

Cuyahoga River
River Mile 10.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 8:55	Aluminum, Total		470	ug/L	45.8	EPA-200.8
8/6/2025 9:45	Aluminum, Total		332	ug/L	45.8	EPA-200.8
8/13/2025 8:55	Aluminum, Total		3270	ug/L	45.8	EPA-200.8
8/20/2025 10:45	Aluminum, Total		382	ug/L	45.8	EPA-200.8
8/27/2025 10:45	Aluminum, Total	J	103	ug/L	45.8	EPA-200.8
7/30/2025 8:55	Ammonia, Total	J	0.035	mg/L	0.024	EPA-350.1 (G)
8/6/2025 9:45	Ammonia, Total	J	0.037	mg/L	0.024	EPA-350.1 (G)
8/13/2025 8:55	Ammonia, Total		0.074	mg/L	0.024	EPA-350.1 (G)
8/20/2025 10:45	Ammonia, Total		0.061	mg/L	0.024	EPA-350.1 (G)
8/27/2025 10:45	Ammonia, Total		0.104	mg/L	0.024	EPA-350.1 (G)
7/30/2025 8:55	Antimony, Total	J	0.503	ug/L	0.215	EPA-200.8
8/6/2025 9:45	Antimony, Total	J	0.45	ug/L	0.215	EPA-200.8
8/13/2025 8:55	Antimony, Total	J	0.545	ug/L	0.215	EPA-200.8
8/20/2025 10:45	Antimony, Total	J	0.62	ug/L	0.215	EPA-200.8
8/27/2025 10:45	Antimony, Total	J	0.528	ug/L	0.215	EPA-200.8
7/30/2025 8:55	Arsenic, Total	J	2.27	ug/L	0.585	EPA-200.8
8/6/2025 9:45	Arsenic, Total	J	3	ug/L	0.585	EPA-200.8
8/13/2025 8:55	Arsenic, Total	J	4.3	ug/L	0.585	EPA-200.8
8/20/2025 10:45	Arsenic, Total	J	2.84	ug/L	0.585	EPA-200.8
8/27/2025 10:45	Arsenic, Total	J	2.66	ug/L	0.585	EPA-200.8
7/30/2025 8:55	Barium, Total		36.8	ug/L	0.605	EPA-200.8
8/6/2025 9:45	Barium, Total		37.4	ug/L	0.605	EPA-200.8
8/13/2025 8:55	Barium, Total		60.5	ug/L	0.605	EPA-200.8
8/20/2025 10:45	Barium, Total		46.4	ug/L	0.605	EPA-200.8
8/27/2025 10:45	Barium, Total		40.2	ug/L	0.605	EPA-200.8
7/30/2025 8:55	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/6/2025 9:45	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/13/2025 8:55	Beryllium, Total	J	0.204	ug/L	0.2	EPA-200.8
8/20/2025 10:45	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
8/27/2025 10:45	Beryllium, Total	<	0.2	ug/L	0.2	EPA-200.8
7/30/2025 8:55	BOD, Total		2.1	mg/L	2	SM5210 B
8/6/2025 9:45	BOD, Total		2.4	mg/L	2	SM5210 B
8/13/2025 8:55	BOD, Total		3.6	mg/L	2	SM5210 B
8/20/2025 10:45	BOD, Total		2.2	mg/L	2	SM5210 B
8/27/2025 10:45	BOD, Total	<	2	mg/L	2	SM5210 B

Cuyahoga River
River Mile 10.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 8:55	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/6/2025 9:45	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/13/2025 8:55	Cadmium, Total	J	0.204	ug/L	0.19	EPA-200.8
8/20/2025 10:45	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
8/27/2025 10:45	Cadmium, Total	<	0.19	ug/L	0.19	EPA-200.8
7/30/2025 8:55	Calcium, Total		46000	ug/L	215	EPA-200.8
8/6/2025 9:45	Calcium, Total		50000	ug/L	215	EPA-200.8
8/13/2025 8:55	Calcium, Total		50800	ug/L	215	EPA-200.8
8/20/2025 10:45	Calcium, Total		64600	ug/L	215	EPA-200.8
8/27/2025 10:45	Calcium, Total		61000	ug/L	215	EPA-200.8
7/30/2025 8:55	Chloride		104	mg/L	0.387	EPA 300.0
8/6/2025 9:45	Chloride		106	mg/L	0.387	EPA 300.0
