.8
8/6/2025 8:45	Antimony, Total	J	0.217	ug/L	0.215	EPA-200.8
8/13/2025 10:07	Antimony, Total	J	0.419	ug/L	0.215	EPA-200.8
8/20/2025 9:40	Antimony, Total	J	0.339	ug/L	0.215	EPA-200.8
8/27/2025 9:35	Antimony, Total	J	0.318	ug/L	0.215	EPA-200.8
7/30/2025 8:00	Arsenic, Total	J	3.09	ug/L	0.585	EPA-200.8
8/6/2025 8:45	Arsenic, Total	J	2.7	ug/L	0.585	EPA-200.8
8/13/2025 10:07	Arsenic, Total	J	4.26	ug/L	0.585	EPA-200.8
8/20/2025 9:40	Arsenic, Total	J	2.45	ug/L	0.585	EPA-200.8
8/27/2025 9:35	Arsenic, Total	J	2.095	ug/L	0.585	EPA-200.8
7/30/2025 8:00	Barium, Total		38.3	ug/L	0.605	EPA-200.8
8/6/2025 8:45	Barium, Total		38.6	ug/L	0.605	EPA-200.8
8/13/2025 10:07	Barium, Total		62.3	ug/L	0.605	EPA-200.8
8/20/2025 9:40	Barium, Total		47.6	ug/L	0.605	EPA-200.8
8/27/2025 9:35	Barium, Total		50	ug/L	0.605	EPA-200.8
7/30/2025 8:00	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/6/2025 8:45	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/13/2025 10:07	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/20/2025 9:40	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/27/2025 9:35	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/30/2025 8:00	BOD, Total		2.1	mg/L	2	SM5210 B
8/6/2025 8:45	BOD, Total		2.9	mg/L	2	SM5210 B
8/13/2025 10:07	BOD, Total		4.3	mg/L	2	SM5210 B
8/20/2025 9:40	BOD, Total	<	2	mg/L	2	SM5210 B
8/27/2025 9:35	BOD, Total	<	2	mg/L	2	SM5210 B

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 8:00	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/6/2025 8:45	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/13/2025 10:07	Cadmium, Total	J	0.215	ug/L	0.19	EPA-200.8
8/20/2025 9:40	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/27/2025 9:35	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/30/2025 8:00	Calcium, Total		43700	ug/L	215	EPA-200.8
8/6/2025 8:45	Calcium, Total		46700	ug/L	215	EPA-200.8
8/13/2025 10:07	Calcium, Total		49200	ug/L	215	EPA-200.8
8/20/2025 9:40	Calcium, Total		60700	ug/L	215	EPA-200.8
8/27/2025 9:35	Calcium, Total		65000	ug/L	215	EPA-200.8
7/30/2025 8:00	Chloride		93	mg/L	0.387	EPA 300.0
8/6/2025 8:45	Chloride		93.4	mg/L	0.387	EPA 300.0
8/13/2025 10:07	Chloride		135	mg/L	0.387	EPA 300.0
8/20/2025 9:40	Chloride		148	mg/L	0.387	EPA 300.0
8/27/2025 9:35	Chloride		157	mg/L	0.387	EPA 300.0
7/30/2025 8:00	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/6/2025 8:45	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/13/2025 10:07	Chromium, Total	J	10.1	ug/L	6.85	EPA-200.8
8/20/2025 9:40	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/27/2025 9:35	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/30/2025 8:00	Cobalt, Total	J	0.869	ug/L	0.185	EPA-200.8
8/6/2025 8:45	Cobalt, Total	J	0.683	ug/L	0.185	EPA-200.8
