

Cuyahoga River  
River Mile 13.15

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 7:35	Aluminum, Total		520	ug/L	45.8	EPA-200.8
8/6/2025 7:35	Aluminum, Total		250	ug/L	45.8	EPA-200.8
8/13/2025 10:35	Aluminum, Total		1440	ug/L	45.8	EPA-200.8
8/20/2025 9:20	Aluminum, Total		723	ug/L	45.8	EPA-200.8
8/27/2025 9:10	Aluminum, Total	J	102	ug/L	45.8	EPA-200.8
7/30/2025 7:35	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/6/2025 7:35	Ammonia, Total		0.051	mg/L	0.024	EPA-350.1 (G)
8/13/2025 10:35	Ammonia, Total	<	0.024	mg/L	0.024	EPA-350.1 (G)
8/20/2025 9:20	Ammonia, Total		0.096	mg/L	0.024	EPA-350.1 (G)
8/27/2025 9:10	Ammonia, Total		0.054	mg/L	0.024	EPA-350.1 (G)
7/30/2025 7:35	Antimony, Total	J	0.276	ug/L	0.215	EPA-200.8
8/6/2025 7:35	Antimony, Total	<	0.215	ug/L	0.215	EPA-200.8
8/13/2025 10:35	Antimony, Total	J	0.347	ug/L	0.215	EPA-200.8
8/20/2025 9:20	Antimony, Total	J	0.381	ug/L	0.215	EPA-200.8
8/27/2025 9:10	Antimony, Total	J	0.268	ug/L	0.215	EPA-200.8
7/30/2025 7:35	Arsenic, Total	J	2.47	ug/L	0.585	EPA-200.8
8/6/2025 7:35	Arsenic, Total	J	2.38	ug/L	0.585	EPA-200.8
8/13/2025 10:35	Arsenic, Total	J	2.59	ug/L	0.585	EPA-200.8
8/20/2025 9:20	Arsenic, Total	J	3.52	ug/L	0.585	EPA-200.8
8/27/2025 9:10	Arsenic, Total	J	2.34	ug/L	0.585	EPA-200.8
7/30/2025 7:35	Barium, Total		38.4	ug/L	0.605	EPA-200.8
8/6/2025 7:35	Barium, Total		37.4	ug/L	0.605	EPA-200.8
8/13/2025 10:35	Barium, Total		50.6	ug/L	0.605	EPA-200.8
8/20/2025 9:20	Barium, Total		54.2	ug/L	0.605	EPA-200.8
8/27/2025 9:10	Barium, Total		41.7	ug/L	0.605	EPA-200.8
7/30/2025 7:35	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/6/2025 7:35	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/13/2025 10:35	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/20/2025 9:20	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/27/2025 9:10	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/30/2025 7:35	BOD, Total		2	mg/L	2	SM5210 B
8/6/2025 7:35	BOD, Total		2.9	mg/L	2	SM5210 B
8/13/2025 10:35	BOD, Total		3	mg/L	2	SM5210 B
8/20/2025 9:20	BOD, Total	<	2	mg/L	2	SM5210 B
8/27/2025 9:10	BOD, Total	<	2	mg/L	2	SM5210 B