8/13/2025 8:55	Chloride		125	mg/L	0.387	EPA 300.0
8/20/2025 10:45	Chloride		144	mg/L	0.387	EPA 300.0
8/27/2025 10:45	Chloride		153	mg/L	0.387	EPA 300.0
7/30/2025 8:55	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/6/2025 9:45	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/13/2025 8:55	Chromium, Total	J	9.22	ug/L	6.85	EPA-200.8
8/20/2025 10:45	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
8/27/2025 10:45	Chromium, Total	<	6.85	ug/L	6.85	EPA-200.8
7/30/2025 8:55	Cobalt, Total	J	0.715	ug/L	0.185	EPA-200.8
8/6/2025 9:45	Cobalt, Total	J	0.546	ug/L	0.185	EPA-200.8
8/13/2025 8:55	Cobalt, Total		3.25	ug/L	0.185	EPA-200.8
8/20/2025 10:45	Cobalt, Total	J	0.775	ug/L	0.185	EPA-200.8
8/27/2025 10:45	Cobalt, Total	J	0.43	ug/L	0.185	EPA-200.8
7/30/2025 8:55	COD, Total	J	18.6	mg/L	16.6	EPA 410.4
8/6/2025 9:45	COD, Total	J	18	mg/L	16.6	EPA 410.4
8/13/2025 8:55	COD, Total		39.6	mg/L	16.6	EPA 410.4
8/20/2025 10:45	COD, Total	J	20.9	mg/L	16.6	EPA 410.4
8/27/2025 10:45	COD, Total	<	16.6	mg/L	16.6	EPA 410.4
7/30/2025 8:55	Conductivity		719	UMHOS/CM		SM 2510A
8/6/2025 9:45	Conductivity		674	UMHOS/CM		SM 2510A
8/13/2025 8:55	Conductivity		762	UMHOS/CM		SM 2510A
8/20/2025 10:45	Conductivity		855	UMHOS/CM		SM 2510A

Cuyahoga River
River Mile 10.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/27/2025 10:45	Conductivity		840	UMHOS/CM		SM 2510A
7/30/2025 8:55	Specific Conductance		711	UMHOS/CM		SM 2510B
8/6/2025 9:45	Specific Conductance		673	UMHOS/CM		SM 2510B
8/13/2025 8:55	Specific Conductance		770	UMHOS/CM		SM 2510B
8/20/2025 10:45	Specific Conductance		877	UMHOS/CM		SM 2510B
8/27/2025 10:45	Specific Conductance		938	UMHOS/CM		SM 2510B
7/30/2025 8:55	Copper, Total	J	5.38	ug/L	0.45	EPA-200.8
8/6/2025 9:45	Copper, Total	J	4.51	ug/L	0.45	EPA-200.8
8/13/2025 8:55	Copper, Total		11	ug/L	0.45	EPA-200.8
8/20/2025 10:45	Copper, Total	J	4.36	ug/L	0.45	EPA-200.8
8/27/2025 10:45	Copper, Total	J	3.75	ug/L	0.45	EPA-200.8
7/30/2025 8:55	Dissolved Oxygen		87	%		N/A
8/6/2025 9:45	Dissolved Oxygen		91	%		N/A
8/13/2025 8:55	Dissolved Oxygen		84	%		N/A
8/20/2025 10:45	Dissolved Oxygen		87	%		N/A
8/27/2025 10:45	Dissolved Oxygen		95	%		N/A
7/30/2025 8:55	Dissolved Oxygen		7.1	mg/L		SM 4500-O G
8/6/2025 9:45	Dissolved Oxygen		7.8	mg/L		SM 4500-O G
8/13/2025 8:55	Dissolved Oxygen		7	mg/L		SM 4500-O G
8/20/2025 10:45	Dissolved Oxygen		7.4	mg/L		SM 4500-O G
8/27/2025 10:45	Dissolved Oxygen		8.7	mg/L		SM 4500-O G
7/30/2025 8:55	Escherichia coli		326	MPN/100 mL	1	SM9223 Colilert
8/6/2025 9:45	Escherichia coli		249	MPN/100 mL	1	SM9223 Colilert
8/13/2025 8:55	Escherichia coli		15760	MPN/100 mL	1	SM9223 Colilert
8/20/2025 10:45	Escherichia coli		2420	MPN/100 mL	1	SM9223 Colilert
8/27/2025 10:45	Escherichia coli		365	MPN/100 mL	1	SM9223 Colilert
7/30/2025 8:55	Hardness, Total		157	mg/LCaCO3		EPA-200.8
8/6/2025 9:45	Hardness, Total		173	mg/LCaCO3		EPA-200.8
