

Cuyahoga River River Mile 16.20					
Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 11:35	Ag	<	0.12	ug/L	EPA-200.7
8/10/2011 10:38	Ag	<	0.12	ug/L	EPA-200.7
8/17/2011 11:15	Ag	<	0.12	ug/L	EPA-200.7
8/23/2011 9:25	Ag	<	0.12	ug/L	EPA-200.7
8/31/2011 11:00	Ag	<	0.12	ug/L	EPA-200.7
9/7/2011 10:38	Ag	<	0.12	ug/L	EPA-200.7
6/22/2011 11:35	Al		1195	ug/L	EPA-200.7
8/10/2011 10:38	Al		1775	ug/L	EPA-200.7
8/17/2011 11:15	Al		669.6	ug/L	EPA-200.7
8/23/2011 9:25	Al		179.5	ug/L	EPA-200.7
8/31/2011 11:00	Al		127.6	ug/L	EPA-200.7
9/7/2011 10:38	Al		1138.5	ug/L	EPA-200.7
6/22/2011 11:35	Alkalinity		122.3	mg/LCaCO3	EPA-310.2
8/10/2011 10:38	Alkalinity		93.5	mg/LCaCO3	EPA-310.2
8/17/2011 11:15	Alkalinity		125.3	mg/LCaCO3	EPA-310.2
8/23/2011 9:25	Alkalinity		136.7	mg/LCaCO3	EPA-310.2
8/31/2011 11:00	Alkalinity		142.5	mg/LCaCO3	EPA-310.2
9/7/2011 10:38	Alkalinity		122.9	mg/LCaCO3	EPA-310.2
6/22/2011 11:35	As	j	1.77	ug/L	EPA-200.7
8/10/2011 10:38	As		3.43	ug/L	EPA-200.7
8/17/2011 11:15	As		3.41	ug/L	EPA-200.7
8/23/2011 9:25	As		2.01	ug/L	EPA-200.7
8/31/2011 11:00	As		2.6	ug/L	EPA-200.7
9/7/2011 10:38	As	j	1.4875	ug/L	EPA-200.7
6/22/2011 11:35	Ba		57.9	ug/L	EPA-200.7
8/10/2011 10:38	Ba		43.4	ug/L	EPA-200.7
8/17/2011 11:15	Ba		48	ug/L	EPA-200.7
8/23/2011 9:25	Ba		47.4	ug/L	EPA-200.7
8/31/2011 11:00	Ba		57.1	ug/L	EPA-200.7
9/7/2011 10:38	Ba		52.05	ug/L	EPA-200.7
6/22/2011 11:35	Be	<	0.12	ug/L	EPA-200.7
8/10/2011 10:38	Be	<	0.12	ug/L	EPA-200.7
8/17/2011 11:15	Be	<	0.12	ug/L	EPA-200.7
8/23/2011 9:25	Be	<	0.12	ug/L	EPA-200.7
8/31/2011 11:00	Be	<	0.12	ug/L	EPA-200.7
9/7/2011 10:38	Be	<	0.12	ug/L	EPA-200.7
6/22/2011 11:35	BOD	<	2	mg/L	SM 5210
8/10/2011 10:38	BOD		2.7	mg/L	SM 5210
8/17/2011 11:15	BOD	<	2	mg/L	SM 5210
8/23/2011 9:25	BOD	<	2	mg/L	SM 5210

Cuyahoga River River Mile 16.20					
Sample Date	Parameter	Code	Result	Units	Method
8/31/2011 11:00	BOD	<	2	mg/L	SM 5210
6/22/2011 11:35	Ca		66800	ug/L	EPA-200.7
8/10/2011 10:38	Ca		42420	ug/L	EPA-200.7
8/17/2011 11:15	Ca		62950	ug/L	EPA-200.7
8/23/2011 9:25	Ca		66150	ug/L	EPA-200.7
8/31/2011 11:00	Ca		82140	ug/L	EPA-200.7
9/7/2011 10:38	Ca		61525	ug/L	EPA-200.7
6/22/2011 11:35	CaCO3		226	mg/LCaCO3	EPA-200.7
8/10/2011 10:38	CaCO3		149	mg/LCaCO3	EPA-200.7
8/17/2011 11:15	CaCO3		214	mg/LCaCO3	EPA-200.7
8/23/2011 9:25	CaCO3		226	mg/LCaCO3	EPA-200.7
8/31/2011 11:00	CaCO3		279	mg/LCaCO3	EPA-200.7
9/7/2011 10:38	CaCO3		214.5	mg/LCaCO3	EPA-200.7
6/22/2011 11:35	Cd	j	0.02	ug/L	EPA-200.7
8/10/2011 10:38	Cd	j	0.08	ug/L	EPA-200.7
8/17/2011 11:15	Cd	j	0.11	ug/L	EPA-200.7
8/23/2011 9:25	Cd	j	0.04	ug/L	EPA-200.7
8/31/2011 11:00	Cd	j	0.045	ug/L	EPA-200.7
9/7/2011 10:38	Cd	j	0.0825	ug/L	EPA-200.7
6/22/2011 11:35	Chloride		134.8	mg/L	EPA 300.0
8/10/2011 10:38	Chloride		89	mg/L	SM 4500-Cl C
8/17/2011 11:15	Chloride		112	mg/L	SM 4500-Cl C
8/23/2011 9:25	Chloride		167	mg/L	SM 4500-Cl C
8/31/2011 11:00	Chloride		160	mg/L	SM 4500-Cl C
9/7/2011 10:38	Chloride		130.5	mg/L	SM 4500-Cl C
6/22/2011 11:35	Co		1.29	ug/L	EPA-200.7
8/10/2011 10:38	Co		1.56	ug/L	EPA-200.7
8/17/2011 11:15	Co		1.18	ug/L	EPA-200.7
8/23/2011 9:25	Co	j	0.51	ug/L	EPA-200.7
8/31/2011 11:00	Co	j	0.325	ug/L	EPA-200.7
9/7/2011 10:38	Co	j	0.5625	ug/L	EPA-200.7
6/22/2011 11:35	COD		12	mg/L	EPA 410.4
8/10/2011 10:38	COD		17	mg/L	EPA 410.4
8/17/2011 11:15	COD		21	mg/L	EPA 410.4
8/23/2011 9:25	COD		15	mg/L	EPA 410.4
8/31/2011 11:00	COD		11	mg/L	EPA 410.4
9/7/2011 10:38	COD		16	mg/L	EPA 410.4
6/22/2011 11:35	Cr	j	1.9	ug/L	EPA-200.7
8/10/2011 10:38	Cr		3.505	ug/L	EPA-200.7

Cuyahoga River River Mile 16.20					
Sample Date	Parameter	Code	Result	Units	Method
8/17/2011 11:15	Cr	j	1.24	ug/L	EPA-200.7
8/23/2011 9:25	Cr	j	0.52	ug/L	EPA-200.7
8/31/2011 11:00	Cr	j	0.485	ug/L	EPA-200.7
9/7/2011 10:38	Cr		2.095	ug/L	EPA-200.7
6/22/2011 11:35	Cr+6	j	2.806	ug/L	SM 3500-Cr-D
8/10/2011 10:38	Cr+6	j	1.894	ug/L	SM 3500-Cr-D
8/17/2011 11:15	Cr+6	j	1.497	ug/L	SM 3500-Cr-D
8/23/2011 9:25	Cr+6	<	1	ug/L	SM 3500-Cr-D
8/31/2011 11:00	Cr+6	j	1.455	ug/L	SM 3500-Cr-D
9/7/2011 10:38	Cr+6	j	1.9685	ug/L	SM 3500-Cr-D
6/22/2011 11:35	Cu		6.21	ug/L	EPA-200.7
8/10/2011 10:38	Cu		7.99	ug/L	EPA-200.7
8/17/2011 11:15	Cu		6.28	ug/L	EPA-200.7
8/23/2011 9:25	Cu		4.68	ug/L	EPA-200.7
8/31/2011 11:00	Cu		3.26	ug/L	EPA-200.7
9/7/2011 10:38	Cu		4.595	ug/L	EPA-200.7
6/22/2011 11:35	E. coli		2250	cfu/100mL	EPA 1603
8/10/2011 10:38	E. coli		3700	cfu/100mL	EPA 1603
8/17/2011 11:15	E. coli		640	cfu/100mL	EPA 1603
8/23/2011 9:25	E. coli	EC	205	cfu/100mL	EPA 1603
8/31/2011 11:00	E. coli	EC	188	cfu/100mL	EPA 1603
9/7/2011 10:38	E. coli		1312.5	cfu/100mL	EPA 1603
6/22/2011 11:35	Fe		2396	ug/L	EPA-200.7
8/10/2011 10:38	Fe		3767	ug/L	EPA-200.7
8/17/2011 11:15	Fe		1994	ug/L	EPA-200.7
8/23/2011 9:25	Fe		612.5	ug/L	EPA-200.7
8/31/2011 11:00	Fe		428.5	ug/L	EPA-200.7
6/22/2011 11:35	Field Cond		813	uS/cm	SM 2510A
8/10/2011 10:38	Field Cond		547	uS/cm	SM 2510A
8/17/2011 11:15	Field Cond		711	uS/cm	SM 2510A
8/23/2011 9:25	Field Cond		815	uS/cm	SM 2510A
8/31/2011 11:00	Field Cond		892	uS/cm	SM 2510A
9/7/2011 10:38	Field Cond		723	uS/cm	SM 2510A
8/10/2011 10:38	Field DO		11.03	mg/L	SM 4500-0 G
8/17/2011 11:15	Field DO		9.89	mg/L	SM 4500-0 G
8/23/2011 9:25	Field DO		8.2	mg/L	SM 4500-0 G
8/31/2011 11:00	Field DO		8.68	mg/L	SM 4500-0 G
9/7/2011 10:38	Field DO		8.53	mg/L	SM 4500-0 G
6/22/2011 11:35	Field Temp		22.6	C	EPA 170.1

Cuyahoga River River Mile 16.20					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 10:38	Field Temp		22.3	C	EPA 170.1
8/17/2011 11:15	Field Temp		21.1	C	EPA 170.1
8/23/2011 9:25	Field Temp		20.7	C	EPA 170.1
8/31/2011 11:00	Field Temp		21.3	C	EPA 170.1
9/7/2011 10:38	Field Temp		18.6	C	EPA 170.1
6/22/2011 11:35	Hg		0.00484	ug/L	EPA 1631E
6/22/2011 11:50	Hg	<	0.0002	ug/L	EPA 1631E
8/10/2011 10:38	Hg	<	0.005	ug/L	EPA 245.1
8/17/2011 11:15	Hg	<	0.005	ug/L	EPA 245.1
8/23/2011 9:25	Hg	<	0.005	ug/L	EPA 245.1
8/31/2011 11:00	Hg	<	0.005	ug/L	EPA 245.1
9/7/2011 10:38	Hg	<	0.005	ug/L	EPA 245.1
6/22/2011 11:35	K		6332	ug/L	EPA-200.7
8/10/2011 10:38	K		4806	ug/L	EPA-200.7
8/17/2011 11:15	K		5156	ug/L	EPA-200.7
8/23/2011 9:25	K		5378	ug/L	EPA-200.7
8/31/2011 11:00	K		6806	ug/L	EPA-200.7
9/7/2011 10:38	K		5540	ug/L	EPA-200.7
6/22/2011 11:35	Mg		14410	ug/L	EPA-200.7
8/10/2011 10:38	Mg		10560	ug/L	EPA-200.7
8/17/2011 11:15	Mg		13780	ug/L	EPA-200.7
8/23/2011 9:25	Mg		14880	ug/L	EPA-200.7
8/31/2011 11:00	Mg		18020	ug/L	EPA-200.7
9/7/2011 10:38	Mg		14795	ug/L	EPA-200.7
6/22/2011 11:35	Mn		149.1	ug/L	EPA-200.7
8/10/2011 10:38	Mn		142.3	ug/L	EPA-200.7
8/17/2011 11:15	Mn		111.4	ug/L	EPA-200.7
8/23/2011 9:25	Mn		69.72	ug/L	EPA-200.7
8/31/2011 11:00	Mn		62.25	ug/L	EPA-200.7
9/7/2011 10:38	Mn		96.13	ug/L	EPA-200.7
6/22/2011 11:35	Mo		3.57	ug/L	EPA-200.7
8/10/2011 10:38	Mo		5.205	ug/L	EPA-200.7
8/17/2011 11:15	Mo		3.66	ug/L	EPA-200.7
8/23/2011 9:25	Mo		3.61	ug/L	EPA-200.7
8/31/2011 11:00	Mo		4.425	ug/L	EPA-200.7
9/7/2011 10:38	Mo		3.8175	ug/L	EPA-200.7
6/22/2011 11:35	Na		84220	ug/L	EPA-200.7
8/10/2011 10:38	Na		55330	ug/L	EPA-200.7
8/17/2011 11:15	Na		74200	ug/L	EPA-200.7
8/23/2011 9:25	Na		81660	ug/L	EPA-200.7

Cuyahoga River River Mile 16.20					
Sample Date	Parameter	Code	Result	Units	Method
8/31/2011 11:00	Na		99730	ug/L	EPA-200.7
9/7/2011 10:38	Na		76285	ug/L	EPA-200.7
6/22/2011 11:35	NH3		0.034	mg/L	EPA-350.1
8/10/2011 10:38	NH3		0.126	mg/L	EPA-350.1
8/17/2011 11:15	NH3		0.041	mg/L	EPA-350.1
8/23/2011 9:25	NH3		0.016	mg/L	EPA-350.1
8/31/2011 11:00	NH3		0.014	mg/L	EPA-350.1
9/7/2011 10:38	NH3		0.0585	mg/L	EPA-350.1
6/22/2011 11:35	Ni		3.18	ug/L	EPA-200.7
8/10/2011 10:38	Ni		5.035	ug/L	EPA-200.7
8/17/2011 11:15	Ni		2.9	ug/L	EPA-200.7
8/23/2011 9:25	Ni	j	1.62	ug/L	EPA-200.7
8/31/2011 11:00	Ni	j	1.905	ug/L	EPA-200.7
9/7/2011 10:38	Ni		3.495	ug/L	EPA-200.7
6/22/2011 11:35	NO2		0.021	mg/L	SM 4500-NO2-B
8/10/2011 10:38	NO2		0.067	mg/L	SM 4500-NO2-B
8/17/2011 11:15	NO2		0.011	mg/L	SM 4500-NO2-B
8/23/2011 9:25	NO2		0.026	mg/L	SM 4500-NO2-B
8/31/2011 11:00	NO2		0.018	mg/L	SM 4500-NO2-B
9/7/2011 10:38	NO2		0.0195	mg/L	SM 4500-NO2-B
6/22/2011 11:35	NO3		2.114	mg/L	EPA 353.2
8/10/2011 10:38	NO3		1.469	mg/L	EPA 353.2
8/17/2011 11:15	NO3		1.827	mg/L	EPA 353.2
8/23/2011 9:25	NO3		2.175	mg/L	EPA 353.2
8/31/2011 11:00	NO3		3.858	mg/L	EPA 353.2
9/7/2011 10:38	NO3		2.114	mg/L	EPA 353.2
6/22/2011 11:35	NO3+NO2		2.135	mg/L	EPA 353.2
8/10/2011 10:38	NO3+NO2		1.536	mg/L	EPA 353.2
8/17/2011 11:15	NO3+NO2		1.838	mg/L	EPA 353.2
8/23/2011 9:25	NO3+NO2		2.201	mg/L	EPA 353.2
8/31/2011 11:00	NO3+NO2		3.876	mg/L	EPA 353.2
9/7/2011 10:38	NO3+NO2		2.1335	mg/L	EPA 353.2
6/22/2011 11:35	Pb		3.78	ug/L	EPA-200.7
8/10/2011 10:38	Pb		4.305	ug/L	EPA-200.7
8/17/2011 11:15	Pb	j	1.52	ug/L	EPA-200.7
8/23/2011 9:25	Pb	j	0.94	ug/L	EPA-200.7
8/31/2011 11:00	Pb	j	1.04	ug/L	EPA-200.7
9/7/2011 10:38	Pb		3.13	ug/L	EPA-200.7
6/22/2011 11:35	pH		7.98	S.U.	