8/13/2025 10:07	Cobalt, Total		3.23	ug/L	0.185	EPA-200.8
8/20/2025 9:40	Cobalt, Total	J	0.742	ug/L	0.185	EPA-200.8
8/27/2025 9:35	Cobalt, Total	J	0.412	ug/L	0.185	EPA-200.8
7/30/2025 8:00	COD, Total	J	21.6	mg/L	16.6	EPA 410.4
8/6/2025 8:45	COD, Total	J	18.7	mg/L	16.6	EPA 410.4
8/13/2025 10:07	COD, Total		37.3	mg/L	16.6	EPA 410.4
8/20/2025 9:40	COD, Total	J	20.8	mg/L	16.6	EPA 410.4
8/27/2025 9:35	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/30/2025 8:00	Conductivity		662	UMHOS/CM		SM 2510A
8/6/2025 8:45	Conductivity		601	UMHOS/CM		SM 2510A
8/13/2025 10:07	Conductivity		761	UMHOS/CM		SM 2510A
8/20/2025 9:40	Conductivity		867	UMHOS/CM		SM 2510A

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/27/2025 9:35	Conductivity		856	UMHOS/CM		SM 2510A
7/30/2025 8:00	Specific Conductance		649	UMHOS/CM		SM 2510B
8/6/2025 8:45	Specific Conductance		622	UMHOS/CM		SM 2510B
8/13/2025 10:07	Specific Conductance		767	UMHOS/CM		SM 2510B
8/20/2025 9:40	Specific Conductance		886	UMHOS/CM		SM 2510B
8/27/2025 9:35	Specific Conductance		973	UMHOS/CM		SM 2510B
7/30/2025 8:00	Copper, Total	J	5.71	ug/L	0.45	EPA-200.8
8/6/2025 8:45	Copper, Total	J	4.04	ug/L	0.45	EPA-200.8
8/13/2025 10:07	Copper, Total		12.7	ug/L	0.45	EPA-200.8
8/20/2025 9:40	Copper, Total	J	3.79	ug/L	0.45	EPA-200.8
8/27/2025 9:35	Copper, Total	J	3.4	ug/L	0.45	EPA-200.8
7/30/2025 8:00	Dissolved Oxygen		84	%		N/A
8/6/2025 8:45	Dissolved Oxygen		88	%		N/A
8/13/2025 10:07	Dissolved Oxygen		81	%		N/A
8/20/2025 9:40	Dissolved Oxygen		86	%		N/A
8/27/2025 9:35	Dissolved Oxygen		93	%		N/A
7/30/2025 8:00	Dissolved Oxygen		6.8	mg/L		SM 4500-O G
8/6/2025 8:45	Dissolved Oxygen		7.5	mg/L		SM 4500-O G
8/13/2025 10:07	Dissolved Oxygen		6.8	mg/L		SM 4500-O G
8/20/2025 9:40	Dissolved Oxygen		7.2	mg/L		SM 4500-O G
8/27/2025 9:35	Dissolved Oxygen		8.6	mg/L		SM 4500-O G
7/30/2025 8:00	Escherichia coli		649	MPN/100 mL	1	SM9223 Colilert
8/6/2025 8:45	Escherichia coli		270	MPN/100 mL	1	SM9223 Colilert
8/13/2025 10:07	Escherichia coli		43520	MPN/100 mL	1	SM9223 Colilert
8/20/2025 9:40	Escherichia coli		3550	MPN/100 mL	1	SM9223 Colilert
8/27/2025 9:35	Escherichia coli		520	MPN/100 mL	1	SM9223 Colilert
7/30/2025 8:00	Hardness, Total		151	mg/LCaCO3		EPA-200.8
8/6/2025 8:45	Hardness, Total		161	mg/LCaCO3		EPA-200.8
8/13/2025 10:07	Hardness, Total		171	mg/LCaCO3		EPA-200.8
8/20/2025 9:40	Hardness, Total		214	mg/LCaCO3		EPA-200.8
8/27/2025 9:35	Hardness, Total		229	mg/LCaCO3		EPA-200.8
7/30/2025 8:00	Iron, Total		1740	ug/L	168	EPA-200.8
8/6/2025 8:45	Iron, Total		1370	ug/L	168	EPA-200.8
8/13/2025 10:07	Iron, Total		5220	ug/L	168	EPA-200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/20/2025 9:40	Iron, Total		1300	ug/L	168	EPA-200.8