8/13/2025 8:55	Hardness, Total		178	mg/LCaCO3		EPA-200.8
8/20/2025 10:45	Hardness, Total		227	mg/LCaCO3		EPA-200.8
8/27/2025 10:45	Hardness, Total		217	mg/LCaCO3		EPA-200.8
7/30/2025 8:55	Iron, Total		1250	ug/L	168	EPA-200.8
8/6/2025 9:45	Iron, Total		1080	ug/L	168	EPA-200.8
8/13/2025 8:55	Iron, Total		5520	ug/L	168	EPA-200.8

Cuyahoga River
River Mile 10.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/20/2025 10:45	Iron, Total		1170	ug/L	168	EPA-200.8
8/27/2025 10:45	Iron, Total		757	ug/L	168	EPA-200.8
7/30/2025 8:55	Lead, Total		2.01	ug/L	0.295	EPA-200.8
8/6/2025 9:45	Lead, Total	J	1.29	ug/L	0.295	EPA-200.8
8/13/2025 8:55	Lead, Total		9.29	ug/L	0.295	EPA-200.8
8/20/2025 10:45	Lead, Total	J	1.57	ug/L	0.295	EPA-200.8
8/27/2025 10:45	Lead, Total	J	0.649	ug/L	0.295	EPA-200.8
7/30/2025 8:55	Magnesium, Total		10200	ug/L	41	EPA-200.8
8/6/2025 9:45	Magnesium, Total		11700	ug/L	41	EPA-200.8
8/13/2025 8:55	Magnesium, Total		12400	ug/L	41	EPA-200.8
8/20/2025 10:45	Magnesium, Total		16000	ug/L	41	EPA-200.8
8/27/2025 10:45	Magnesium, Total		15600	ug/L	41	EPA-200.8
7/30/2025 8:55	Manganese, Total		96	ug/L	0.335	EPA-200.8
8/6/2025 9:45	Manganese, Total		90.4	ug/L	0.335	EPA-200.8
8/13/2025 8:55	Manganese, Total		314	ug/L	0.335	EPA-200.8
8/20/2025 10:45	Manganese, Total		70.1	ug/L	0.335	EPA-200.8
8/27/2025 10:45	Manganese, Total		51.1	ug/L	0.335	EPA-200.8
7/30/2025 8:55	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/6/2025 9:45	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/13/2025 8:55	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/20/2025 10:45	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
8/27/2025 10:45	Mercury, Total	<	0.026	ug/L	0.026	EPA 245.1
7/30/2025 8:55	Molybdenum, Total		2.72	ug/L	0.12	EPA-200.8
8/6/2025 9:45	Molybdenum, Total		2.75	ug/L	0.12	EPA-200.8
8/13/2025 8:55	Molybdenum, Total		3.24	ug/L	0.12	EPA-200.8
8/20/2025 10:45	Molybdenum, Total		3.91	ug/L	0.12	EPA-200.8
8/27/2025 10:45	Molybdenum, Total		3.54	ug/L	0.12	EPA-200.8
7/30/2025 8:55	Nickel, Total		3.09	ug/L	0.265	EPA-200.8
8/6/2025 9:45	Nickel, Total		2.78	ug/L	0.265	EPA-200.8
8/13/2025 8:55	Nickel, Total		8.69	ug/L	0.265	EPA-200.8
8/20/2025 10:45	Nickel, Total		3.32	ug/L	0.265	EPA-200.8
8/27/2025 10:45	Nickel, Total		2.57	ug/L	0.265	EPA-200.8
7/30/2025 8:55	Nitrite - Nitrate, Total		2.58	mg/L	0.12	ASTM D7781
8/6/2025 9:45	Nitrite - Nitrate, Total		3.08	mg/L	0.12	ASTM D7781

Cuyahoga River
River Mile 10.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/13/2025 8:55	Nitrite - Nitrate, Total		4.01	mg/L	0.12	ASTM D7781
8/20/2025 10:45	Nitrite - Nitrate, Total		4.12	mg/L	0.12	ASTM D7781
8/27/2025 10:45	Nitrite - Nitrate, Total		4.78	mg/L	0.12	ASTM D7781
7/30/2025 8:55	pH		7.7	S.U.		N/A
8/6/2025 9:45	pH		7.8	S.U.		N/A
8/13/2025 8:55	pH		8.4	S.U.		N/A
8/20/2025 10:45	pH		7.8	S.U.		N/A
8/27/2025 10:45	pH		7.9	S.U.		N/A
7/30/2025 8:55	Phosphorus, Diss. Reactive		0.0709	mg/L	0.014	EPA 365.1