Cuyahoga River River Mile 16.20					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 10:38	pH		7.84	S.U.	
8/17/2011 11:15	pH		7.99	S.U.	
8/23/2011 9:25	pH		8.05	S.U.	
8/31/2011 11:00	pH		8.13	S.U.	
9/7/2011 10:38	pH		8	S.U.	
6/22/2011 11:35	Sb	<	0.61	ug/L	EPA-200.7
8/10/2011 10:38	Sb	<	0.61	ug/L	EPA-200.7
8/17/2011 11:15	Sb	<	0.61	ug/L	EPA-200.7
8/23/2011 9:25	Sb	<	0.61	ug/L	EPA-200.7
8/31/2011 11:00	Sb	<	0.61	ug/L	EPA-200.7
9/7/2011 10:38	Sb	<	0.61	ug/L	EPA-200.7
6/22/2011 11:35	Se	<	0.63	ug/L	EPA-200.7
8/10/2011 10:38	Se	<	0.63	ug/L	EPA-200.7
8/17/2011 11:15	Se	<	0.63	ug/L	EPA-200.7
8/23/2011 9:25	Se	j	1.74	ug/L	EPA-200.7
8/31/2011 11:00	Se	j	1.51	ug/L	EPA-200.7
9/7/2011 10:38	Se	j	1.4075	ug/L	EPA-200.7
6/22/2011 11:35	Sn	<	18.4	ug/L	EPA-200.7
8/10/2011 10:38	Sn	<	18.4	ug/L	EPA-200.7
8/17/2011 11:15	Sn	<	18.4	ug/L	EPA-200.7
8/23/2011 9:25	Sn	<	18.4	ug/L	EPA-200.7
8/31/2011 11:00	Sn	<	18.4	ug/L	EPA-200.7
9/7/2011 10:38	Sn	<	18.4	ug/L	EPA-200.7
6/22/2011 11:35	SO4		54.09	mg/L	EPA 300.0
6/22/2011 11:35	Soluble-P		0.069	mg/L	EPA 365.1
8/10/2011 10:38	Soluble-P		0.106	mg/L	EPA 365.1
8/17/2011 11:15	Soluble-P		0.073	mg/L	EPA 365.1
8/23/2011 9:25	Soluble-P		0.051	mg/L	EPA 365.1
8/31/2011 11:00	Soluble-P		0.089	mg/L	EPA 365.1
9/7/2011 10:38	Soluble-P		0.077	mg/L	EPA 365.1
6/22/2011 11:35	TDS		444	mg/L	SM2540C
8/10/2011 10:38	TDS		335	mg/L	SM2540C
8/17/2011 11:15	TDS		450	mg/L	SM2540C
8/23/2011 9:25	TDS		484	mg/L	SM2540C
8/31/2011 11:00	TDS		543	mg/L	SM2540C
9/7/2011 10:38	TDS		462	mg/L	SM2540C
6/22/2011 11:35	Ti		23.96	ug/L	EPA-200.7
8/10/2011 10:38	Ti		27.88	ug/L	EPA-200.7
8/17/2011 11:15	Ti		8.27	ug/L	EPA-200.7

Cuyahoga River River Mile 16.20					
Sample Date	Parameter	Code	Result	Units	Method
8/23/2011 9:25	Ti		2.47	ug/L	EPA-200.7
8/31/2011 11:00	Ti	j	1.825	ug/L	EPA-200.7
9/7/2011 10:38	Ti		23.375	ug/L	EPA-200.7
6/22/2011 11:35	TI	j	2.01	ug/L	EPA-200.7
8/10/2011 10:38	TI	<	1.11	ug/L	EPA-200.7
8/17/2011 11:15	TI	<	1.11	ug/L	EPA-200.7
8/23/2011 9:25	TI	j	1.46	ug/L	EPA-200.7
8/31/2011 11:00	TI	j	1.3	ug/L	EPA-200.7
9/7/2011 10:38	TI	<	1.195	ug/L	EPA-200.7
6/22/2011 11:35	TMET		34.5	ug/L	EPA-200.7
8/10/2011 10:38	TMET		46.8	ug/L	EPA-200.7
8/17/2011 11:15	TMET		25.5	ug/L	EPA-200.7
8/23/2011 9:25	TMET		15.5	ug/L	EPA-200.7
8/31/2011 11:00	TMET		21.4	ug/L	EPA-200.7
9/7/2011 10:38	TMET		30.2	ug/L	EPA-200.7
6/22/2011 11:35	Total-P		0.166	mg/L	EPA 365.1
8/10/2011 10:38	Total-P		0.182	mg/L	EPA 365.1
8/17/2011 11:15	Total-P		0.149	mg/L	EPA 365.1
8/23/2011 9:25	Total-P		0.11	mg/L	EPA 365.1
8/31/2011 11:00	Total-P		0.14	mg/L	EPA 365.1
9/7/2011 10:38	Total-P		0.1425	mg/L	EPA 365.1
6/22/2011 11:35	TS		584	mg/L	SM2540B
8/10/2011 10:38	TS		476	mg/L	SM2540B
8/17/2011 11:15	TS		550	mg/L	SM2540B
8/23/2011 9:25	TS		624	mg/L	SM2540B
8/31/2011 11:00	TS		641	mg/L	SM2540B
9/7/2011 10:38	TS		597.5	mg/L	SM2540B
6/22/2011 11:35	TSS		99.6	mg/L	SM2540D
8/10/2011 10:38	TSS		115.2	mg/L	SM2540D
8/17/2011 11:15	TSS		59.4	mg/L	SM2540D
8/23/2011 9:25	TSS		20.4	mg/L	SM2540D
8/31/2011 11:00	TSS		13.1	mg/L	SM2540D
6/22/2011 11:35	Turbidity		38	NTU	EPA 180.1
8/17/2011 11:15	Turbidity		31.08	NTU	EPA 180.1
8/23/2011 9:25	Turbidity		16.3	NTU	EPA 180.1
8/31/2011 11:00	Turbidity		8.79	NTU	EPA 180.1
9/7/2011 10:38	Turbidity		44.25	NTU	EPA 180.1
6/22/2011 11:35	V		2.44	ug/L	EPA-200.7
8/10/2011 10:38	V		3.805	ug/L	EPA-200.7

Cuyahoga River River Mile 16.20					
Sample Date	Parameter	Code	Result	Units	Method
8/17/2011 11:15	V		1.78	ug/L	EPA-200.7
8/23/2011 9:25	V	j	0.55	ug/L	EPA-200.7
8/31/2011 11:00	V	<	0.15	ug/L	EPA-200.7
9/7/2011 10:38	V		2.7775	ug/L	EPA-200.7
6/22/2011 11:35	Zn		23.21	ug/L	EPA-200.7
8/10/2011 10:38	Zn		30.49	ug/L	EPA-200.7
8/17/2011 11:15	Zn		15.11	ug/L	EPA-200.7
8/23/2011 9:25	Zn	j	8.72	ug/L	EPA-200.7
8/31/2011 11:00	Zn		15.91	ug/L	EPA-200.7
9/7/2011 10:38	Zn		19.855	ug/L	EPA-200.7



Cuyahoga River River Mile 12.10					
Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 11:05	Ag	<	0.12	ug/L	EPA-200.7
8/10/2011 10:04	Ag	<	0.12	ug/L	EPA-200.7
8/17/2011 10:45	Ag	<	0.12	ug/L	EPA-200.7
8/23/2011 10:20	Ag	<	0.12	ug/L	EPA-200.7
8/31/2011 10:15	Ag	<	0.12	ug/L	EPA-200.7
9/7/2011 10:08	Ag	<	0.12	ug/L	EPA-200.7
6/22/2011 11:05	Al		1764	ug/L	EPA-200.7
8/10/2011 10:04	Al		2952	ug/L	EPA-200.7
8/17/2011 10:45	Al		903.1	ug/L	EPA-200.7
8/23/2011 10:20	Al		173.3	ug/L	EPA-200.7
8/31/2011 10:15	Al		114.05	ug/L	EPA-200.7
9/7/2011 10:08	Al		1275	ug/L	EPA-200.7
6/22/2011 11:05	Alkalinity		111.6	mg/LCaCO3	EPA-310.2
8/10/2011 10:04	Alkalinity		71.8	mg/LCaCO3	EPA-310.2
8/17/2011 10:45	Alkalinity		121.9	mg/LCaCO3	EPA-310.2
8/23/2011 10:20	Alkalinity		140.6	mg/LCaCO3	EPA-310.2
8/31/2011 10:15	Alkalinity		146.9	mg/LCaCO3	EPA-310.2
9/7/2011 10:08	Alkalinity		120.9	mg/LCaCO3	EPA-310.2
6/22/2011 11:05	As		2.82	ug/L	EPA-200.7
8/10/2011 10:04	As		5.15	ug/L	EPA-200.7
8/17/2011 10:45	As		3.85	ug/L	EPA-200.7
8/23/2011 10:20	As		2.29	ug/L	EPA-200.7
8/31/2011 10:15	As		1.97	ug/L	EPA-200.7
9/7/2011 10:08	As		2.28	ug/L	EPA-200.7
6/22/2011 11:05	Ba		53.7	ug/L	EPA-200.7
8/10/2011 10:04	Ba		52.9	ug/L	EPA-200.7
8/17/2011 10:45	Ba		49.9	ug/L	EPA-200.7
8/23/2011 10:20	Ba		48.4	ug/L	EPA-200.7
8/31/2011 10:15	Ba		55.8	ug/L	EPA-200.7
9/7/2011 10:08	Ba		50.5	ug/L	EPA-200.7
6/22/2011 11:05	Be	<	0.12	ug/L	EPA-200.7
8/10/2011 10:04	Be	j	0.2	ug/L	EPA-200.7
8/17/2011 10:45	Be	<	0.12	ug/L	EPA-200.7
8/23/2011 10:20	Be	<	0.12	ug/L	EPA-200.7
8/31/2011 10:15	Be	<	0.12	ug/L	EPA-200.7
9/7/2011 10:08	Be	<	0.12	ug/L	EPA-200.7
6/22/2011 11:05	BOD		2.2	mg/L	SM 5210
8/10/2011 10:04	BOD		3.6	mg/L	SM 5210
8/17/2011 10:45	BOD	<	2	mg/L	SM 5210
8/23/2011 10:20	BOD	<	2	mg/L	SM 5210

Cuyahoga River River Mile 12.10					
Sample Date	Parameter	Code	Result	Units	Method
8/31/2011 10:15	BOD		2.1	mg/L	SM 5210
9/7/2011 10:08	BOD	<	2	mg/L	SM 5210
6/22/2011 11:05	Ca		55060	ug/L	EPA-200.7
8/10/2011 10:04	Ca		41340	ug/L	EPA-200.7
8/17/2011 10:45	Ca		65540	ug/L	EPA-200.7
8/23/2011 10:20	Ca		69760	ug/L	EPA-200.7
8/31/2011 10:15	Ca		83365	ug/L	EPA-200.7
9/7/2011 10:08	Ca		61200	ug/L	EPA-200.7
6/22/2011 11:05	CaCO3		190	mg/LCaCO3	EPA-200.7
8/10/2011 10:04	CaCO3		147	mg/LCaCO3	EPA-200.7
8/17/2011 10:45	CaCO3		220	mg/LCaCO3	EPA-200.7
8/23/2011 10:20	CaCO3		237	mg/LCaCO3	EPA-200.7
8/31/2011 10:15	CaCO3		285	mg/LCaCO3	EPA-200.7
9/7/2011 10:08	CaCO3		212	mg/LCaCO3	EPA-200.7
6/22/2011 11:05	Cd	<	0.02	ug/L	EPA-200.7
8/10/2011 10:04	Cd	j	0.07	ug/L	EPA-200.7
8/17/2011 10:45	Cd	j	0.07	ug/L	EPA-200.7
8/23/2011 10:20	Cd	j	0.06	ug/L	EPA-200.7
8/31/2011 10:15	Cd	j	0.09	ug/L	EPA-200.7
9/7/2011 10:08	Cd	j	0.09	ug/L	EPA-200.7
6/22/2011 11:05	Chloride		125.6	mg/L	EPA 300.0
8/10/2011 10:04	Chloride		91	mg/L	SM 4500-Cl C
8/17/2011 10:45	Chloride		113	mg/L	SM 4500-Cl C
8/23/2011 10:20	Chloride		148	mg/L	SM 4500-Cl C
8/31/2011 10:15	Chloride		178	mg/L	SM 4500-Cl C
9/7/2011 10:08	Chloride		142	mg/L	SM 4500-Cl C
6/22/2011 11:05	Co		1.78	ug/L	EPA-200.7
8/10/2011 10:04	Co		3.41	ug/L	EPA-200.7
8/17/2011 10:45	Co		1.39	ug/L	EPA-200.7
8/23/2011 10:20	Co	j	0.53	ug/L	EPA-200.7
8/31/2011 10:15	Co	j	0.32	ug/L	EPA-200.7
9/7/2011 10:08	Co	j	0.86	ug/L	EPA-200.7
6/22/2011 11:05	COD		19	mg/L	EPA 410.4
8/10/2011 10:04	COD		27	mg/L	EPA 410.4
8/17/2011 10:45	COD		22	mg/L	EPA 410.4
8/23/2011 10:20	COD		12	mg/L	EPA 410.4
8/31/2011 10:15	COD		10.5	mg/L	EPA 410.4
9/7/2011 10:08	COD		21	mg/L	EPA 410.4
6/22/2011 11:05	Cr		2.97	ug/L	EPA-200.7