Cuyahoga River  
River Mile 13.15

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 7:35	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/6/2025 7:35	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/13/2025 10:35	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/20/2025 9:20	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/27/2025 9:10	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/30/2025 7:35	Calcium, Total		41400	ug/L	215	EPA-200.8
8/6/2025 7:35	Calcium, Total		46700	ug/L	215	EPA-200.8
8/13/2025 10:35	Calcium, Total		51900	ug/L	215	EPA-200.8
8/20/2025 9:20	Calcium, Total		68700	ug/L	215	EPA-200.8
8/27/2025 9:10	Calcium, Total		62200	ug/L	215	EPA-200.8
7/30/2025 7:35	Chloride		92.6	mg/L	0.387	EPA 300.0
8/6/2025 7:35	Chloride		92.6	mg/L	0.387	EPA 300.0
8/13/2025 10:35	Chloride		122	mg/L	0.387	EPA 300.0
8/20/2025 9:20	Chloride		149	mg/L	0.387	EPA 300.0
8/27/2025 9:10	Chloride		157	mg/L	0.387	EPA 300.0
7/30/2025 7:35	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/6/2025 7:35	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/13/2025 10:35	Chromium, Total	J	6.91	ug/L	6.85	EPA-200.8
8/20/2025 9:20	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/27/2025 9:10	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/30/2025 7:35	Cobalt, Total	J	0.764	ug/L	0.185	EPA-200.8
8/6/2025 7:35	Cobalt, Total	J	0.492	ug/L	0.185	EPA-200.8
8/13/2025 10:35	Cobalt, Total	J	1.61	ug/L	0.185	EPA-200.8
8/20/2025 9:20	Cobalt, Total	J	1.11	ug/L	0.185	EPA-200.8
8/27/2025 9:10	Cobalt, Total	J	0.372	ug/L	0.185	EPA-200.8
7/30/2025 7:35	COD, Total	J	20.6	mg/L	16.6	EPA 410.4
8/6/2025 7:35	COD, Total	J	17	mg/L	16.6	EPA 410.4
8/13/2025 10:35	COD, Total	J	23.9	mg/L	16.6	EPA 410.4
8/20/2025 9:20	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
8/27/2025 9:10	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/30/2025 7:35	Conductivity		659	UMHOS/CM		SM 2510A
8/6/2025 7:35	Conductivity		598	UMHOS/CM		SM 2510A
8/13/2025 10:35	Conductivity		737	UMHOS/CM		SM 2510A
8/20/2025 9:20	Conductivity		887	UMHOS/CM		SM 2510A

Cuyahoga River  
River Mile 13.15

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/27/2025 9:10	Conductivity		851	UMHOS/CM		SM 2510A
7/30/2025 7:35	Specific Conductance		645	UMHOS/CM		SM 2510B
8/6/2025 7:35	Specific Conductance		619	UMHOS/CM		SM 2510B
8/13/2025 10:35	Specific Conductance		744	UMHOS/CM		SM 2510B
8/20/2025 9:20	Specific Conductance		905	UMHOS/CM		SM 2510B
8/27/2025 9:10	Specific Conductance		961	UMHOS/CM		SM 2510B
7/30/2025 7:35	Copper, Total	J	5.03	ug/L	0.45	EPA-200.8
8/6/2025 7:35	Copper, Total	J	3.66	ug/L	0.45	EPA-200.8
8/13/2025 10:35	Copper, Total	J	7.3	ug/L	0.45	EPA-200.8
8/20/2025 9:20	Copper, Total	J	4.88	ug/L	0.45	EPA-200.8
8/27/2025 9:10	Copper, Total	J	2.88	ug/L	0.45	EPA-200.8
7/30/2025 7:35	Dissolved Oxygen		84	%		N/A
8/6/2025 7:35	Dissolved Oxygen		88	%		N/A
8/13/2025 10:35	Dissolved Oxygen		85	%		N/A
8/20/2025 9:20	Dissolved Oxygen		86	%		N/A
8/27/2025 9:10	Dissolved Oxygen		91	%		N/A
7/30/2025 7:35	Dissolved Oxygen		6.8	mg/L		SM 4500-O G
8/6/2025 7:35	Dissolved Oxygen		7.5	mg/L		SM 4500-O G
8/13/2025 10:35	Dissolved Oxygen		7.1	mg/L		SM 4500-O G
8/20/2025 9:20	Dissolved Oxygen		7.2	mg/L		SM 4500-O G
8/27/2025 9:10	Dissolved Oxygen		8.4	mg/L		SM 4500-O G
7/30/2025 7:35	Escherichia coli		921	MPN/100 mL	1	SM9223 Colilert
8/6/2025 7:35	Escherichia coli		387	MPN/100 mL	1	SM9223 Colilert
8/13/2025 10:35	Escherichia coli		20140	MPN/100 mL	1	SM9223 Colilert
8/20/2025 9:20	Escherichia coli		15850	MPN/100 mL	1	SM9223 Colilert
8/27/2025 9:10	Escherichia coli		144	MPN/100 mL	1	SM9223 Colilert
7/30/2025 7:35	Hardness, Total		141	mg/LCaCO3		EPA-200.8
8/6/2025 7:35	Hardness, Total		160	mg/LCaCO3		EPA-200.8
8/13/2025 10:35	Hardness, Total		180	mg/LCaCO3		EPA-200.8
8/20/2025 9:20	Hardness, Total		242	mg/LCaCO3		EPA-200.8
8/27/2025 9:10	Hardness, Total		218	mg/LCaCO3		EPA-200.8
7/30/2025 7:35	Iron, Total		1460	ug/L	168	EPA-200.8
8/6/2025 7:35	Iron, Total		979	ug/L	168	EPA-200.8
8/13/2025 10:35	Iron, Total		2520	ug/L	168	EPA-200.8