8/6/2025 9:45	Phosphorus, Diss. Reactive		0.135	mg/L	0.014	EPA 365.1
8/13/2025 8:55	Phosphorus, Diss. Reactive		0.0633	mg/L	0.014	EPA 365.1
8/20/2025 10:45	Phosphorus, Diss. Reactive		0.124	mg/L	0.014	EPA 365.1
8/27/2025 10:45	Phosphorus, Diss. Reactive		0.0924	mg/L	0.014	EPA 365.1
7/30/2025 8:55	Phosphorus, Total		0.145	mg/L	0.0135	EPA 365.1
8/6/2025 9:45	Phosphorus, Total		0.173	mg/L	0.0135	EPA 365.1
8/13/2025 8:55	Phosphorus, Total		0.324	mg/L	0.0135	EPA 365.1
8/20/2025 10:45	Phosphorus, Total		0.168	mg/L	0.0135	EPA 365.1
8/27/2025 10:45	Phosphorus, Total		0.119	mg/L	0.0135	EPA 365.1
7/30/2025 8:55	Potassium, Total	J	5190	ug/L	735	EPA-200.8
8/6/2025 9:45	Potassium, Total	J	5780	ug/L	735	EPA-200.8
8/13/2025 8:55	Potassium, Total	J	5780	ug/L	735	EPA-200.8
8/20/2025 10:45	Potassium, Total		7220	ug/L	735	EPA-200.8
8/27/2025 10:45	Potassium, Total		6890	ug/L	735	EPA-200.8
7/30/2025 8:55	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/6/2025 9:45	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/13/2025 8:55	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/20/2025 10:45	Selenium, Total	<	0.545	ug/L	0.545	EPA-200.8
8/27/2025 10:45	Selenium, Total	J	0.603	ug/L	0.545	EPA-200.8
7/30/2025 8:55	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/6/2025 9:45	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/13/2025 8:55	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/20/2025 10:45	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
8/27/2025 10:45	Silver, Total	<	0.455	ug/L	0.455	EPA-200.8
7/30/2025 8:55	Sodium, Total		60000	ug/L	130	EPA-200.8

Cuyahoga River
River Mile 10.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
8/6/2025 9:45	Sodium, Total		68100	ug/L	130	EPA-200.8
8/13/2025 8:55	Sodium, Total		67600	ug/L	130	EPA-200.8
8/20/2025 10:45	Sodium, Total		101000	ug/L	130	EPA-200.8
8/27/2025 10:45	Sodium, Total		98800	ug/L	130	EPA-200.8
7/30/2025 8:55	Strontium, Total		195	ug/L	0.185	EPA-200.8
8/6/2025 9:45	Strontium, Total		219	ug/L	0.185	EPA-200.8
8/13/2025 8:55	Strontium, Total		225	ug/L	0.185	EPA-200.8
8/20/2025 10:45	Strontium, Total		326	ug/L	0.185	EPA-200.8
8/27/2025 10:45	Strontium, Total		288	ug/L	0.185	EPA-200.8
7/30/2025 8:55	Sulfate		42.8	mg/L	0.94	EPA 300.0
8/6/2025 9:45	Sulfate		42.6	mg/L	0.94	EPA 300.0
8/13/2025 8:55	Sulfate		51.9	mg/L	0.94	EPA 300.0
8/20/2025 10:45	Sulfate		61.1	mg/L	0.94	EPA 300.0
8/27/2025 10:45	Sulfate		62.9	mg/L	0.94	EPA 300.0
7/30/2025 8:55	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/6/2025 9:45	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/13/2025 8:55	Thallium, Total	<	0.284	ug/L	1.42	EPA-200.8
8/20/2025 10:45	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
8/27/2025 10:45	Thallium, Total	<	1.42	ug/L	1.42	EPA-200.8