8/27/2025 9:35	Iron, Total		875	ug/L	168	EPA-200.8
7/30/2025 8:00	Lead, Total		2.31	ug/L	0.295	EPA-200.8
8/6/2025 8:45	Lead, Total	J	1.7	ug/L	0.295	EPA-200.8
8/13/2025 10:07	Lead, Total		10	ug/L	0.295	EPA-200.8
8/20/2025 9:40	Lead, Total	J	1.54	ug/L	0.295	EPA-200.8
8/27/2025 9:35	Lead, Total	J	0.7305	ug/L	0.295	EPA-200.8
7/30/2025 8:00	Magnesium, Total		10200	ug/L	41	EPA-200.8
8/6/2025 8:45	Magnesium, Total		10800	ug/L	41	EPA-200.8
8/13/2025 10:07	Magnesium, Total		11700	ug/L	41	EPA-200.8
8/20/2025 9:40	Magnesium, Total		15200	ug/L	41	EPA-200.8
8/27/2025 9:35	Magnesium, Total		16200	ug/L	41	EPA-200.8
7/30/2025 8:00	Manganese, Total		117	ug/L	0.335	EPA-200.8
8/6/2025 8:45	Manganese, Total		114	ug/L	0.335	EPA-200.8
8/13/2025 10:07	Manganese, Total		298	ug/L	0.335	EPA-200.8
8/20/2025 9:40	Manganese, Total		76.7	ug/L	0.335	EPA-200.8
8/27/2025 9:35	Manganese, Total		67.65	ug/L	0.335	EPA-200.8
7/30/2025 8:00	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/6/2025 8:45	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/13/2025 10:07	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/20/2025 9:40	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/27/2025 9:35	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/30/2025 8:00	Molybdenum, Total		2.36	ug/L	0.12	EPA-200.8
8/6/2025 8:45	Molybdenum, Total	J	1.99	ug/L	0.12	EPA-200.8
8/13/2025 10:07	Molybdenum, Total		2.67	ug/L	0.12	EPA-200.8
8/20/2025 9:40	Molybdenum, Total		2.98	ug/L	0.12	EPA-200.8
8/27/2025 9:35	Molybdenum, Total		2.94	ug/L	0.12	EPA-200.8
7/30/2025 8:00	Nickel, Total		3.43	ug/L	0.265	EPA-200.8
8/6/2025 8:45	Nickel, Total		2.57	ug/L	0.265	EPA-200.8
8/13/2025 10:07	Nickel, Total		8.4	ug/L	0.265	EPA-200.8
8/20/2025 9:40	Nickel, Total		2.9	ug/L	0.265	EPA-200.8
8/27/2025 9:35	Nickel, Total		2.49	ug/L	0.265	EPA-200.8
7/30/2025 8:00	Nitrite - Nitrate, Total		1.59	mg/L	0.024	ASTM D7781
8/6/2025 8:45	Nitrite - Nitrate, Total		1.99	mg/L	0.024	ASTM D7781

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8/13/2025 10:07	Nitrite - Nitrate, Total		2.42	mg/L	0.048	ASTM D7781
8/20/2025 9:40	Nitrite - Nitrate, Total		3.5	mg/L	0.048	ASTM D7781
8/27/2025 9:35	Nitrite - Nitrate, Total		3.935	mg/L	0.12	ASTM D7781
7/30/2025 8:00	pH		7.8	S.U.		N/A
8/6/2025 8:45	pH		7.6	S.U.		N/A
8/13/2025 10:07	pH		7.8	S.U.		N/A
8/20/2025 9:40	pH		8	S.U.		N/A
8/27/2025 9:35	pH		8	S.U.		N/A
7/30/2025 8:00	Phosphorus, Diss. Reactive		0.0445	mg/L	0.014	EPA 365.1
8/6/2025 8:45	Phosphorus, Diss. Reactive		0.0469	mg/L	0.014	EPA 365.1
8/13/2025 10:07	Phosphorus, Diss. Reactive		0.0343	mg/L	0.014	EPA 365.1
8/20/2025 9:40	Phosphorus, Diss. Reactive		0.0514	mg/L	0.014	EPA 365.1
8/27/2025 9:35	Phosphorus, Diss. Reactive		0.04655	mg/L	0.014	EPA 365.1