Cuyahoga River River Mile 12.10					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 10:04	Cr		6	ug/L	EPA-200.7
8/17/2011 10:45	Cr	j	1.52	ug/L	EPA-200.7
8/23/2011 10:20	Cr	j	0.45	ug/L	EPA-200.7
8/31/2011 10:15	Cr	j	0.36	ug/L	EPA-200.7
9/7/2011 10:08	Cr		2.18	ug/L	EPA-200.7
6/22/2011 11:05	Cr+6	j	3.267	ug/L	SM 3500-Cr-D
8/10/2011 10:04	Cr+6	j	1.919	ug/L	SM 3500-Cr-D
8/17/2011 10:45	Cr+6	j	1.44	ug/L	SM 3500-Cr-D
8/23/2011 10:20	Cr+6	<	1	ug/L	SM 3500-Cr-D
8/31/2011 10:15	Cr+6	j	1.288	ug/L	SM 3500-Cr-D
9/7/2011 10:08	Cr+6	j	2.135	ug/L	SM 3500-Cr-D
6/22/2011 11:05	Cu		8.21	ug/L	EPA-200.7
8/10/2011 10:04	Cu		11.3	ug/L	EPA-200.7
8/17/2011 10:45	Cu		5.89	ug/L	EPA-200.7
8/23/2011 10:20	Cu		3.21	ug/L	EPA-200.7
8/31/2011 10:15	Cu		3.2	ug/L	EPA-200.7
9/7/2011 10:08	Cu		5.9	ug/L	EPA-200.7
6/22/2011 11:05	E. coli		3550	cfu/100mL	EPA 1603
8/10/2011 10:04	E. coli		10800	cfu/100mL	EPA 1603
8/17/2011 10:45	E. coli		570	cfu/100mL	EPA 1603
8/23/2011 10:20	E. coli	EC	172	cfu/100mL	EPA 1603
8/31/2011 10:15	E. coli		183.5	cfu/100mL	EPA 1603
9/7/2011 10:08	E. coli		3000	cfu/100mL	EPA 1603
6/22/2011 11:05	Fe		3460	ug/L	EPA-200.7
8/10/2011 10:04	Fe		6940	ug/L	EPA-200.7
8/17/2011 10:45	Fe		2461	ug/L	EPA-200.7
8/23/2011 10:20	Fe		570.4	ug/L	EPA-200.7
8/31/2011 10:15	Fe		361.95	ug/L	EPA-200.7
9/7/2011 10:08	Fe		2241	ug/L	EPA-200.7
6/22/2011 11:05	Field Cond		755	uS/cm	SM 2510A
8/10/2011 10:04	Field Cond		523	uS/cm	SM 2510A
8/17/2011 10:45	Field Cond		698	uS/cm	SM 2510A
8/23/2011 10:20	Field Cond		857	uS/cm	SM 2510A
8/31/2011 10:15	Field Cond		948	uS/cm	SM 2510A
9/7/2011 10:08	Field Cond		770	uS/cm	SM 2510A
8/10/2011 10:04	Field DO		10.81	mg/L	SM 4500-0 G
8/17/2011 10:45	Field DO		9.88	mg/L	SM 4500-0 G
8/23/2011 10:20	Field DO		8.21	mg/L	SM 4500-0 G
8/31/2011 10:15	Field DO		8.45	mg/L	SM 4500-0 G
9/7/2011 10:08	Field DO		8.53	mg/L	SM 4500-0 G

Cuyahoga River  
River Mile 12.10

Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 11:05	Field Temp		22.4	C	EPA 170.1
8/10/2011 10:04	Field Temp		22.1	C	EPA 170.1
8/17/2011 10:45	Field Temp		21	C	EPA 170.1
8/23/2011 10:20	Field Temp		20.8	C	EPA 170.1
8/31/2011 10:15	Field Temp		21.3	C	EPA 170.1
9/7/2011 10:08	Field Temp		18.7	C	EPA 170.1
6/22/2011 11:05	Hg		0.00697	ug/L	EPA 1631E
8/10/2011 10:04	Hg	<	0.005	ug/L	EPA 245.1
8/17/2011 10:45	Hg	<	0.005	ug/L	EPA 245.1
8/23/2011 10:20	Hg	<	0.005	ug/L	EPA 245.1
8/31/2011 10:15	Hg	<	0.005	ug/L	EPA 245.1
9/7/2011 10:08	Hg	<	0.005	ug/L	EPA 245.1
6/22/2011 11:05	K		6353	ug/L	EPA-200.7
8/10/2011 10:04	K		5152	ug/L	EPA-200.7
8/17/2011 10:45	K		5334	ug/L	EPA-200.7
8/23/2011 10:20	K		5770	ug/L	EPA-200.7
8/31/2011 10:15	K		7235	ug/L	EPA-200.7
9/7/2011 10:08	K		5941	ug/L	EPA-200.7
6/22/2011 11:05	Mg		12740	ug/L	EPA-200.7
8/10/2011 10:04	Mg		10540	ug/L	EPA-200.7
8/17/2011 10:45	Mg		13790	ug/L	EPA-200.7
8/23/2011 10:20	Mg		15360	ug/L	EPA-200.7
8/31/2011 10:15	Mg		18630	ug/L	EPA-200.7
9/7/2011 10:08	Mg		14330	ug/L	EPA-200.7
6/22/2011 11:05	Mn		171.5	ug/L	EPA-200.7
8/10/2011 10:04	Mn		261.8	ug/L	EPA-200.7
8/17/2011 10:45	Mn		113.5	ug/L	EPA-200.7
8/23/2011 10:20	Mn		63	ug/L	EPA-200.7
8/31/2011 10:15	Mn		55.88	ug/L	EPA-200.7
9/7/2011 10:08	Mn		99.77	ug/L	EPA-200.7
6/22/2011 11:05	Mo		4.32	ug/L	EPA-200.7
8/10/2011 10:04	Mo		4.58	ug/L	EPA-200.7
8/17/2011 10:45	Mo		4.02	ug/L	EPA-200.7
8/23/2011 10:20	Mo		4.16	ug/L	EPA-200.7
8/31/2011 10:15	Mo		5.17	ug/L	EPA-200.7
9/7/2011 10:08	Mo		4.17	ug/L	EPA-200.7
6/22/2011 11:05	Na		77820	ug/L	EPA-200.7
8/10/2011 10:04	Na		57770	ug/L	EPA-200.7
8/17/2011 10:45	Na		76170	ug/L	EPA-200.7

Cuyahoga River River Mile 12.10					
Sample Date	Parameter	Code	Result	Units	Method
8/23/2011 10:20	Na		89090	ug/L	EPA-200.7
8/31/2011 10:15	Na		111000	ug/L	EPA-200.7
9/7/2011 10:08	Na		79960	ug/L	EPA-200.7
6/22/2011 11:05	NH3		0.048	mg/L	EPA-350.1
8/10/2011 10:04	NH3		0.172	mg/L	EPA-350.1
8/17/2011 10:45	NH3		0.048	mg/L	EPA-350.1
8/23/2011 10:20	NH3		0.019	mg/L	EPA-350.1
9/7/2011 10:08	NH3		0.072	mg/L	EPA-350.1
6/22/2011 11:05	Ni		4.69	ug/L	EPA-200.7
8/10/2011 10:04	Ni		9.18	ug/L	EPA-200.7
8/17/2011 10:45	Ni		3.44	ug/L	EPA-200.7
8/23/2011 10:20	Ni	j	1.73	ug/L	EPA-200.7
8/31/2011 10:15	Ni		2.115	ug/L	EPA-200.7
9/7/2011 10:08	Ni		4.05	ug/L	EPA-200.7
6/22/2011 11:05	NO2		0.028	mg/L	SM 4500-NO2-B
8/10/2011 10:04	NO2		0.082	mg/L	SM 4500-NO2-B
8/17/2011 10:45	NO2		0.012	mg/L	SM 4500-NO2-B
8/23/2011 10:20	NO2		0.017	mg/L	SM 4500-NO2-B
8/31/2011 10:15	NO2		0.0155	mg/L	SM 4500-NO2-B
9/7/2011 10:08	NO2		0.02	mg/L	SM 4500-NO2-B
6/22/2011 11:05	NO3		2.136	mg/L	EPA 353.2
8/10/2011 10:04	NO3		1.404	mg/L	EPA 353.2
8/17/2011 10:45	NO3		2.135	mg/L	EPA 353.2
8/23/2011 10:20	NO3		2.599	mg/L	EPA 353.2
8/31/2011 10:15	NO3		3.5685	mg/L	EPA 353.2
9/7/2011 10:08	NO3		2.646	mg/L	EPA 353.2
6/22/2011 11:05	NO3+NO2		2.164	mg/L	EPA 353.2
8/10/2011 10:04	NO3+NO2		1.486	mg/L	EPA 353.2
8/17/2011 10:45	NO3+NO2		2.147	mg/L	EPA 353.2
8/23/2011 10:20	NO3+NO2		2.616	mg/L	EPA 353.2
8/31/2011 10:15	NO3+NO2		3.5835	mg/L	EPA 353.2
9/7/2011 10:08	NO3+NO2		2.666	mg/L	EPA 353.2
6/22/2011 11:05	Pb		4.85	ug/L	EPA-200.7
8/10/2011 10:04	Pb		9.01	ug/L	EPA-200.7
8/17/2011 10:45	Pb	j	2.45	ug/L	EPA-200.7
8/23/2011 10:20	Pb	j	0.93	ug/L	EPA-200.7
8/31/2011 10:15	Pb	j	0.91	ug/L	EPA-200.7
9/7/2011 10:08	Pb		4.12	ug/L	EPA-200.7
6/22/2011 11:05	pH		7.97	S.U.	

Cuyahoga River River Mile 12.10					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 10:04	pH		7.85	S.U.	
8/17/2011 10:45	pH		7.98	S.U.	
8/23/2011 10:20	pH		8.12	S.U.	
8/31/2011 10:15	pH		8.18	S.U.	
9/7/2011 10:08	pH		8.02	S.U.	
6/22/2011 11:05	Sb	j	0.64	ug/L	EPA-200.7
8/10/2011 10:04	Sb	<	0.61	ug/L	EPA-200.7
8/17/2011 10:45	Sb	<	0.61	ug/L	EPA-200.7
8/23/2011 10:20	Sb	<	0.61	ug/L	EPA-200.7
8/31/2011 10:15	Sb	<	0.61	ug/L	EPA-200.7
9/7/2011 10:08	Sb	j	0.78	ug/L	EPA-200.7
6/22/2011 11:05	Se	<	0.63	ug/L	EPA-200.7
8/10/2011 10:04	Se	<	0.63	ug/L	EPA-200.7
8/17/2011 10:45	Se	<	0.63	ug/L	EPA-200.7
8/23/2011 10:20	Se	j	1.01	ug/L	EPA-200.7
8/31/2011 10:15	Se	j	1.14	ug/L	EPA-200.7
9/7/2011 10:08	Se	j	1.87	ug/L	EPA-200.7
6/22/2011 11:05	Sn	<	18.4	ug/L	EPA-200.7
8/10/2011 10:04	Sn	<	18.4	ug/L	EPA-200.7
8/17/2011 10:45	Sn	<	18.4	ug/L	EPA-200.7
8/23/2011 10:20	Sn	<	18.4	ug/L	EPA-200.7
8/31/2011 10:15	Sn	<	18.4	ug/L	EPA-200.7
9/7/2011 10:08	Sn	<	18.4	ug/L	EPA-200.7
6/22/2011 11:05	SO4		50.27	mg/L	EPA 300.0
6/22/2011 11:05	Soluble-P		0.074	mg/L	EPA 365.1
8/10/2011 10:04	Soluble-P		0.111	mg/L	EPA 365.1
8/17/2011 10:45	Soluble-P		0.069	mg/L	EPA 365.1
8/23/2011 10:20	Soluble-P		0.052	mg/L	EPA 365.1
8/31/2011 10:15	Soluble-P		0.074	mg/L	EPA 365.1
9/7/2011 10:08	Soluble-P		0.081	mg/L	EPA 365.1
6/22/2011 11:05	TDS		400	mg/L	SM2540C
8/10/2011 10:04	TDS		396	mg/L	SM2540C
8/17/2011 10:45	TDS		450	mg/L	SM2540C
8/23/2011 10:20	TDS		512	mg/L	SM2540C
8/31/2011 10:15	TDS		571	mg/L	SM2540C
9/7/2011 10:08	TDS		470	mg/L	SM2540C
6/22/2011 11:05	Ti		33.99	ug/L	EPA-200.7
8/10/2011 10:04	Ti		33.16	ug/L	EPA-200.7
8/17/2011 10:45	Ti		10.96	ug/L	EPA-200.7

Cuyahoga River River Mile 12.10					
Sample Date	Parameter	Code	Result	Units	Method
8/23/2011 10:20	Ti		2.51	ug/L	EPA-200.7
8/31/2011 10:15	Ti	j	1.52	ug/L	EPA-200.7
9/7/2011 10:08	Ti		26.11	ug/L	EPA-200.7
6/22/2011 11:05	TI	j	2.48	ug/L	EPA-200.7
8/10/2011 10:04	TI	<	1.11	ug/L	EPA-200.7
8/17/2011 10:45	TI	<	1.11	ug/L	EPA-200.7
8/23/2011 10:20	TI	<	1.11	ug/L	EPA-200.7
8/31/2011 10:15	TI	j	1.84	ug/L	EPA-200.7
9/7/2011 10:08	TI	<	1.11	ug/L	EPA-200.7
6/22/2011 11:05	TMET		55.6	ug/L	EPA-200.7
8/10/2011 10:04	TMET		80	ug/L	EPA-200.7
8/17/2011 10:45	TMET		28.7	ug/L	EPA-200.7
8/23/2011 10:20	TMET		14	ug/L	EPA-200.7
8/31/2011 10:15	TMET		21	ug/L	EPA-200.7
9/7/2011 10:08	TMET		33.2	ug/L	EPA-200.7
6/22/2011 11:05	Total-P		0.182	mg/L	EPA 365.1
8/10/2011 10:04	Total-P		0.277	mg/L	EPA 365.1
8/17/2011 10:45	Total-P		0.156	mg/L	EPA 365.1
8/23/2011 10:20	Total-P		0.103	mg/L	EPA 365.1
8/31/2011 10:15	Total-P		0.121	mg/L	EPA 365.1
9/7/2011 10:08	Total-P		0.159	mg/L	EPA 365.1
6/22/2011 11:05	TS		604	mg/L	SM2540B
8/10/2011 10:04	TS		622	mg/L	SM2540B
8/17/2011 10:45	TS		560	mg/L	SM2540B
8/23/2011 10:20	TS		624	mg/L	SM2540B
8/31/2011 10:15	TS		675	mg/L	SM2540B
9/7/2011 10:08	TS		616	mg/L	SM2540B
6/22/2011 11:05	TSS		97.2	mg/L	SM2540D
8/10/2011 10:04	TSS		171.6	mg/L	SM2540D
8/17/2011 10:45	TSS		63.8	mg/L	SM2540D
8/23/2011 10:20	TSS		18.6	mg/L	SM2540D
8/31/2011 10:15	TSS		10.6	mg/L	SM2540D
9/7/2011 10:08	TSS		82.4	mg/L	SM2540D
6/22/2011 11:05	Turbidity		62.5	NTU	EPA 180.1
8/10/2011 10:04	Turbidity		257	NTU	EPA 180.1
8/17/2011 10:45	Turbidity		29.34	NTU	EPA 180.1
8/23/2011 10:20	Turbidity		12.65	NTU	EPA 180.1
8/31/2011 10:15	Turbidity		7.665	NTU	EPA 180.1
9/7/2011 10:08	Turbidity		51	NTU	EPA 180.1

Cuyahoga River River Mile 12.10					
Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 11:05	V		3.85	ug/L	EPA-200.7
8/10/2011 10:04	V		6.53	ug/L	EPA-200.7
8/17/2011 10:45	V		2.31	ug/L	EPA-200.7
8/23/2011 10:20	V	j	0.65	ug/L	EPA-200.7
8/31/2011 10:15	V	<	0.18	ug/L	EPA-200.7
9/7/2011 10:08	V		3.08	ug/L	EPA-200.7
6/22/2011 11:05	Zn		39.71	ug/L	EPA-200.7
8/10/2011 10:04	Zn		53.56	ug/L	EPA-200.7
8/17/2011 10:45	Zn		17.87	ug/L	EPA-200.7
8/23/2011 10:20	Zn	j	8.66	ug/L	EPA-200.7
9/7/2011 10:08	Zn		21.11	ug/L	EPA-200.7