Cuyahoga River  
River Mile 13.15

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8/20/2025 9:20	Iron, Total		1960	ug/L	168	EPA-200.8
8/27/2025 9:10	Iron, Total		682	ug/L	168	EPA-200.8
7/30/2025 7:35	Lead, Total		2.29	ug/L	0.295	EPA-200.8
8/6/2025 7:35	Lead, Total	J	1.31	ug/L	0.295	EPA-200.8
8/13/2025 10:35	Lead, Total		4.99	ug/L	0.295	EPA-200.8
8/20/2025 9:20	Lead, Total		2.32	ug/L	0.295	EPA-200.8
8/27/2025 9:10	Lead, Total	J	0.459	ug/L	0.295	EPA-200.8
7/30/2025 7:35	Magnesium, Total		9030	ug/L	41	EPA-200.8
8/6/2025 7:35	Magnesium, Total		10500	ug/L	41	EPA-200.8
8/13/2025 10:35	Magnesium, Total		12400	ug/L	41	EPA-200.8
8/20/2025 9:20	Magnesium, Total		17200	ug/L	41	EPA-200.8
8/27/2025 9:10	Magnesium, Total		15300	ug/L	41	EPA-200.8
7/30/2025 7:35	Manganese, Total		118	ug/L	0.335	EPA-200.8
8/6/2025 7:35	Manganese, Total		105	ug/L	0.335	EPA-200.8
8/13/2025 10:35	Manganese, Total		210	ug/L	0.335	EPA-200.8
8/20/2025 9:20	Manganese, Total		114	ug/L	0.335	EPA-200.8
8/27/2025 9:10	Manganese, Total		49.8	ug/L	0.335	EPA-200.8
7/30/2025 7:35	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/6/2025 7:35	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/13/2025 10:35	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/20/2025 9:20	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/27/2025 9:10	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/30/2025 7:35	Molybdenum, Total	J	1.98	ug/L	0.12	EPA-200.8
8/6/2025 7:35	Molybdenum, Total	J	1.62	ug/L	0.12	EPA-200.8
8/13/2025 10:35	Molybdenum, Total		2.12	ug/L	0.12	EPA-200.8
8/20/2025 9:20	Molybdenum, Total		3.38	ug/L	0.12	EPA-200.8
8/27/2025 9:10	Molybdenum, Total		2.38	ug/L	0.12	EPA-200.8
7/30/2025 7:35	Nickel, Total		3.1	ug/L	0.265	EPA-200.8
8/6/2025 7:35	Nickel, Total		2.06	ug/L	0.265	EPA-200.8
8/13/2025 10:35	Nickel, Total		4.43	ug/L	0.265	EPA-200.8
8/20/2025 9:20	Nickel, Total		3.8	ug/L	0.265	EPA-200.8
8/27/2025 9:10	Nickel, Total		2.07	ug/L	0.265	EPA-200.8
7/30/2025 7:35	Nitrite - Nitrate, Total		1.7	mg/L	0.024	ASTM D7781
8/6/2025 7:35	Nitrite - Nitrate, Total		1.91	mg/L	0.12	ASTM D7781