7/30/2025 8:00	Phosphorus, Total		0.118	mg/L	0.0135	EPA 365.1
8/6/2025 8:45	Phosphorus, Total		0.112	mg/L	0.0135	EPA 365.1
8/13/2025 10:07	Phosphorus, Total		0.264	mg/L	0.0135	EPA 365.1
8/20/2025 9:40	Phosphorus, Total		0.093	mg/L	0.0135	EPA 365.1
8/27/2025 9:35	Phosphorus, Total		0.0725	mg/L	0.0135	EPA 365.1
7/30/2025 8:00	Potassium, Total	J	4340	ug/L	735	EPA-200.8
8/6/2025 8:45	Potassium, Total	J	4550	ug/L	735	EPA-200.8
8/13/2025 10:07	Potassium, Total	J	5270	ug/L	735	EPA-200.8
8/20/2025 9:40	Potassium, Total	J	6190	ug/L	735	EPA-200.8
8/27/2025 9:35	Potassium, Total		6580	ug/L	735	EPA-200.8
7/30/2025 8:00	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/6/2025 8:45	Selenium, Total	<	0.109	ug/L	0.545	EPA-200.8
8/13/2025 10:07	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/20/2025 9:40	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/27/2025 9:35	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/30/2025 8:00	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/6/2025 8:45	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/13/2025 10:07	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/20/2025 9:40	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/27/2025 9:35	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/30/2025 8:00	Sodium, Total		53300	ug/L	130	EPA-200.8

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8/6/2025 8:45	Sodium, Total		55200	ug/L	130	EPA-200.8
8/13/2025 10:07	Sodium, Total		72800	ug/L	130	EPA-200.8
8/20/2025 9:40	Sodium, Total		92600	ug/L	130	EPA-200.8
8/27/2025 9:35	Sodium, Total		99350	ug/L	130	EPA-200.8
7/30/2025 8:00	Strontium, Total		182	ug/L	0.185	EPA-200.8
8/6/2025 8:45	Strontium, Total		185	ug/L	0.185	EPA-200.8
8/13/2025 10:07	Strontium, Total		240	ug/L	0.185	EPA-200.8
8/20/2025 9:40	Strontium, Total		297	ug/L	0.185	EPA-200.8
8/27/2025 9:35	Strontium, Total		292	ug/L	0.185	EPA-200.8
7/30/2025 8:00	Sulfate		35.2	mg/L	0.94	EPA 300.0
8/6/2025 8:45	Sulfate		34.6	mg/L	0.94	EPA 300.0
8/13/2025 10:07	Sulfate		46.9	mg/L	0.94	EPA 300.0
8/20/2025 9:40	Sulfate		62	mg/L	0.94	EPA 300.0
8/27/2025 9:35	Sulfate		62.2	mg/L	0.94	EPA 300.0
7/30/2025 8:00	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/6/2025 8:45	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/13/2025 10:07	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
8/20/2025 9:40	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/27/2025 9:35	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/30/2025 8:00	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/6/2025 8:45	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/13/2025 10:07	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/20/2025 9:40	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/27/2025 9:35	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/30/2025 8:00	Titanium, Total		10.3	ug/L	0.945	EPA-200.8