Cuyahoga River River Mile 11.30					
Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 10:45	Ag	<	0.12	ug/L	EPA-200.7
8/10/2011 9:44	Ag	<	0.12	ug/L	EPA-200.7
8/17/2011 10:25	Ag	<	0.12	ug/L	EPA-200.7
8/23/2011 10:42	Ag	<	0.12	ug/L	EPA-200.7
8/31/2011 9:50	Ag	<	0.12	ug/L	EPA-200.7
9/7/2011 9:45	Ag	<	0.12	ug/L	EPA-200.7
6/22/2011 10:45	Al		1957	ug/L	EPA-200.7
8/10/2011 9:44	Al		3611	ug/L	EPA-200.7
8/17/2011 10:25	Al		656.8	ug/L	EPA-200.7
8/23/2011 10:42	Al		193.9	ug/L	EPA-200.7
8/31/2011 9:50	Al		109.6	ug/L	EPA-200.7
9/7/2011 9:45	Al		2083	ug/L	EPA-200.7
6/22/2011 10:45	Alkalinity		109.1	mg/LCaCO3	EPA-310.2
8/10/2011 9:44	Alkalinity		78.8	mg/LCaCO3	EPA-310.2
8/17/2011 10:25	Alkalinity		124.5	mg/LCaCO3	EPA-310.2
8/23/2011 10:42	Alkalinity		141.8	mg/LCaCO3	EPA-310.2
8/31/2011 9:50	Alkalinity		149.3	mg/LCaCO3	EPA-310.2
9/7/2011 9:45	Alkalinity		118.6	mg/LCaCO3	EPA-310.2
6/22/2011 10:45	As		2.55	ug/L	EPA-200.7
8/10/2011 9:44	As		6.21	ug/L	EPA-200.7
8/17/2011 10:25	As		3.52	ug/L	EPA-200.7
8/23/2011 10:42	As		2.26	ug/L	EPA-200.7
8/31/2011 9:50	As		2.43	ug/L	EPA-200.7
9/7/2011 9:45	As		3.03	ug/L	EPA-200.7
6/22/2011 10:45	Ba		55	ug/L	EPA-200.7
8/10/2011 9:44	Ba		55.3	ug/L	EPA-200.7
8/17/2011 10:25	Ba		47.6	ug/L	EPA-200.7
8/23/2011 10:42	Ba		48.6	ug/L	EPA-200.7
8/31/2011 9:50	Ba		53.7	ug/L	EPA-200.7
9/7/2011 9:45	Ba		52.5	ug/L	EPA-200.7
6/22/2011 10:45	Be	<	0.12	ug/L	EPA-200.7
8/10/2011 9:44	Be	j	0.23	ug/L	EPA-200.7
8/17/2011 10:25	Be	<	0.12	ug/L	EPA-200.7
8/23/2011 10:42	Be	<	0.12	ug/L	EPA-200.7
8/31/2011 9:50	Be	<	0.12	ug/L	EPA-200.7
9/7/2011 9:45	Be	<	0.12	ug/L	EPA-200.7
6/22/2011 10:45	BOD		2.2	mg/L	SM 5210
8/10/2011 9:44	BOD		3.8	mg/L	SM 5210
8/17/2011 10:25	BOD	<	2	mg/L	SM 5210
8/23/2011 10:42	BOD	<	2	mg/L	SM 5210

Cuyahoga River River Mile 11.30						
Sample Date	Parameter	Code	Result	Units	Method	
8/31/2011 9:50	BOD	<	2	mg/L	SM 5210	
9/7/2011 9:45	BOD	<	2	mg/L	SM 5210	
6/22/2011 10:45	Ca		54150	ug/L	EPA-200.7	
8/10/2011 9:44	Ca		42430	ug/L	EPA-200.7	
8/17/2011 10:25	Ca		63020	ug/L	EPA-200.7	
8/23/2011 10:42	Ca		70360	ug/L	EPA-200.7	
8/31/2011 9:50	Ca		77810	ug/L	EPA-200.7	
9/7/2011 9:45	Ca		59710	ug/L	EPA-200.7	
6/22/2011 10:45	CaCO3		186	mg/LCaCO3	EPA-200.7	
8/10/2011 9:44	CaCO3		151	mg/LCaCO3	EPA-200.7	
8/17/2011 10:25	CaCO3		212	mg/LCaCO3	EPA-200.7	
8/23/2011 10:42	CaCO3		241	mg/LCaCO3	EPA-200.7	
8/31/2011 9:50	CaCO3		268	mg/LCaCO3	EPA-200.7	
9/7/2011 9:45	CaCO3		209	mg/LCaCO3	EPA-200.7	
6/22/2011 10:45	Cd	<	0.02	ug/L	EPA-200.7	
8/10/2011 9:44	Cd	<	0.02	ug/L	EPA-200.7	
8/17/2011 10:25	Cd	j	0.1	ug/L	EPA-200.7	
8/23/2011 10:42	Cd	j	0.06	ug/L	EPA-200.7	
8/31/2011 9:50	Cd	j	0.08	ug/L	EPA-200.7	
9/7/2011 9:45	Cd	j	0.07	ug/L	EPA-200.7	
6/22/2011 10:45	Chloride		124.8	mg/L	EPA 300.0	
8/10/2011 9:44	Chloride		101	mg/L	SM 4500-Cl C	
8/17/2011 10:25	Chloride		112	mg/L	SM 4500-Cl C	
8/23/2011 10:42	Chloride		145	mg/L	SM 4500-Cl C	
8/31/2011 9:50	Chloride		176	mg/L	SM 4500-Cl C	
9/7/2011 9:45	Chloride		146	mg/L	SM 4500-Cl C	
6/22/2011 10:45	Co		1.91	ug/L	EPA-200.7	
8/10/2011 9:44	Co		4.26	ug/L	EPA-200.7	
8/17/2011 10:25	Co		1.19	ug/L	EPA-200.7	
8/23/2011 10:42	Co	j	0.65	ug/L	EPA-200.7	
8/31/2011 9:50	Co	j	0.48	ug/L	EPA-200.7	
9/7/2011 9:45	Co		1.47	ug/L	EPA-200.7	
6/22/2011 10:45	COD		19	mg/L	EPA 410.4	
8/10/2011 9:44	COD		20	mg/L	EPA 410.4	
8/17/2011 10:25	COD		19	mg/L	EPA 410.4	
8/23/2011 10:42	COD		11	mg/L	EPA 410.4	
8/31/2011 9:50	COD	j	9	mg/L	EPA 410.4	
9/7/2011 9:45	COD		19	mg/L	EPA 410.4	
6/22/2011 10:45	Cr		3.2	ug/L	EPA-200.7	

Cuyahoga River River Mile 11.30					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 9:44	Cr		7.52	ug/L	EPA-200.7
8/17/2011 10:25	Cr	j	1.18	ug/L	EPA-200.7
8/23/2011 10:42	Cr	j	0.48	ug/L	EPA-200.7
9/7/2011 9:45	Cr		3.26	ug/L	EPA-200.7
6/22/2011 10:45	Cr+6	j	3.342	ug/L	SM 3500-Cr-D
8/10/2011 9:44	Cr+6	j	2.197	ug/L	SM 3500-Cr-D
8/17/2011 10:25	Cr+6	j	1.297	ug/L	SM 3500-Cr-D
8/23/2011 10:42	Cr+6	<	1	ug/L	SM 3500-Cr-D
9/7/2011 9:45	Cr+6	j	2.224	ug/L	SM 3500-Cr-D
6/22/2011 10:45	Cu		8.74	ug/L	EPA-200.7
8/10/2011 9:44	Cu		13.5	ug/L	EPA-200.7
8/17/2011 10:25	Cu		6.44	ug/L	EPA-200.7
8/23/2011 10:42	Cu		3.57	ug/L	EPA-200.7
8/31/2011 9:50	Cu		2.98	ug/L	EPA-200.7
9/7/2011 9:45	Cu		6.36	ug/L	EPA-200.7
6/22/2011 10:45	E. coli	EC	4568	cfu/100mL	EPA 1603
8/10/2011 9:44	E. coli		8400	cfu/100mL	EPA 1603
8/17/2011 10:25	E. coli		710	cfu/100mL	EPA 1603
8/23/2011 10:42	E. coli	EC	172	cfu/100mL	EPA 1603
8/31/2011 9:50	E. coli		150	cfu/100mL	EPA 1603
9/7/2011 9:45	E. coli		2500	cfu/100mL	EPA 1603
6/22/2011 10:45	Fe		3383	ug/L	EPA-200.7
8/10/2011 9:44	Fe		8800	ug/L	EPA-200.7
8/17/2011 10:25	Fe		1930	ug/L	EPA-200.7
8/23/2011 10:42	Fe		605.4	ug/L	EPA-200.7
8/31/2011 9:50	Fe		379.3	ug/L	EPA-200.7
9/7/2011 9:45	Fe		3530	ug/L	EPA-200.7
6/22/2011 10:45	Field Cond		749	uS/cm	SM 2510A
8/10/2011 9:44	Field Cond		551	uS/cm	SM 2510A
8/17/2011 10:25	Field Cond		694	uS/cm	SM 2510A
8/23/2011 10:42	Field Cond		866	uS/cm	SM 2510A
8/31/2011 9:50	Field Cond		943	uS/cm	SM 2510A
9/7/2011 9:45	Field Cond		734	uS/cm	SM 2510A
8/10/2011 9:44	Field DO		10.73	mg/L	SM 4500-0 G
8/17/2011 10:25	Field DO		9.79	mg/L	SM 4500-0 G
8/23/2011 10:42	Field DO		8.38	mg/L	SM 4500-0 G
8/31/2011 9:50	Field DO		8.23	mg/L	SM 4500-0 G
9/7/2011 9:45	Field DO		8.46	mg/L	SM 4500-0 G
6/22/2011 10:45	Field Temp		22.4	C	EPA 170.1

Cuyahoga River River Mile 11.30					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 9:44	Field Temp		22.2	C	EPA 170.1
8/17/2011 10:25	Field Temp		21	C	EPA 170.1
8/23/2011 10:42	Field Temp		21.1	C	EPA 170.1
8/31/2011 9:50	Field Temp		21.2	C	EPA 170.1
9/7/2011 9:45	Field Temp		18.9	C	EPA 170.1
6/22/2011 10:45	Hg		0.00434	ug/L	EPA 1631E
8/10/2011 9:44	Hg	<	0.005	ug/L	EPA 245.1
8/17/2011 10:25	Hg	j	0.005	ug/L	EPA 245.1
8/23/2011 10:42	Hg	<	0.005	ug/L	EPA 245.1
8/31/2011 9:50	Hg	<	0.005	ug/L	EPA 245.1
9/7/2011 9:45	Hg	<	0.005	ug/L	EPA 245.1
6/22/2011 10:45	K		6159	ug/L	EPA-200.7
8/10/2011 9:44	K		5153	ug/L	EPA-200.7
8/17/2011 10:25	K		5234	ug/L	EPA-200.7
8/23/2011 10:42	K		5814	ug/L	EPA-200.7
8/31/2011 9:50	K		6968	ug/L	EPA-200.7
9/7/2011 9:45	K		5699	ug/L	EPA-200.7
6/22/2011 10:45	Mg		12410	ug/L	EPA-200.7
8/10/2011 9:44	Mg		10980	ug/L	EPA-200.7
8/17/2011 10:25	Mg		13310	ug/L	EPA-200.7
8/23/2011 10:42	Mg		15770	ug/L	EPA-200.7
8/31/2011 9:50	Mg		17970	ug/L	EPA-200.7
9/7/2011 9:45	Mg		14630	ug/L	EPA-200.7
6/22/2011 10:45	Mn		189.4	ug/L	EPA-200.7
8/10/2011 9:44	Mn		278	ug/L	EPA-200.7
8/17/2011 10:25	Mn		110.9	ug/L	EPA-200.7
8/23/2011 10:42	Mn		65.69	ug/L	EPA-200.7
8/31/2011 9:50	Mn		56.72	ug/L	EPA-200.7
9/7/2011 9:45	Mn		123.6	ug/L	EPA-200.7
6/22/2011 10:45	Mo		3.95	ug/L	EPA-200.7
8/10/2011 9:44	Mo		5.1	ug/L	EPA-200.7
8/17/2011 10:25	Mo		3.67	ug/L	EPA-200.7
8/23/2011 10:42	Mo		4.3	ug/L	EPA-200.7
8/31/2011 9:50	Mo		4.74	ug/L	EPA-200.7
9/7/2011 9:45	Mo		4.16	ug/L	EPA-200.7
6/22/2011 10:45	Na		77490	ug/L	EPA-200.7
8/10/2011 9:44	Na		60880	ug/L	EPA-200.7
8/17/2011 10:25	Na		74330	ug/L	EPA-200.7
8/23/2011 10:42	Na		89560	ug/L	EPA-200.7
8/31/2011 9:50	Na		105200	ug/L	EPA-200.7

Cuyahoga River River Mile 11.30					
Sample Date	Parameter	Code	Result	Units	Method
9/7/2011 9:45	Na		76620	ug/L	EPA-200.7
6/22/2011 10:45	NH3		0.06	mg/L	EPA-350.1
8/10/2011 9:44	NH3		0.156	mg/L	EPA-350.1
8/17/2011 10:25	NH3		0.038	mg/L	EPA-350.1
8/23/2011 10:42	NH3		0.014	mg/L	EPA-350.1
8/31/2011 9:50	NH3		0.034	mg/L	EPA-350.1
9/7/2011 9:45	NH3		0.051	mg/L	EPA-350.1
6/22/2011 10:45	Ni		4.67	ug/L	EPA-200.7
8/10/2011 9:44	Ni		11.33	ug/L	EPA-200.7
8/17/2011 10:25	Ni		3.01	ug/L	EPA-200.7
8/23/2011 10:42	Ni	j	1.84	ug/L	EPA-200.7
8/31/2011 9:50	Ni	j	1.99	ug/L	EPA-200.7
9/7/2011 9:45	Ni		5.06	ug/L	EPA-200.7
6/22/2011 10:45	NO2		0.03	mg/L	SM 4500-NO2-B
8/10/2011 9:44	NO2		0.081	mg/L	SM 4500-NO2-B
8/17/2011 10:25	NO2		0.013	mg/L	SM 4500-NO2-B
8/23/2011 10:42	NO2		0.016	mg/L	SM 4500-NO2-B
8/31/2011 9:50	NO2		0.016	mg/L	SM 4500-NO2-B
9/7/2011 9:45	NO2		0.021	mg/L	SM 4500-NO2-B
8/10/2011 9:44	NO3		1.492	mg/L	EPA 353.2
8/17/2011 10:25	NO3		2.138	mg/L	EPA 353.2
8/23/2011 10:42	NO3		2.6	mg/L	EPA 353.2
8/31/2011 9:50	NO3		3.354	mg/L	EPA 353.2
9/7/2011 9:45	NO3		2.57	mg/L	EPA 353.2
6/22/2011 10:45	NO3+NO2		2.102	mg/L	EPA 353.2
8/10/2011 9:44	NO3+NO2		1.573	mg/L	EPA 353.2
8/17/2011 10:25	NO3+NO2		2.152	mg/L	EPA 353.2
8/23/2011 10:42	NO3+NO2		2.616	mg/L	EPA 353.2
8/31/2011 9:50	NO3+NO2		3.37	mg/L	EPA 353.2
9/7/2011 9:45	NO3+NO2		2.592	mg/L	EPA 353.2
6/22/2011 10:45	Pb		5.29	ug/L	EPA-200.7
8/10/2011 9:44	Pb		9.23	ug/L	EPA-200.7
8/17/2011 10:25	Pb	j	2.33	ug/L	EPA-200.7
8/23/2011 10:42	Pb	j	0.77	ug/L	EPA-200.7
8/31/2011 9:50	Pb	<	0.39	ug/L	EPA-200.7
9/7/2011 9:45	Pb		4.57	ug/L	EPA-200.7
6/22/2011 10:45	pH		7.94	S.U.	
8/10/2011 9:44	pH		7.84	S.U.	
8/17/2011 10:25	pH		7.97	S.U.	