7/30/2025 8:55	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/6/2025 9:45	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/13/2025 8:55	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/20/2025 10:45	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
8/27/2025 10:45	Tin, Total	<	5.61	ug/L	5.61	EPA-200.8
7/30/2025 8:55	Titanium, Total	J	7.91	ug/L	0.945	EPA-200.8
8/6/2025 9:45	Titanium, Total	J	5.96	ug/L	0.945	EPA-200.8
8/13/2025 8:55	Titanium, Total		114	ug/L	0.945	EPA-200.8
8/20/2025 10:45	Titanium, Total	J	6.58	ug/L	0.945	EPA-200.8
8/27/2025 10:45	Titanium, Total	J	2.77	ug/L	0.945	EPA-200.8
7/30/2025 8:55	Total Dissolved Solids		382	mg/L	5	SM2540 C
8/6/2025 9:45	Total Dissolved Solids		430	mg/L	5	SM2540 C
8/13/2025 8:55	Total Dissolved Solids		458	mg/L	5	SM2540 C
8/20/2025 10:45	Total Dissolved Solids		504	mg/L	5	SM2540 C
8/27/2025 10:45	Total Dissolved Solids		536	mg/L	5	SM2540 C

Cuyahoga River
River Mile 10.10

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/30/2025 8:55	Total Kjeldahl Nitrogen		0.956	mg/L	0.342	EPA351.2 (G)
8/6/2025 9:45	Total Kjeldahl Nitrogen		0.818	mg/L	0.342	EPA351.2 (G)
8/13/2025 8:55	Total Kjeldahl Nitrogen		1.66	mg/L	0.342	EPA351.2 (G)
8/20/2025 10:45	Total Kjeldahl Nitrogen		0.779	mg/L	0.342	EPA351.2 (G)
8/27/2025 10:45	Total Kjeldahl Nitrogen		0.852	mg/L	0.342	EPA351.2 (G)
7/30/2025 8:55	Total Solids		430	mg/L	18.8	SM2540 B
8/6/2025 9:45	Total Solids		464	mg/L	18.8	SM2540 B
8/13/2025 8:55	Total Solids		610	mg/L	18.8	SM2540 B
8/20/2025 10:45	Total Solids		562	mg/L	18.8	SM2540 B
8/27/2025 10:45	Total Solids		588	mg/L	18.8	SM2540 B
7/30/2025 8:55	Total Suspended Solids		44.3	mg/L	2.4	SM2540 D
8/6/2025 9:45	Total Suspended Solids		24	mg/L	1.7	SM2540 D
8/13/2025 8:55	Total Suspended Solids		161	mg/L	5.7	SM2540 D
8/20/2025 10:45	Total Suspended Solids		22.7	mg/L	1.1	SM2540 D
8/27/2025 10:45	Total Suspended Solids		7.2	mg/L	0.9	SM2540 D
7/30/2025 8:55	Turbidity		32.1	NTU	0.4	EPA 180.1
8/6/2025 9:45	Turbidity		14.6	NTU	0.4	EPA 180.1
8/13/2025 8:55	Turbidity		14.1	NTU	0.4	EPA 180.1
8/20/2025 10:45	Turbidity		20.5	NTU	0.4	EPA 180.1
8/27/2025 10:45	Turbidity		6.7	NTU	0.4	EPA 180.1
7/30/2025 8:55	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/6/2025 9:45	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/13/2025 8:55	Vanadium, Total	J	15.2	ug/L	8.5	EPA-200.8
8/20/2025 10:45	Vanadium, Total	<	8.5	ug/L	8.5	EPA-200.8
8/27/2025 10:45	Vanadium, Total	J	14	ug/L	8.5	EPA-200.8
7/30/2025 8:55	Water Temperature		25.56	°C		EPA 170.1
8/6/2025 9:45	Water Temperature		23.16	°C		EPA 170.1
8/13/2025 8:55	Water Temperature		24.5	°C		EPA 170.1
8/20/2025 10:45	Water Temperature		23.7	°C		EPA 170.1
8/27/2025 10:45	Water Temperature		19.51	°C		EPA 170.1
7/30/2025 8:55	Zinc, Total	J	12.9	ug/L	7.2	EPA-200.8
8/6/2025 9:45	Zinc, Total	J	15.9	ug/L	7.2	EPA-200.8
8/13/2025 8:55	Zinc, Total		48.8	ug/L	7.2	EPA-200.8
8/20/2025 10:45	Zinc, Total	J	15.8	ug/L	7.2	EPA-200.8
8/27/2025 10:45	Zinc, Total	J	14	ug/L	7.2	EPA-200.8