8/6/2025 8:45	Titanium, Total	J	8	ug/L	0.945	EPA-200.8
8/13/2025 10:07	Titanium, Total		54.6	ug/L	0.945	EPA-200.8
8/20/2025 9:40	Titanium, Total	J	7.14	ug/L	0.945	EPA-200.8
8/27/2025 9:35	Titanium, Total	J	3.53	ug/L	0.945	EPA-200.8
7/30/2025 8:00	Total Dissolved Solids		360	mg/L	5	SM2540 C
8/6/2025 8:45	Total Dissolved Solids		392	mg/L	5	SM2540 C
8/13/2025 10:07	Total Dissolved Solids		478	mg/L	5	SM2540 C
8/20/2025 9:40	Total Dissolved Solids		540	mg/L	5	SM2540 C
8/27/2025 9:35	Total Dissolved Solids		556	mg/L	5	SM2540 C

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7/30/2025 8:00	Total Kjeldahl Nitrogen		1.07	mg/L	0.342	EPA351.2 (G)
8/6/2025 8:45	Total Kjeldahl Nitrogen		0.972	mg/L	0.342	EPA351.2 (G)
8/13/2025 10:07	Total Kjeldahl Nitrogen		1.48	mg/L	0.342	EPA351.2 (G)
8/20/2025 9:40	Total Kjeldahl Nitrogen		0.803	mg/L	0.342	EPA351.2 (G)
8/27/2025 9:35	Total Kjeldahl Nitrogen		0.9495	mg/L	0.342	EPA351.2 (G)
7/30/2025 8:00	Total Solids		432	mg/L	18.8	SM2540 B
8/6/2025 8:45	Total Solids		418	mg/L	18.8	SM2540 B
8/13/2025 10:07	Total Solids		742	mg/L	18.8	SM2540 B
8/20/2025 9:40	Total Solids		608	mg/L	18.8	SM2540 B
8/27/2025 9:35	Total Solids		609	mg/L	18.8	SM2540 B
7/30/2025 8:00	Total Suspended Solids		70.8	mg/L	3.4	SM2540 D
8/6/2025 8:45	Total Suspended Solids		29	mg/L	1.7	SM2540 D
8/13/2025 10:07	Total Suspended Solids		277	mg/L	8.6	SM2540 D
8/20/2025 9:40	Total Suspended Solids		33.8	mg/L	1.6	SM2540 D
8/27/2025 9:35	Total Suspended Solids		11.3	mg/L	0.9	SM2540 D
7/30/2025 8:00	Turbidity		39.3	NTU	0.4	EPA 180.1
8/6/2025 8:45	Turbidity		17.4	NTU	0.4	EPA 180.1
8/13/2025 10:07	Turbidity		18.7	NTU	0.4	EPA 180.1
8/20/2025 9:40	Turbidity		20.6	NTU	0.4	EPA 180.1
8/27/2025 9:35	Turbidity		10.35	NTU	0.4	EPA 180.1
7/30/2025 8:00	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/6/2025 8:45	Vanadium, Total	J	9.29	ug/L	8.5	EPA-200.8
8/13/2025 10:07	Vanadium, Total	J	12.1	ug/L	8.5	EPA-200.8
8/20/2025 9:40	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/27/2025 9:35	Vanadium, Total	J	28.55	ug/L	8.5	EPA-200.8
7/30/2025 8:00	Water Temperature		26.15	°C		EPA 170.1
8/6/2025 8:45	Water Temperature		23.25	°C		EPA 170.1
8/13/2025 10:07	Water Temperature		24.6	°C		EPA 170.1
8/20/2025 9:40	Water Temperature		23.87	°C		EPA 170.1
8/27/2025 9:35	Water Temperature		18.74	°C		EPA 170.1
7/30/2025 8:00	Zinc, Total	J	14	ug/L	7.2	EPA-200.8
8/6/2025 8:45	Zinc, Total	J	12.8	ug/L	7.2	EPA-200.8
8/13/2025 10:07	Zinc, Total		46.6	ug/L	7.2	EPA-200.8
8/20/2025 9:40	Zinc, Total	J	13.5	ug/L	7.2	EPA-200.8
8/27/2025 9:35	Zinc, Total	J	13.6	ug/L	7.2	EPA-200.8