Cuyahoga River River Mile 11.30					
Sample Date	Parameter	Code	Result	Units	Method
8/23/2011 10:42	pH		8.14	S.U.	
8/31/2011 9:50	pH		8.12	S.U.	
9/7/2011 9:45	pH		8.02	S.U.	
6/22/2011 10:45	Sb	<	0.61	ug/L	EPA-200.7
8/10/2011 9:44	Sb	<	0.61	ug/L	EPA-200.7
8/17/2011 10:25	Sb	<	0.61	ug/L	EPA-200.7
8/23/2011 10:42	Sb	<	0.61	ug/L	EPA-200.7
8/31/2011 9:50	Sb	<	0.61	ug/L	EPA-200.7
9/7/2011 9:45	Sb	j	0.69	ug/L	EPA-200.7
6/22/2011 10:45	Se	<	0.63	ug/L	EPA-200.7
8/10/2011 9:44	Se	<	0.63	ug/L	EPA-200.7
8/17/2011 10:25	Se	<	0.63	ug/L	EPA-200.7
8/23/2011 10:42	Se	j	0.99	ug/L	EPA-200.7
8/31/2011 9:50	Se	j	1.49	ug/L	EPA-200.7
9/7/2011 9:45	Se	<	0.63	ug/L	EPA-200.7
6/22/2011 10:45	Sn	<	18.4	ug/L	EPA-200.7
8/10/2011 9:44	Sn	<	18.4	ug/L	EPA-200.7
8/17/2011 10:25	Sn	<	18.4	ug/L	EPA-200.7
8/23/2011 10:42	Sn	<	18.4	ug/L	EPA-200.7
8/31/2011 9:50	Sn	<	18.4	ug/L	EPA-200.7
9/7/2011 9:45	Sn	<	18.4	ug/L	EPA-200.7
6/22/2011 10:45	SO4		49.36	mg/L	EPA 300.0
6/22/2011 10:45	Soluble-P		0.088	mg/L	EPA 365.1
8/10/2011 9:44	Soluble-P		0.094	mg/L	EPA 365.1
8/17/2011 10:25	Soluble-P		0.068	mg/L	EPA 365.1
8/23/2011 10:42	Soluble-P		0.048	mg/L	EPA 365.1
8/31/2011 9:50	Soluble-P		0.068	mg/L	EPA 365.1
9/7/2011 9:45	Soluble-P		0.086	mg/L	EPA 365.1
6/22/2011 10:45	TDS		432	mg/L	SM2540C
8/10/2011 9:44	TDS		344	mg/L	SM2540C
8/17/2011 10:25	TDS		456	mg/L	SM2540C
8/23/2011 10:42	TDS		504	mg/L	SM2540C
8/31/2011 9:50	TDS		560	mg/L	SM2540C
9/7/2011 9:45	TDS		486	mg/L	SM2540C
6/22/2011 10:45	Ti		39.4	ug/L	EPA-200.7
8/10/2011 9:44	Ti		32.81	ug/L	EPA-200.7
8/17/2011 10:25	Ti		8.14	ug/L	EPA-200.7
8/23/2011 10:42	Ti		2.65	ug/L	EPA-200.7
8/31/2011 9:50	Ti	j	1.4	ug/L	EPA-200.7

Cuyahoga River River Mile 11.30					
Sample Date	Parameter	Code	Result	Units	Method
9/7/2011 9:45	TI		40.26	ug/L	EPA-200.7
6/22/2011 10:45	TI	j	1.93	ug/L	EPA-200.7
8/10/2011 9:44	TI	<	1.11	ug/L	EPA-200.7
8/17/2011 10:25	TI	<	1.11	ug/L	EPA-200.7
8/23/2011 10:42	TI	<	1.11	ug/L	EPA-200.7
8/31/2011 9:50	TI	j	1.64	ug/L	EPA-200.7
9/7/2011 9:45	TI	<	1.11	ug/L	EPA-200.7
6/22/2011 10:45	TMET		49.6	ug/L	EPA-200.7
8/10/2011 9:44	TMET		90.7	ug/L	EPA-200.7
8/17/2011 10:25	TMET		26.4	ug/L	EPA-200.7
8/23/2011 10:42	TMET		15.8	ug/L	EPA-200.7
8/31/2011 9:50	TMET		15.5	ug/L	EPA-200.7
9/7/2011 9:45	TMET		40.1	ug/L	EPA-200.7
6/22/2011 10:45	Total-P		0.192	mg/L	EPA 365.1
8/10/2011 9:44	Total-P		0.282	mg/L	EPA 365.1
8/17/2011 10:25	Total-P		0.157	mg/L	EPA 365.1
8/23/2011 10:42	Total-P		0.108	mg/L	EPA 365.1
8/31/2011 9:50	Total-P		0.116	mg/L	EPA 365.1
9/7/2011 9:45	Total-P		0.166	mg/L	EPA 365.1
6/22/2011 10:45	TS		616	mg/L	SM2540B
8/10/2011 9:44	TS		660	mg/L	SM2540B
8/17/2011 10:25	TS		556	mg/L	SM2540B
8/23/2011 10:42	TS		630	mg/L	SM2540B
8/31/2011 9:50	TS		662	mg/L	SM2540B
9/7/2011 9:45	TS		662	mg/L	SM2540B
6/22/2011 10:45	TSS		132.8	mg/L	SM2540D
8/10/2011 9:44	TSS		259.2	mg/L	SM2540D
8/17/2011 10:25	TSS		65	mg/L	SM2540D
8/23/2011 10:42	TSS		19	mg/L	SM2540D
8/31/2011 9:50	TSS		12	mg/L	SM2540D
9/7/2011 9:45	TSS		114	mg/L	SM2540D
6/22/2011 10:45	Turbidity		89	NTU	EPA 180.1
8/10/2011 9:44	Turbidity		233.5	NTU	EPA 180.1
8/17/2011 10:25	Turbidity		38.66	NTU	EPA 180.1
8/23/2011 10:42	Turbidity		11.95	NTU	EPA 180.1
8/31/2011 9:50	Turbidity		7.44	NTU	EPA 180.1
9/7/2011 9:45	Turbidity		76.5	NTU	EPA 180.1
6/22/2011 10:45	V		4.11	ug/L	EPA-200.7
8/10/2011 9:44	V		7.75	ug/L	EPA-200.7

Cuyahoga River  
River Mile 11.30

Sample Date	Parameter	Code	Result	Units	Method
8/17/2011 10:25	V		1.63	ug/L	EPA-200.7
8/23/2011 10:42	V	j	0.42	ug/L	EPA-200.7
8/31/2011 9:50	V	<	0.15	ug/L	EPA-200.7
9/7/2011 9:45	V		4.66	ug/L	EPA-200.7
6/22/2011 10:45	Zn		33.04	ug/L	EPA-200.7
8/10/2011 9:44	Zn		58.34	ug/L	EPA-200.7
8/17/2011 10:25	Zn		15.76	ug/L	EPA-200.7
8/23/2011 10:42	Zn	j	9.9	ug/L	EPA-200.7
8/31/2011 9:50	Zn		10.49	ug/L	EPA-200.7
9/7/2011 9:45	Zn		25.45	ug/L	EPA-200.7



Cuyahoga River River Mile 10.75					
Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 10:20	Ag	<	0.12	ug/L	EPA-200.7
8/10/2011 9:20	Ag	<	0.12	ug/L	EPA-200.7
8/17/2011 10:00	Ag	<	0.12	ug/L	EPA-200.7
8/23/2011 11:08	Ag	<	0.12	ug/L	EPA-200.7
8/31/2011 9:35	Ag	<	0.12	ug/L	EPA-200.7
9/7/2011 9:25	Ag	<	0.12	ug/L	EPA-200.7
6/22/2011 10:20	Al		3237	ug/L	EPA-200.7
8/10/2011 9:20	Al		2856	ug/L	EPA-200.7
8/17/2011 10:00	Al		975.2	ug/L	EPA-200.7
8/23/2011 11:08	Al		167.7	ug/L	EPA-200.7
8/31/2011 9:35	Al		111.3	ug/L	EPA-200.7
9/7/2011 9:25	Al		1998	ug/L	EPA-200.7
6/22/2011 10:20	Alkalinity		103.7	mg/LCaCO3	EPA-310.2
8/10/2011 9:20	Alkalinity		86	mg/LCaCO3	EPA-310.2
8/17/2011 10:00	Alkalinity		121.9	mg/LCaCO3	EPA-310.2
8/23/2011 11:08	Alkalinity		144.2	mg/LCaCO3	EPA-310.2
8/31/2011 9:35	Alkalinity		150.7	mg/LCaCO3	EPA-310.2
9/7/2011 9:25	Alkalinity		109.1	mg/LCaCO3	EPA-310.2
6/22/2011 10:20	As		3.89	ug/L	EPA-200.7
8/10/2011 9:20	As		5.56	ug/L	EPA-200.7
8/17/2011 10:00	As		4.19	ug/L	EPA-200.7
8/23/2011 11:08	As		2.32	ug/L	EPA-200.7
8/31/2011 9:35	As		2.22	ug/L	EPA-200.7
9/7/2011 9:25	As		2	ug/L	EPA-200.7
6/22/2011 10:20	Ba		58.8	ug/L	EPA-200.7
8/10/2011 9:20	Ba		53.2	ug/L	EPA-200.7
8/17/2011 10:00	Ba		49.7	ug/L	EPA-200.7
8/23/2011 11:08	Ba		48.5	ug/L	EPA-200.7
8/31/2011 9:35	Ba		52.1	ug/L	EPA-200.7
9/7/2011 9:25	Ba		51.6	ug/L	EPA-200.7
6/22/2011 10:20	Be	j	0.14	ug/L	EPA-200.7
8/10/2011 9:20	Be	j	0.19	ug/L	EPA-200.7
8/17/2011 10:00	Be	<	0.12	ug/L	EPA-200.7
8/23/2011 11:08	Be	<	0.12	ug/L	EPA-200.7
8/31/2011 9:35	Be	<	0.12	ug/L	EPA-200.7
9/7/2011 9:25	Be	<	0.12	ug/L	EPA-200.7
6/22/2011 10:20	BOD		2.9	mg/L	SM 5210
8/10/2011 9:20	BOD		3.5	mg/L	SM 5210
8/17/2011 10:00	BOD	<	2	mg/L	SM 5210
8/23/2011 11:08	BOD	<	2	mg/L	SM 5210

Cuyahoga River River Mile 10.75					
Sample Date	Parameter	Code	Result	Units	Method
8/31/2011 9:35	BOD		2	mg/L	SM 5210
9/7/2011 9:25	BOD	<	2	mg/L	SM 5210
6/22/2011 10:20	Ca		52180	ug/L	EPA-200.7
8/10/2011 9:20	Ca		44480	ug/L	EPA-200.7
8/17/2011 10:00	Ca		63940	ug/L	EPA-200.7
8/23/2011 11:08	Ca		70320	ug/L	EPA-200.7
8/31/2011 9:35	Ca		74430	ug/L	EPA-200.7
9/7/2011 9:25	Ca		57820	ug/L	EPA-200.7
6/22/2011 10:20	CaCO3		182	mg/LCaCO3	EPA-200.7
8/10/2011 9:20	CaCO3		158	mg/LCaCO3	EPA-200.7
8/17/2011 10:00	CaCO3		217	mg/LCaCO3	EPA-200.7
8/23/2011 11:08	CaCO3		239	mg/LCaCO3	EPA-200.7
8/31/2011 9:35	CaCO3		259	mg/LCaCO3	EPA-200.7
9/7/2011 9:25	CaCO3		201	mg/LCaCO3	EPA-200.7
6/22/2011 10:20	Cd	<	0.02	ug/L	EPA-200.7
8/10/2011 9:20	Cd	j	0.1	ug/L	EPA-200.7
8/17/2011 10:00	Cd	j	0.12	ug/L	EPA-200.7
8/23/2011 11:08	Cd	j	0.06	ug/L	EPA-200.7
8/31/2011 9:35	Cd	j	0.09	ug/L	EPA-200.7
9/7/2011 9:25	Cd	j	0.06	ug/L	EPA-200.7
6/22/2011 10:20	Chloride		122.9	mg/L	EPA 300.0
8/10/2011 9:20	Chloride		105	mg/L	SM 4500-Cl C
8/17/2011 10:00	Chloride		117	mg/L	SM 4500-Cl C
8/23/2011 11:08	Chloride		152	mg/L	SM 4500-Cl C
8/31/2011 9:35	Chloride		173	mg/L	SM 4500-Cl C
9/7/2011 9:25	Chloride		139	mg/L	SM 4500-Cl C
6/22/2011 10:20	Co		2.5	ug/L	EPA-200.7
8/10/2011 9:20	Co		3.64	ug/L	EPA-200.7
8/17/2011 10:00	Co		1.45	ug/L	EPA-200.7
8/23/2011 11:08	Co	j	0.56	ug/L	EPA-200.7
8/31/2011 9:35	Co	j	0.43	ug/L	EPA-200.7
9/7/2011 9:25	Co		1.52	ug/L	EPA-200.7
6/22/2011 10:20	COD		22	mg/L	EPA 410.4
8/10/2011 9:20	COD		35	mg/L	EPA 410.4
8/17/2011 10:00	COD		20	mg/L	EPA 410.4
8/23/2011 11:08	COD		11	mg/L	EPA 410.4
8/31/2011 9:35	COD		13	mg/L	EPA 410.4
9/7/2011 9:25	COD		20	mg/L	EPA 410.4
6/22/2011 10:20	Cr		5.06	ug/L	EPA-200.7

Cuyahoga River River Mile 10.75					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 9:20	Cr		5.32	ug/L	EPA-200.7
8/17/2011 10:00	Cr	j	1.66	ug/L	EPA-200.7
8/23/2011 11:08	Cr	j	0.43	ug/L	EPA-200.7
8/31/2011 9:35	Cr	j	0.54	ug/L	EPA-200.7
9/7/2011 9:25	Cr		3.15	ug/L	EPA-200.7
6/22/2011 10:20	Cr+6	j	3.403	ug/L	SM 3500-Cr-D
8/10/2011 9:20	Cr+6	j	1.999	ug/L	SM 3500-Cr-D
8/17/2011 10:00	Cr+6	j	1.675	ug/L	SM 3500-Cr-D
8/23/2011 11:08	Cr+6	<	1	ug/L	SM 3500-Cr-D
8/31/2011 9:35	Cr+6	j	1.405	ug/L	SM 3500-Cr-D
9/7/2011 9:25	Cr+6	j	1.921	ug/L	SM 3500-Cr-D
6/22/2011 10:20	Cu		10.19	ug/L	EPA-200.7
8/10/2011 9:20	Cu		12.1	ug/L	EPA-200.7
8/17/2011 10:00	Cu		7.05	ug/L	EPA-200.7
8/23/2011 11:08	Cu		3.42	ug/L	EPA-200.7
8/31/2011 9:35	Cu		2.89	ug/L	EPA-200.7
9/7/2011 9:25	Cu		6.55	ug/L	EPA-200.7
6/22/2011 10:20	E. coli	EC	5273	cfu/100mL	EPA 1603
8/10/2011 9:20	E. coli		9600	cfu/100mL	EPA 1603
8/17/2011 10:00	E. coli		580	cfu/100mL	EPA 1603
8/23/2011 11:08	E. coli		200	cfu/100mL	EPA 1603
8/31/2011 9:35	E. coli		167	cfu/100mL	EPA 1603
9/7/2011 9:25	E. coli		3800	cfu/100mL	EPA 1603
6/22/2011 10:20	Fe		5014	ug/L	EPA-200.7
8/10/2011 9:20	Fe		7148	ug/L	EPA-200.7
8/17/2011 10:00	Fe		2729	ug/L	EPA-200.7
8/23/2011 11:08	Fe		541.6	ug/L	EPA-200.7
8/31/2011 9:35	Fe		426	ug/L	EPA-200.7
9/7/2011 9:25	Fe		3355	ug/L	EPA-200.7
6/22/2011 10:20	Field Cond		733	uS/cm	SM 2510A
8/10/2011 9:20	Field Cond		594	uS/cm	SM 2510A
8/17/2011 10:00	Field Cond		695	uS/cm	SM 2510A
8/23/2011 11:08	Field Cond		876	uS/cm	SM 2510A
8/31/2011 9:35	Field Cond		941	uS/cm	SM 2510A
9/7/2011 9:25	Field Cond		717	uS/cm	SM 2510A
8/10/2011 9:20	Field DO		10.24	mg/L	SM 4500-0 G
8/17/2011 10:00	Field DO		9.85	mg/L	SM 4500-0 G
8/23/2011 11:08	Field DO		8.43	mg/L	SM 4500-0 G
8/31/2011 9:35	Field DO		8.18	mg/L	SM 4500-0 G
9/7/2011 9:25	Field DO		8.52	mg/L	SM 4500-0 G