Cuyahoga River  
River Mile 13.15

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8/13/2025 10:35	Nitrite - Nitrate, Total		2.38	mg/L	0.048	ASTM D7781
8/20/2025 9:20	Nitrite - Nitrate, Total		3.36	mg/L	0.048	ASTM D7781
8/27/2025 9:10	Nitrite - Nitrate, Total		4.64	mg/L	0.12	ASTM D7781
7/30/2025 7:35	pH		7.8	S.U.		N/A
8/6/2025 7:35	pH		7.5	S.U.		N/A
8/13/2025 10:35	pH		7.9	S.U.		N/A
8/20/2025 9:20	pH		8	S.U.		N/A
8/27/2025 9:10	pH		8	S.U.		N/A
7/30/2025 7:35	Phosphorus, Diss. Reactive		0.0483	mg/L	0.014	EPA 365.1
8/6/2025 7:35	Phosphorus, Diss. Reactive		0.0485	mg/L	0.014	EPA 365.1
8/13/2025 10:35	Phosphorus, Diss. Reactive		0.0403	mg/L	0.014	EPA 365.1
8/20/2025 9:20	Phosphorus, Diss. Reactive		0.0539	mg/L	0.014	EPA 365.1
8/27/2025 9:10	Phosphorus, Diss. Reactive		0.0546	mg/L	0.014	EPA 365.1
7/30/2025 7:35	Phosphorus, Total		0.128	mg/L	0.0135	EPA 365.1
8/6/2025 7:35	Phosphorus, Total		0.105	mg/L	0.0135	EPA 365.1
8/13/2025 10:35	Phosphorus, Total		0.177	mg/L	0.0135	EPA 365.1
8/20/2025 9:20	Phosphorus, Total		0.109	mg/L	0.0135	EPA 365.1
8/27/2025 9:10	Phosphorus, Total		0.076	mg/L	0.0135	EPA 365.1
7/30/2025 7:35	Potassium, Total	J	4140	ug/L	735	EPA-200.8
8/6/2025 7:35	Potassium, Total	J	4470	ug/L	735	EPA-200.8
8/13/2025 10:35	Potassium, Total	J	5240	ug/L	735	EPA-200.8
8/20/2025 9:20	Potassium, Total		6850	ug/L	735	EPA-200.8
8/27/2025 9:10	Potassium, Total	J	6110	ug/L	735	EPA-200.8
7/30/2025 7:35	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/6/2025 7:35	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/13/2025 10:35	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/20/2025 9:20	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/27/2025 9:10	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
7/30/2025 7:35	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/6/2025 7:35	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/13/2025 10:35	Silver, Total	<	0.091	ug/L	0.455	EPA-200.8
8/20/2025 9:20	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/27/2025 9:10	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/30/2025 7:35	Sodium, Total		48300	ug/L	130	EPA-200.8

Cuyahoga River  
River Mile 13.15

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8/6/2025 7:35	Sodium, Total		55300	ug/L	130	EPA-200.8
8/13/2025 10:35	Sodium, Total		73800	ug/L	130	EPA-200.8
8/20/2025 9:20	Sodium, Total		104000	ug/L	130	EPA-200.8
8/27/2025 9:10	Sodium, Total		93300	ug/L	130	EPA-200.8
7/30/2025 7:35	Strontium, Total		161	ug/L	0.185	EPA-200.8
8/6/2025 7:35	Strontium, Total		182	ug/L	0.185	EPA-200.8
8/13/2025 10:35	Strontium, Total		247	ug/L	0.185	EPA-200.8
8/20/2025 9:20	Strontium, Total		331	ug/L	0.185	EPA-200.8
8/27/2025 9:10	Strontium, Total		258	ug/L	0.185	EPA-200.8
7/30/2025 7:35	Sulfate		34.8	mg/L	0.94	EPA 300.0
8/6/2025 7:35	Sulfate		34.2	mg/L	0.94	EPA 300.0
8/13/2025 10:35	Sulfate		50.6	mg/L	0.94	EPA 300.0
8/20/2025 9:20	Sulfate		61.5	mg/L	0.94	EPA 300.0
8/27/2025 9:10	Sulfate		61.9	mg/L	0.94	EPA 300.0
7/30/2025 7:35	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/6/2025 7:35	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
8/13/2025 10:35	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
8/20/2025 9:20	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/27/2025 9:10	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/30/2025 7:35	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/6/2025 7:35	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/13/2025 10:35	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/20/2025 9:20	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/27/2025 9:10	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/30/2025 7:35	Titanium, Total	J	8.19	ug/L	0.945	EPA-200.8
8/6/2025 7:35	Titanium, Total	J	4.69	ug/L	0.945	EPA-200.8
8/13/2025 10:35	Titanium, Total		35.3	ug/L	0.945	EPA-200.8
8/20/2025 9:20	Titanium, Total		11.2	ug/L	0.945	EPA-200.8
8/27/2025 9:10	Titanium, Total	J	2.62	ug/L	0.945	EPA-200.8
7/30/2025 7:35	Total Dissolved Solids		358	mg/L	5	SM2540 C
8/6/2025 7:35	Total Dissolved Solids		378	mg/L	5	SM2540 C
8/13/2025 10:35	Total Dissolved Solids		456	mg/L	5	SM2540 C
8/20/2025 9:20	Total Dissolved Solids		532	mg/L	5	SM2540 C
8/27/2025 9:10	Total Dissolved Solids		552	mg/L	5	SM2540 C