Cuyahoga River  
River Mile 10.75

Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 10:20	Field Temp		22.3	C	EPA 170.1
8/10/2011 9:20	Field Temp		22.3	C	EPA 170.1
8/17/2011 10:00	Field Temp		20.9	C	EPA 170.1
8/23/2011 11:08	Field Temp		21	C	EPA 170.1
8/31/2011 9:35	Field Temp		21	C	EPA 170.1
9/7/2011 9:25	Field Temp		18.6	C	EPA 170.1
8/10/2011 9:20	Hg	<	0.005	ug/L	EPA 245.1
8/17/2011 10:00	Hg	<	0.005	ug/L	EPA 245.1
8/23/2011 11:08	Hg	<	0.005	ug/L	EPA 245.1
8/31/2011 9:35	Hg	<	0.005	ug/L	EPA 245.1
9/7/2011 9:25	Hg	<	0.005	ug/L	EPA 245.1
6/22/2011 10:20	K		6434	ug/L	EPA-200.7
8/10/2011 9:20	K		5322	ug/L	EPA-200.7
8/17/2011 10:00	K		5371	ug/L	EPA-200.7
8/23/2011 11:08	K		5845	ug/L	EPA-200.7
8/31/2011 9:35	K		6851	ug/L	EPA-200.7
9/7/2011 9:25	K		5831	ug/L	EPA-200.7
6/22/2011 10:20	Mg		12440	ug/L	EPA-200.7
8/10/2011 9:20	Mg		11280	ug/L	EPA-200.7
8/17/2011 10:00	Mg		13920	ug/L	EPA-200.7
8/23/2011 11:08	Mg		15500	ug/L	EPA-200.7
8/31/2011 9:35	Mg		17880	ug/L	EPA-200.7
9/7/2011 9:25	Mg		13690	ug/L	EPA-200.7
6/22/2011 10:20	Mn		206.8	ug/L	EPA-200.7
8/10/2011 9:20	Mn		265.6	ug/L	EPA-200.7
8/17/2011 10:00	Mn		117.5	ug/L	EPA-200.7
8/23/2011 11:08	Mn		64.03	ug/L	EPA-200.7
8/31/2011 9:35	Mn		59.26	ug/L	EPA-200.7
9/7/2011 9:25	Mn		118.2	ug/L	EPA-200.7
6/22/2011 10:20	Mo		4.37	ug/L	EPA-200.7
8/10/2011 9:20	Mo		4.94	ug/L	EPA-200.7
8/17/2011 10:00	Mo		4.13	ug/L	EPA-200.7
8/23/2011 11:08	Mo		4.27	ug/L	EPA-200.7
8/31/2011 9:35	Mo		4.68	ug/L	EPA-200.7
9/7/2011 9:25	Mo		4.18	ug/L	EPA-200.7
6/22/2011 10:20	Na		76670	ug/L	EPA-200.7
8/10/2011 9:20	Na		65820	ug/L	EPA-200.7
8/17/2011 10:00	Na		75460	ug/L	EPA-200.7
8/23/2011 11:08	Na		90900	ug/L	EPA-200.7

Cuyahoga River River Mile 10.75					
Sample Date	Parameter	Code	Result	Units	Method
8/31/2011 9:35	Na		102500	ug/L	EPA-200.7
9/7/2011 9:25	Na		77420	ug/L	EPA-200.7
6/22/2011 10:20	NH3		0.091	mg/L	EPA-350.1
8/10/2011 9:20	NH3		0.157	mg/L	EPA-350.1
8/17/2011 10:00	NH3		0.051	mg/L	EPA-350.1
8/23/2011 11:08	NH3		0.02	mg/L	EPA-350.1
8/31/2011 9:35	NH3		0.02	mg/L	EPA-350.1
9/7/2011 9:25	NH3		0.062	mg/L	EPA-350.1
6/22/2011 10:20	Ni		6.21	ug/L	EPA-200.7
8/10/2011 9:20	Ni		9.48	ug/L	EPA-200.7
8/17/2011 10:00	Ni		3.78	ug/L	EPA-200.7
8/23/2011 11:08	Ni	j	1.77	ug/L	EPA-200.7
8/31/2011 9:35	Ni		2.27	ug/L	EPA-200.7
9/7/2011 9:25	Ni		5.27	ug/L	EPA-200.7
6/22/2011 10:20	NO2		0.032	mg/L	SM 4500-NO2-B
8/10/2011 9:20	NO2		0.081	mg/L	SM 4500-NO2-B
8/17/2011 10:00	NO2		0.015	mg/L	SM 4500-NO2-B
8/23/2011 11:08	NO2		0.014	mg/L	SM 4500-NO2-B
8/31/2011 9:35	NO2		0.014	mg/L	SM 4500-NO2-B
9/7/2011 9:25	NO2		0.02	mg/L	SM 4500-NO2-B
8/10/2011 9:20	NO3		1.616	mg/L	EPA 353.2
8/17/2011 10:00	NO3		1.974	mg/L	EPA 353.2
8/23/2011 11:08	NO3		2.502	mg/L	EPA 353.2
8/31/2011 9:35	NO3		3.188	mg/L	EPA 353.2
9/7/2011 9:25	NO3		2.318	mg/L	EPA 353.2
6/22/2011 10:20	NO3+NO2		1.902	mg/L	EPA 353.2
8/10/2011 9:20	NO3+NO2		1.697	mg/L	EPA 353.2
8/17/2011 10:00	NO3+NO2		1.989	mg/L	EPA 353.2
8/23/2011 11:08	NO3+NO2		2.517	mg/L	EPA 353.2
8/31/2011 9:35	NO3+NO2		3.202	mg/L	EPA 353.2
9/7/2011 9:25	NO3+NO2		2.338	mg/L	EPA 353.2
6/22/2011 10:20	Pb		6.62	ug/L	EPA-200.7
8/10/2011 9:20	Pb		8.45	ug/L	EPA-200.7
8/17/2011 10:00	Pb	j	2.5	ug/L	EPA-200.7
8/23/2011 11:08	Pb	j	0.75	ug/L	EPA-200.7
8/31/2011 9:35	Pb	<	0.39	ug/L	EPA-200.7
9/7/2011 9:25	Pb		4.98	ug/L	EPA-200.7
6/22/2011 10:20	pH		7.93	S.U.	
8/10/2011 9:20	pH		7.79	S.U.	

Cuyahoga River River Mile 10.75					
Sample Date	Parameter	Code	Result	Units	Method
8/17/2011 10:00	pH		7.94	S.U.	
8/23/2011 11:08	pH		8.16	S.U.	
8/31/2011 9:35	pH		8.08	S.U.	
9/7/2011 9:25	pH		7.94	S.U.	
6/22/2011 10:20	Sb	j	0.87	ug/L	EPA-200.7
8/10/2011 9:20	Sb	<	0.61	ug/L	EPA-200.7
8/17/2011 10:00	Sb	<	0.61	ug/L	EPA-200.7
8/23/2011 11:08	Sb	<	0.61	ug/L	EPA-200.7
8/31/2011 9:35	Sb	<	0.61	ug/L	EPA-200.7
9/7/2011 9:25	Sb	<	0.61	ug/L	EPA-200.7
6/22/2011 10:20	Se	<	0.63	ug/L	EPA-200.7
8/10/2011 9:20	Se	<	0.63	ug/L	EPA-200.7
8/17/2011 10:00	Se	<	0.63	ug/L	EPA-200.7
8/23/2011 11:08	Se	j	1.68	ug/L	EPA-200.7
8/31/2011 9:35	Se	j	0.9	ug/L	EPA-200.7
9/7/2011 9:25	Se	j	0.74	ug/L	EPA-200.7
6/22/2011 10:20	Sn	<	18.4	ug/L	EPA-200.7
8/10/2011 9:20	Sn	<	18.4	ug/L	EPA-200.7
8/17/2011 10:00	Sn	<	18.4	ug/L	EPA-200.7
8/23/2011 11:08	Sn	<	18.4	ug/L	EPA-200.7
8/31/2011 9:35	Sn	<	18.4	ug/L	EPA-200.7
9/7/2011 9:25	Sn	<	18.4	ug/L	EPA-200.7
6/22/2011 10:20	SO4		49.19	mg/L	EPA 300.0
6/22/2011 10:20	Soluble-P		0.068	mg/L	EPA 365.1
8/10/2011 9:20	Soluble-P		0.098	mg/L	EPA 365.1
8/17/2011 10:00	Soluble-P		0.064	mg/L	EPA 365.1
8/23/2011 11:08	Soluble-P		0.047	mg/L	EPA 365.1
8/31/2011 9:35	Soluble-P		0.065	mg/L	EPA 365.1
9/7/2011 9:25	Soluble-P		0.076	mg/L	EPA 365.1
6/22/2011 10:20	TDS		394	mg/L	SM2540C
8/10/2011 9:20	TDS		370	mg/L	SM2540C
8/17/2011 10:00	TDS		468	mg/L	SM2540C
8/23/2011 11:08	TDS		516	mg/L	SM2540C
8/31/2011 9:35	TDS		608	mg/L	SM2540C
9/7/2011 9:25	TDS		462	mg/L	SM2540C
6/22/2011 10:20	Ti		63.91	ug/L	EPA-200.7
8/10/2011 9:20	Ti		29.29	ug/L	EPA-200.7
8/17/2011 10:00	Ti		11.56	ug/L	EPA-200.7
8/23/2011 11:08	Ti		2.27	ug/L	EPA-200.7

Cuyahoga River River Mile 10.75					
Sample Date	Parameter	Code	Result	Units	Method
8/31/2011 9:35	Ti	j	1.48	ug/L	EPA-200.7
9/7/2011 9:25	Ti		38.54	ug/L	EPA-200.7
6/22/2011 10:20	TI	j	1.57	ug/L	EPA-200.7
8/10/2011 9:20	TI	<	1.11	ug/L	EPA-200.7
8/17/2011 10:00	TI	<	1.11	ug/L	EPA-200.7
8/23/2011 11:08	TI	j	1.47	ug/L	EPA-200.7
8/31/2011 9:35	TI	j	1.72	ug/L	EPA-200.7
9/7/2011 9:25	TI	<	1.11	ug/L	EPA-200.7
6/22/2011 10:20	TMET		61	ug/L	EPA-200.7
8/10/2011 9:20	TMET		76.1	ug/L	EPA-200.7
8/17/2011 10:00	TMET		32.6	ug/L	EPA-200.7
8/23/2011 11:08	TMET		15.3	ug/L	EPA-200.7
8/31/2011 9:35	TMET		15.9	ug/L	EPA-200.7
9/7/2011 9:25	TMET		39.6	ug/L	EPA-200.7
6/22/2011 10:20	Total-P		0.178	mg/L	EPA 365.1
8/10/2011 9:20	Total-P		0.274	mg/L	EPA 365.1
8/17/2011 10:00	Total-P		0.158	mg/L	EPA 365.1
8/23/2011 11:08	Total-P		0.102	mg/L	EPA 365.1
8/31/2011 9:35	Total-P		0.113	mg/L	EPA 365.1
9/7/2011 9:25	Total-P		0.173	mg/L	EPA 365.1
6/22/2011 10:20	TS		640	mg/L	SM2540B
8/10/2011 9:20	TS		652	mg/L	SM2540B
8/17/2011 10:00	TS		604	mg/L	SM2540B
8/23/2011 11:08	TS		670	mg/L	SM2540B
8/31/2011 9:35	TS		676	mg/L	SM2540B
9/7/2011 9:25	TS		642	mg/L	SM2540B
6/22/2011 10:20	TSS		147.2	mg/L	SM2540D
8/10/2011 9:20	TSS		243.2	mg/L	SM2540D
8/17/2011 10:00	TSS		76.2	mg/L	SM2540D
8/23/2011 11:08	TSS		20	mg/L	SM2540D
8/31/2011 9:35	TSS		12.6	mg/L	SM2540D
9/7/2011 9:25	TSS		95	mg/L	SM2540D
6/22/2011 10:20	Turbidity		94.5	NTU	EPA 180.1
8/10/2011 9:20	Turbidity		251	NTU	EPA 180.1
8/17/2011 10:00	Turbidity		36.44	NTU	EPA 180.1
8/23/2011 11:08	Turbidity		15.4	NTU	EPA 180.1
8/31/2011 9:35	Turbidity		7.06	NTU	EPA 180.1
9/7/2011 9:25	Turbidity		84	NTU	EPA 180.1
6/22/2011 10:20	V		6.62	ug/L	EPA-200.7

Cuyahoga River  
River Mile 10.75

Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 9:20	V		6.23	ug/L	EPA-200.7
8/17/2011 10:00	V		2.36	ug/L	EPA-200.7
8/23/2011 11:08	V	j	0.44	ug/L	EPA-200.7
8/31/2011 9:35	V	<	0.15	ug/L	EPA-200.7
9/7/2011 9:25	V		4.45	ug/L	EPA-200.7
6/22/2011 10:20	Zn		39.51	ug/L	EPA-200.7
8/10/2011 9:20	Zn		49.19	ug/L	EPA-200.7
8/17/2011 10:00	Zn		20.13	ug/L	EPA-200.7
8/23/2011 11:08	Zn	j	9.72	ug/L	EPA-200.7
8/31/2011 9:35	Zn		10.23	ug/L	EPA-200.7
9/7/2011 9:25	Zn		24.66	ug/L	EPA-200.7



Cuyahoga River River Mile 10.10					
Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 10:00	Ag	<	0.12	ug/L	EPA-200.7
8/10/2011 9:06	Ag	<	0.12	ug/L	EPA-200.7
8/17/2011 9:40	Ag	<	0.12	ug/L	EPA-200.7
8/23/2011 11:36	Ag	<	0.12	ug/L	EPA-200.7
8/31/2011 9:10	Ag	<	0.12	ug/L	EPA-200.7
9/7/2011 9:05	Ag	<	0.12	ug/L	EPA-200.7
6/22/2011 10:00	Al		2210	ug/L	EPA-200.7
8/10/2011 9:06	Al		3398	ug/L	EPA-200.7
8/17/2011 9:40	Al		678.5	ug/L	EPA-200.7
8/23/2011 11:36	Al		137.5	ug/L	EPA-200.7
8/31/2011 9:10	Al		97.04	ug/L	EPA-200.7
9/7/2011 9:05	Al		1108	ug/L	EPA-200.7
6/22/2011 10:00	Alkalinity		103.4	mg/LCaCO3	EPA-310.2
8/10/2011 9:06	Alkalinity		85.7	mg/LCaCO3	EPA-310.2
8/17/2011 9:40	Alkalinity		121.3	mg/LCaCO3	EPA-310.2
8/23/2011 11:36	Alkalinity		131.7	mg/LCaCO3	EPA-310.2
8/31/2011 9:10	Alkalinity		134.6	mg/LCaCO3	EPA-310.2
9/7/2011 9:05	Alkalinity		108.1	mg/LCaCO3	EPA-310.2
6/22/2011 10:00	As		3.17	ug/L	EPA-200.7
8/10/2011 9:06	As		6.1	ug/L	EPA-200.7
8/17/2011 9:40	As		3.57	ug/L	EPA-200.7
8/23/2011 11:36	As		2.44	ug/L	EPA-200.7
8/31/2011 9:10	As		2.19	ug/L	EPA-200.7
9/7/2011 9:05	As		2.49	ug/L	EPA-200.7
6/22/2011 10:00	Ba		51.5	ug/L	EPA-200.7
8/10/2011 9:06	Ba		52	ug/L	EPA-200.7
8/17/2011 9:40	Ba		47.6	ug/L	EPA-200.7
8/23/2011 11:36	Ba		41.6	ug/L	EPA-200.7
8/31/2011 9:10	Ba		46.9	ug/L	EPA-200.7
9/7/2011 9:05	Ba		43	ug/L	EPA-200.7
6/22/2011 10:00	Be	<	0.12	ug/L	EPA-200.7
8/10/2011 9:06	Be	j	0.2	ug/L	EPA-200.7
8/17/2011 9:40	Be	<	0.12	ug/L	EPA-200.7
8/23/2011 11:36	Be	<	0.12	ug/L	EPA-200.7
8/31/2011 9:10	Be	<	0.12	ug/L	EPA-200.7
9/7/2011 9:05	Be	<	0.12	ug/L	EPA-200.7
6/22/2011 10:00	BOD		4	mg/L	SM 5210
8/10/2011 9:06	BOD		5.5	mg/L	SM 5210
8/17/2011 9:40	BOD	<	2	mg/L	SM 5210
8/23/2011 11:36	BOD	<	2	mg/L	SM 5210

Cuyahoga River River Mile 10.10						
Sample Date	Parameter	Code	Result	Units	Method	
8/31/2011 9:10	BOD	<	2	mg/L	SM 5210	
9/7/2011 9:05	BOD	<	2	mg/L	SM 5210	
6/22/2011 10:00	Ca		53400	ug/L	EPA-200.7	
8/10/2011 9:06	Ca		45780	ug/L	EPA-200.7	
8/17/2011 9:40	Ca		66140	ug/L	EPA-200.7	
8/23/2011 11:36	Ca		65220	ug/L	EPA-200.7	
8/31/2011 9:10	Ca		73610	ug/L	EPA-200.7	
9/7/2011 9:05	Ca		62130	ug/L	EPA-200.7	
6/22/2011 10:00	CaCO3		185	mg/LCaCO3	EPA-200.7	
8/10/2011 9:06	CaCO3		166	mg/LCaCO3	EPA-200.7	
8/17/2011 9:40	CaCO3		224	mg/LCaCO3	EPA-200.7	
8/23/2011 11:36	CaCO3		227	mg/LCaCO3	EPA-200.7	
8/31/2011 9:10	CaCO3		257	mg/LCaCO3	EPA-200.7	
9/7/2011 9:05	CaCO3		212	mg/LCaCO3	EPA-200.7	
6/22/2011 10:00	Cd	j	0.02	ug/L	EPA-200.7	
8/10/2011 9:06	Cd	j	0.03	ug/L	EPA-200.7	
8/17/2011 9:40	Cd	j	0.14	ug/L	EPA-200.7	
8/23/2011 11:36	Cd	j	0.11	ug/L	EPA-200.7	
8/31/2011 9:10	Cd	j	0.12	ug/L	EPA-200.7	
9/7/2011 9:05	Cd	j	0.09	ug/L	EPA-200.7	
6/22/2011 10:00	Chloride		126.5	mg/L	EPA 300.0	
8/10/2011 9:06	Chloride		122	mg/L	SM 4500-Cl C	
8/17/2011 9:40	Chloride		122	mg/L	SM 4500-Cl C	
8/23/2011 11:36	Chloride		151	mg/L	SM 4500-Cl C	
8/31/2011 9:10	Chloride		180	mg/L	SM 4500-Cl C	
9/7/2011 9:05	Chloride		164	mg/L	SM 4500-Cl C	
6/22/2011 10:00	Co		2	ug/L	EPA-200.7	
8/10/2011 9:06	Co		3.99	ug/L	EPA-200.7	
8/17/2011 9:40	Co		1.29	ug/L	EPA-200.7	
8/23/2011 11:36	Co	j	0.68	ug/L	EPA-200.7	
8/31/2011 9:10	Co	j	0.5	ug/L	EPA-200.7	
9/7/2011 9:05	Co		1.24	ug/L	EPA-200.7	
6/22/2011 10:00	COD		20	mg/L	EPA 410.4	
8/10/2011 9:06	COD		33	mg/L	EPA 410.4	
8/17/2011 9:40	COD		18	mg/L	EPA 410.4	
8/23/2011 11:36	COD		13	mg/L	EPA 410.4	
8/31/2011 9:10	COD		10	mg/L	EPA 410.4	
9/7/2011 9:05	COD		25	mg/L	EPA 410.4	
6/22/2011 10:00	Cr		3.76	ug/L	EPA-200.7	

Cuyahoga River River Mile 10.10					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 9:06	Cr		7.73	ug/L	EPA-200.7
8/17/2011 9:40	Cr	j	1.48	ug/L	EPA-200.7
8/23/2011 11:36	Cr	j	0.64	ug/L	EPA-200.7
9/7/2011 9:05	Cr		2.38	ug/L	EPA-200.7
6/22/2011 10:00	Cr+6	j	3.866	ug/L	SM 3500-Cr-D
8/10/2011 9:06	Cr+6	j	2.167	ug/L	SM 3500-Cr-D
8/17/2011 9:40	Cr+6	j	1.841	ug/L	SM 3500-Cr-D
8/23/2011 11:36	Cr+6	<	1	ug/L	SM 3500-Cr-D
9/7/2011 9:05	Cr+6	j	3.166	ug/L	SM 3500-Cr-D
6/22/2011 10:00	Cu		9.68	ug/L	EPA-200.7
8/10/2011 9:06	Cu		12.64	ug/L	EPA-200.7
8/17/2011 9:40	Cu		6.61	ug/L	EPA-200.7
8/23/2011 11:36	Cu		5.48	ug/L	EPA-200.7
8/31/2011 9:10	Cu		4.26	ug/L	EPA-200.7
9/7/2011 9:05	Cu		6.94	ug/L	EPA-200.7
6/22/2011 10:00	E. coli	EC	6318	cfu/100mL	EPA 1603
8/10/2011 9:06	E. coli		7400	cfu/100mL	EPA 1603
8/17/2011 9:40	E. coli		620	cfu/100mL	EPA 1603
8/23/2011 11:36	E. coli		112	cfu/100mL	EPA 1603
8/31/2011 9:10	E. coli		143	cfu/100mL	EPA 1603
9/7/2011 9:05	E. coli		3360	cfu/100mL	EPA 1603
6/22/2011 10:00	Fe		3420	ug/L	EPA-200.7
8/10/2011 9:06	Fe		8207	ug/L	EPA-200.7
8/17/2011 9:40	Fe		1909	ug/L	EPA-200.7
8/23/2011 11:36	Fe		441	ug/L	EPA-200.7
8/31/2011 9:10	Fe		353.4	ug/L	EPA-200.7
9/7/2011 9:05	Fe		2158	ug/L	EPA-200.7
6/22/2011 10:00	Field Cond		747	uS/cm	SM 2510A
8/10/2011 9:06	Field Cond		654	uS/cm	SM 2510A
8/17/2011 9:40	Field Cond		742	uS/cm	SM 2510A
8/23/2011 11:36	Field Cond		903	uS/cm	SM 2510A
8/31/2011 9:10	Field Cond		963	uS/cm	SM 2510A
9/7/2011 9:05	Field Cond		755	uS/cm	SM 2510A
8/10/2011 9:06	Field DO		10.66	mg/L	SM 4500-0 G
8/17/2011 9:40	Field DO		9.99	mg/L	SM 4500-0 G
8/23/2011 11:36	Field DO		8.55	mg/L	SM 4500-0 G
8/31/2011 9:10	Field DO		8.25	mg/L	SM 4500-0 G
9/7/2011 9:05	Field DO		8.55	mg/L	SM 4500-0 G
6/22/2011 10:00	Field Temp		22	C	EPA 170.1

Cuyahoga River River Mile 10.10					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 9:06	Field Temp		22.5	C	EPA 170.1
8/17/2011 9:40	Field Temp		21.2	C	EPA 170.1
8/23/2011 11:36	Field Temp		21.6	C	EPA 170.1
8/31/2011 9:10	Field Temp		21.4	C	EPA 170.1
9/7/2011 9:05	Field Temp		19.5	C	EPA 170.1
6/22/2011 10:00	Hg		0.0075	ug/L	EPA 1631E
8/10/2011 9:06	Hg	<	0.005	ug/L	EPA 245.1
8/17/2011 9:40	Hg	<	0.005	ug/L	EPA 245.1
8/23/2011 11:36	Hg	<	0.005	ug/L	EPA 245.1
8/31/2011 9:10	Hg	<	0.005	ug/L	EPA 245.1
9/7/2011 9:05	Hg	<	0.005	ug/L	EPA 245.1
6/22/2011 10:00	K		6772	ug/L	EPA-200.7
8/10/2011 9:06	K		7324	ug/L	EPA-200.7
8/17/2011 9:40	K		7869	ug/L	EPA-200.7
8/23/2011 11:36	K		7300	ug/L	EPA-200.7
8/31/2011 9:10	K		9093	ug/L	EPA-200.7
9/7/2011 9:05	K		7293	ug/L	EPA-200.7
6/22/2011 10:00	Mg		12600	ug/L	EPA-200.7
8/10/2011 9:06	Mg		12440	ug/L	EPA-200.7
8/17/2011 9:40	Mg		14300	ug/L	EPA-200.7
8/23/2011 11:36	Mg		15670	ug/L	EPA-200.7
8/31/2011 9:10	Mg		17770	ug/L	EPA-200.7
9/7/2011 9:05	Mg		13910	ug/L	EPA-200.7
6/22/2011 10:00	Mn		174.4	ug/L	EPA-200.7
8/10/2011 9:06	Mn		248.1	ug/L	EPA-200.7
8/17/2011 9:40	Mn		109.7	ug/L	EPA-200.7
8/23/2011 11:36	Mn		55.01	ug/L	EPA-200.7
8/31/2011 9:10	Mn		50.61	ug/L	EPA-200.7
9/7/2011 9:05	Mn		87.38	ug/L	EPA-200.7
6/22/2011 10:00	Mo		4.78	ug/L	EPA-200.7
8/10/2011 9:06	Mo		6.51	ug/L	EPA-200.7
8/17/2011 9:40	Mo		4.68	ug/L	EPA-200.7
8/23/2011 11:36	Mo		5.09	ug/L	EPA-200.7
8/31/2011 9:10	Mo		7.01	ug/L	EPA-200.7
9/7/2011 9:05	Mo		6.94	ug/L	EPA-200.7
6/22/2011 10:00	Na		80150	ug/L	EPA-200.7
8/10/2011 9:06	Na		70730	ug/L	EPA-200.7
8/17/2011 9:40	Na		81700	ug/L	EPA-200.7
8/23/2011 11:36	Na		92720	ug/L	EPA-200.7
8/31/2011 9:10	Na		107500	ug/L	EPA-200.7

Cuyahoga River River Mile 10.10					
Sample Date	Parameter	Code	Result	Units	Method
9/7/2011 9:05	Na		85740	ug/L	EPA-200.7
6/22/2011 10:00	NH3		0.077	mg/L	EPA-350.1
8/10/2011 9:06	NH3		0.199	mg/L	EPA-350.1
8/17/2011 9:40	NH3		0.054	mg/L	EPA-350.1
8/23/2011 11:36	NH3		0.058	mg/L	EPA-350.1
8/31/2011 9:10	NH3		0.105	mg/L	EPA-350.1
9/7/2011 9:05	NH3		0.269	mg/L	EPA-350.1
6/22/2011 10:00	Ni		6.41	ug/L	EPA-200.7
8/10/2011 9:06	Ni		11.77	ug/L	EPA-200.7
8/17/2011 9:40	Ni		4.87	ug/L	EPA-200.7
8/23/2011 11:36	Ni		3.75	ug/L	EPA-200.7
8/31/2011 9:10	Ni		4.44	ug/L	EPA-200.7
9/7/2011 9:05	Ni		5.96	ug/L	EPA-200.7
6/22/2011 10:00	NO2		0.034	mg/L	SM 4500-NO2-B
8/10/2011 9:06	NO2		0.086	mg/L	SM 4500-NO2-B
8/17/2011 9:40	NO2		0.014	mg/L	SM 4500-NO2-B
8/23/2011 11:36	NO2		0.017	mg/L	SM 4500-NO2-B
8/31/2011 9:10	NO2		0.031	mg/L	SM 4500-NO2-B
9/7/2011 9:05	NO2		0.061	mg/L	SM 4500-NO2-B
8/10/2011 9:06	NO3		2.923	mg/L	EPA 353.2
8/17/2011 9:40	NO3		3.198	mg/L	EPA 353.2
8/23/2011 11:36	NO3		4.973	mg/L	EPA 353.2
8/31/2011 9:10	NO3		5.545	mg/L	EPA 353.2
9/7/2011 9:05	NO3		4.957	mg/L	EPA 353.2
6/22/2011 10:00	NO3+NO2		2.774	mg/L	EPA 353.2
8/10/2011 9:06	NO3+NO2		3.009	mg/L	EPA 353.2
8/17/2011 9:40	NO3+NO2		3.212	mg/L	EPA 353.2
8/23/2011 11:36	NO3+NO2		4.99	mg/L	EPA 353.2
8/31/2011 9:10	NO3+NO2		5.576	mg/L	EPA 353.2
9/7/2011 9:05	NO3+NO2		5.018	mg/L	EPA 353.2
6/22/2011 10:00	Pb		5.67	ug/L	EPA-200.7
8/10/2011 9:06	Pb		8.79	ug/L	EPA-200.7
8/17/2011 9:40	Pb		3.39	ug/L	EPA-200.7
8/23/2011 11:36	Pb	j	0.44	ug/L	EPA-200.7
8/31/2011 9:10	Pb	j	0.51	ug/L	EPA-200.7
9/7/2011 9:05	Pb		4.21	ug/L	EPA-200.7
6/22/2011 10:00	pH		7.78	S.U.	
8/10/2011 9:06	pH		7.23	S.U.	
8/17/2011 9:40	pH		7.84	S.U.	