Cuyahoga River  
River Mile 13.15

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7/30/2025 7:35	Total Kjeldahl Nitrogen		0.944	mg/L	0.342	EPA351.2 (G)
8/6/2025 7:35	Total Kjeldahl Nitrogen		0.918	mg/L	0.342	EPA351.2 (G)
8/13/2025 10:35	Total Kjeldahl Nitrogen		1.18	mg/L	0.342	EPA351.2 (G)
8/20/2025 9:20	Total Kjeldahl Nitrogen		0.92	mg/L	0.342	EPA351.2 (G)
8/27/2025 9:10	Total Kjeldahl Nitrogen		0.858	mg/L	0.342	EPA351.2 (G)
7/30/2025 7:35	Total Solids		438	mg/L	18.8	SM2540 B
8/6/2025 7:35	Total Solids		406	mg/L	18.8	SM2540 B
8/13/2025 10:35	Total Solids		598	mg/L	18.8	SM2540 B
8/20/2025 9:20	Total Solids		606	mg/L	18.8	SM2540 B
8/27/2025 9:10	Total Solids		610	mg/L	18.8	SM2540 B
7/30/2025 7:35	Total Suspended Solids		64	mg/L	3.4	SM2540 D
8/6/2025 7:35	Total Suspended Solids		29.4	mg/L	1.7	SM2540 D
8/13/2025 10:35	Total Suspended Solids		143	mg/L	8.6	SM2540 D
8/20/2025 9:20	Total Suspended Solids		34.4	mg/L	1.7	SM2540 D
8/27/2025 9:10	Total Suspended Solids		7.2	mg/L	0.9	SM2540 D
7/30/2025 7:35	Turbidity		31.5	NTU	0.4	EPA 180.1
8/6/2025 7:35	Turbidity		22.6	NTU	0.4	EPA 180.1
8/13/2025 10:35	Turbidity		19.9	NTU	0.4	EPA 180.1
8/20/2025 9:20	Turbidity		28.3	NTU	0.4	EPA 180.1
8/27/2025 9:10	Turbidity		7	NTU	0.4	EPA 180.1
7/30/2025 7:35	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/6/2025 7:35	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/13/2025 10:35	Vanadium, Total	J	13.8	ug/L	8.5	EPA-200.8
8/20/2025 9:20	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/27/2025 9:10	Vanadium, Total	J	14.8	ug/L	8.5	EPA-200.8
7/30/2025 7:35	Water Temperature		26.13	°C		EPA 170.1
8/6/2025 7:35	Water Temperature		23.26	°C		EPA 170.1
8/13/2025 10:35	Water Temperature		24.51	°C		EPA 170.1
8/20/2025 9:20	Water Temperature		23.91	°C		EPA 170.1
8/27/2025 9:10	Water Temperature		18.98	°C		EPA 170.1
7/30/2025 7:35	Zinc, Total	J	12.8	ug/L	7.2	EPA-200.8
8/6/2025 7:35	Zinc, Total	J	10.7	ug/L	7.2	EPA-200.8
8/13/2025 10:35	Zinc, Total		29.8	ug/L	7.2	EPA-200.8
8/20/2025 9:20	Zinc, Total	J	18.7	ug/L	7.2	EPA-200.8
8/27/2025 9:10	Zinc, Total	J	12.1	ug/L	7.2	EPA-200.8