Cuyahoga River River Mile 10.10					
Sample Date	Parameter	Code	Result	Units	Method
8/23/2011 11:36	pH		7.94	S.U.	
8/31/2011 9:10	pH		7.74	S.U.	
9/7/2011 9:05	pH		7.43	S.U.	
6/22/2011 10:00	Sb	j	1.07	ug/L	EPA-200.7
8/10/2011 9:06	Sb	<	0.61	ug/L	EPA-200.7
8/17/2011 9:40	Sb	<	0.61	ug/L	EPA-200.7
8/23/2011 11:36	Sb	j	0.71	ug/L	EPA-200.7
8/31/2011 9:10	Sb	<	0.61	ug/L	EPA-200.7
9/7/2011 9:05	Sb	j	0.78	ug/L	EPA-200.7
6/22/2011 10:00	Se	<	0.63	ug/L	EPA-200.7
8/10/2011 9:06	Se	<	0.63	ug/L	EPA-200.7
8/17/2011 9:40	Se	j	0.67	ug/L	EPA-200.7
8/23/2011 11:36	Se	j	1.54	ug/L	EPA-200.7
8/31/2011 9:10	Se	j	1.04	ug/L	EPA-200.7
9/7/2011 9:05	Se	j	1.28	ug/L	EPA-200.7
6/22/2011 10:00	Sn	<	18.4	ug/L	EPA-200.7
8/10/2011 9:06	Sn	<	18.4	ug/L	EPA-200.7
8/17/2011 9:40	Sn	<	18.4	ug/L	EPA-200.7
8/23/2011 11:36	Sn	<	18.4	ug/L	EPA-200.7
8/31/2011 9:10	Sn	<	18.4	ug/L	EPA-200.7
9/7/2011 9:05	Sn	<	18.4	ug/L	EPA-200.7
6/22/2011 10:00	SO4		52.45	mg/L	EPA 300.0
6/22/2011 10:00	Soluble-P		0.102	mg/L	EPA 365.1
8/10/2011 9:06	Soluble-P		0.173	mg/L	EPA 365.1
8/17/2011 9:40	Soluble-P		0.104	mg/L	EPA 365.1
8/23/2011 11:36	Soluble-P		0.234	mg/L	EPA 365.1
8/31/2011 9:10	Soluble-P		0.173	mg/L	EPA 365.1
9/7/2011 9:05	Soluble-P		0.179	mg/L	EPA 365.1
6/22/2011 10:00	TDS		394	mg/L	SM2540C
8/10/2011 9:06	TDS		458	mg/L	SM2540C
8/17/2011 9:40	TDS		500	mg/L	SM2540C
8/23/2011 11:36	TDS		520	mg/L	SM2540C
8/31/2011 9:10	TDS		612	mg/L	SM2540C
9/7/2011 9:05	TDS		482	mg/L	SM2540C
6/22/2011 10:00	Ti		45.3	ug/L	EPA-200.7
8/10/2011 9:06	Ti		37.96	ug/L	EPA-200.7
8/17/2011 9:40	Ti		8.81	ug/L	EPA-200.7
8/23/2011 11:36	Ti	j	1.84	ug/L	EPA-200.7
8/31/2011 9:10	Ti	j	1.28	ug/L	EPA-200.7

Cuyahoga River River Mile 10.10					
Sample Date	Parameter	Code	Result	Units	Method
9/7/2011 9:05	TI		19.46	ug/L	EPA-200.7
6/22/2011 10:00	TI	j	1.34	ug/L	EPA-200.7
8/10/2011 9:06	TI	<	1.11	ug/L	EPA-200.7
8/17/2011 9:40	TI	<	1.11	ug/L	EPA-200.7
8/23/2011 11:36	TI	j	1.58	ug/L	EPA-200.7
8/31/2011 9:10	TI	j	1.3	ug/L	EPA-200.7
9/7/2011 9:05	TI	<	1.11	ug/L	EPA-200.7
6/22/2011 10:00	TMET		55.6	ug/L	EPA-200.7
8/10/2011 9:06	TMET		89.2	ug/L	EPA-200.7
8/17/2011 9:40	TMET		34	ug/L	EPA-200.7
8/23/2011 11:36	TMET		25.4	ug/L	EPA-200.7
8/31/2011 9:10	TMET		25.4	ug/L	EPA-200.7
9/7/2011 9:05	TMET		44	ug/L	EPA-200.7
6/22/2011 10:00	Total-P		0.234	mg/L	EPA 365.1
8/10/2011 9:06	Total-P		0.334	mg/L	EPA 365.1
8/17/2011 9:40	Total-P		0.19	mg/L	EPA 365.1
8/23/2011 11:36	Total-P		0.295	mg/L	EPA 365.1
8/31/2011 9:10	Total-P		0.232	mg/L	EPA 365.1
9/7/2011 9:05	Total-P		0.252	mg/L	EPA 365.1
6/22/2011 10:00	TS		576	mg/L	SM2540B
8/10/2011 9:06	TS		694	mg/L	SM2540B
8/17/2011 9:40	TS		592	mg/L	SM2540B
8/23/2011 11:36	TS		660	mg/L	SM2540B
8/31/2011 9:10	TS		690	mg/L	SM2540B
9/7/2011 9:05	TS		628	mg/L	SM2540B
6/22/2011 10:00	TSS		109.6	mg/L	SM2540D
8/10/2011 9:06	TSS		174.8	mg/L	SM2540D
8/17/2011 9:40	TSS		70.6	mg/L	SM2540D
8/23/2011 11:36	TSS		16	mg/L	SM2540D
8/31/2011 9:10	TSS		10.2	mg/L	SM2540D
9/7/2011 9:05	TSS		66.6	mg/L	SM2540D
6/22/2011 10:00	Turbidity		88.5	NTU	EPA 180.1
8/10/2011 9:06	Turbidity		195	NTU	EPA 180.1
8/17/2011 9:40	Turbidity		33.91	NTU	EPA 180.1
8/23/2011 11:36	Turbidity		9.78	NTU	EPA 180.1
8/31/2011 9:10	Turbidity		7	NTU	EPA 180.1
9/7/2011 9:05	Turbidity		47.2	NTU	EPA 180.1
6/22/2011 10:00	V		4.93	ug/L	EPA-200.7
8/10/2011 9:06	V		7.47	ug/L	EPA-200.7

Cuyahoga River River Mile 10.10					
Sample Date	Parameter	Code	Result	Units	Method
8/17/2011 9:40	V		1.76	ug/L	EPA-200.7
8/23/2011 11:36	V	j	0.78	ug/L	EPA-200.7
8/31/2011 9:10	V	j	0.24	ug/L	EPA-200.7
9/7/2011 9:05	V		3.22	ug/L	EPA-200.7
6/22/2011 10:00	Zn		35.76	ug/L	EPA-200.7
8/10/2011 9:06	Zn		57.09	ug/L	EPA-200.7
8/17/2011 9:40	Zn		21.02	ug/L	EPA-200.7
8/23/2011 11:36	Zn		15.54	ug/L	EPA-200.7
8/31/2011 9:10	Zn		16.28	ug/L	EPA-200.7
9/7/2011 9:05	Zn		28.75	ug/L	EPA-200.7



Cuyahoga River River Mile 8.60					
Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 9:17	Ag	<	0.12	ug/L	EPA-200.7
8/10/2011 10:35	Ag	<	0.12	ug/L	EPA-200.7
8/17/2011 9:00	Ag	<	0.12	ug/L	EPA-200.7
8/23/2011 12:16	Ag	<	0.12	ug/L	EPA-200.7
8/31/2011 11:27	Ag	<	0.12	ug/L	EPA-200.7
9/7/2011 8:52	Ag	<	0.12	ug/L	EPA-200.7
6/22/2011 9:17	Al		2094	ug/L	EPA-200.7
8/10/2011 10:35	Al		2245	ug/L	EPA-200.7
8/17/2011 9:00	Al		939.8	ug/L	EPA-200.7
8/23/2011 12:16	Al		234.4	ug/L	EPA-200.7
8/31/2011 11:27	Al		94.49	ug/L	EPA-200.7
9/7/2011 8:52	Al		1656	ug/L	EPA-200.7
6/22/2011 9:17	Alkalinity		97.7	mg/LCaCO3	EPA-310.2
8/10/2011 10:35	Alkalinity		83.4	mg/LCaCO3	EPA-310.2
8/17/2011 9:00	Alkalinity		119.2	mg/LCaCO3	EPA-310.2
8/23/2011 12:16	Alkalinity		132.6	mg/LCaCO3	EPA-310.2
8/31/2011 11:27	Alkalinity		136.9	mg/LCaCO3	EPA-310.2
9/7/2011 8:52	Alkalinity		105.2	mg/LCaCO3	EPA-310.2
6/22/2011 9:17	As		2.93	ug/L	EPA-200.7
8/10/2011 10:35	As		4.84	ug/L	EPA-200.7
8/17/2011 9:00	As		4.08	ug/L	EPA-200.7
8/23/2011 12:16	As		2.45	ug/L	EPA-200.7
8/31/2011 11:27	As		2.1	ug/L	EPA-200.7
9/7/2011 8:52	As		2.9	ug/L	EPA-200.7
6/22/2011 9:17	Ba		47.6	ug/L	EPA-200.7
8/10/2011 10:35	Ba		50	ug/L	EPA-200.7
8/17/2011 9:00	Ba		49.4	ug/L	EPA-200.7
8/23/2011 12:16	Ba		44.6	ug/L	EPA-200.7
8/31/2011 11:27	Ba		47.5	ug/L	EPA-200.7
9/7/2011 8:52	Ba		45.8	ug/L	EPA-200.7
6/22/2011 9:17	Be	<	0.12	ug/L	EPA-200.7
8/10/2011 10:35	Be	j	0.15	ug/L	EPA-200.7
8/17/2011 9:00	Be	<	0.12	ug/L	EPA-200.7
8/23/2011 12:16	Be	<	0.12	ug/L	EPA-200.7
8/31/2011 11:27	Be	<	0.12	ug/L	EPA-200.7
9/7/2011 8:52	Be	<	0.12	ug/L	EPA-200.7
6/22/2011 9:17	BOD		2.9	mg/L	SM 5210
8/10/2011 10:35	BOD		3.8	mg/L	SM 5210
8/17/2011 9:00	BOD	<	2	mg/L	SM 5210
8/23/2011 12:16	BOD		8.7	mg/L	SM 5210

Cuyahoga River  
River Mile 8.60

Sample Date	Parameter	Code	Result	Units	Method
8/31/2011 11:27	BOD	<	2	mg/L	SM 5210
9/7/2011 8:52	BOD	<	2	mg/L	SM 5210
6/22/2011 9:17	Ca		51420	ug/L	EPA-200.7
8/10/2011 10:35	Ca		48830	ug/L	EPA-200.7
8/17/2011 9:00	Ca		68040	ug/L	EPA-200.7
8/23/2011 12:16	Ca		66340	ug/L	EPA-200.7
8/31/2011 11:27	Ca		74950	ug/L	EPA-200.7
9/7/2011 8:52	Ca		58680	ug/L	EPA-200.7
6/22/2011 9:17	CaCO3		177	mg/LCaCO3	EPA-200.7
8/10/2011 10:35	CaCO3		171	mg/LCaCO3	EPA-200.7
8/17/2011 9:00	CaCO3		228	mg/LCaCO3	EPA-200.7
8/23/2011 12:16	CaCO3		231	mg/LCaCO3	EPA-200.7
8/31/2011 11:27	CaCO3		262	mg/LCaCO3	EPA-200.7
9/7/2011 8:52	CaCO3		203	mg/LCaCO3	EPA-200.7
6/22/2011 9:17	Cd	j	0.02	ug/L	EPA-200.7
8/10/2011 10:35	Cd	j	0.07	ug/L	EPA-200.7
8/17/2011 9:00	Cd	j	0.16	ug/L	EPA-200.7
8/23/2011 12:16	Cd	j	0.13	ug/L	EPA-200.7
8/31/2011 11:27	Cd	j	0.15	ug/L	EPA-200.7
9/7/2011 8:52	Cd	j	0.12	ug/L	EPA-200.7
6/22/2011 9:17	Chloride		114.3	mg/L	EPA 300.0
8/10/2011 10:35	Chloride		121	mg/L	SM 4500-Cl C
8/17/2011 9:00	Chloride		121	mg/L	SM 4500-Cl C
8/23/2011 12:16	Chloride		154	mg/L	SM 4500-Cl C
8/31/2011 11:27	Chloride		180	mg/L	SM 4500-Cl C
9/7/2011 8:52	Chloride		150	mg/L	SM 4500-Cl C
6/22/2011 9:17	Co		1.92	ug/L	EPA-200.7
8/10/2011 10:35	Co		2.9	ug/L	EPA-200.7
8/17/2011 9:00	Co		1.51	ug/L	EPA-200.7
8/23/2011 12:16	Co	j	0.79	ug/L	EPA-200.7
8/31/2011 11:27	Co	j	0.46	ug/L	EPA-200.7
9/7/2011 8:52	Co		1.72	ug/L	EPA-200.7
6/22/2011 9:17	COD		16	mg/L	EPA 410.4
8/10/2011 10:35	COD		27	mg/L	EPA 410.4
8/17/2011 9:00	COD		16	mg/L	EPA 410.4
8/23/2011 12:16	COD		12	mg/L	EPA 410.4
8/31/2011 11:27	COD		13	mg/L	EPA 410.4
9/7/2011 8:52	COD		23	mg/L	EPA 410.4
6/22/2011 9:17	Cr		3.73	ug/L	EPA-200.7

Cuyahoga River River Mile 8.60					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 10:35	Cr		4.37	ug/L	EPA-200.7
8/17/2011 9:00	Cr	j	1.97	ug/L	EPA-200.7
8/23/2011 12:16	Cr	j	0.92	ug/L	EPA-200.7
9/7/2011 8:52	Cr		2.99	ug/L	EPA-200.7
6/22/2011 9:17	Cr+6	j	4.082	ug/L	SM 3500-Cr-D
8/10/2011 10:35	Cr+6	j	1.944	ug/L	SM 3500-Cr-D
8/17/2011 9:00	Cr+6	j	1.636	ug/L	SM 3500-Cr-D
8/23/2011 12:16	Cr+6	<	1	ug/L	SM 3500-Cr-D
9/7/2011 8:52	Cr+6	j	2.962	ug/L	SM 3500-Cr-D
6/22/2011 9:17	Cu		12	ug/L	EPA-200.7
8/10/2011 10:35	Cu		11.08	ug/L	EPA-200.7
8/17/2011 9:00	Cu		7.46	ug/L	EPA-200.7
8/23/2011 12:16	Cu		6.75	ug/L	EPA-200.7
8/31/2011 11:27	Cu		4.48	ug/L	EPA-200.7
9/7/2011 8:52	Cu		8.45	ug/L	EPA-200.7
6/22/2011 9:17	E. coli		11500	cfu/100mL	EPA 1603
8/10/2011 10:35	E. coli		6800	cfu/100mL	EPA 1603
8/17/2011 9:00	E. coli		780	cfu/100mL	EPA 1603
8/23/2011 12:16	E. coli		190	cfu/100mL	EPA 1603
8/31/2011 11:27	E. coli	EC	153	cfu/100mL	EPA 1603
9/7/2011 8:52	E. coli		3000	cfu/100mL	EPA 1603
6/22/2011 9:17	Fe		3437	ug/L	EPA-200.7
8/10/2011 10:35	Fe		5251	ug/L	EPA-200.7
8/17/2011 9:00	Fe		2581	ug/L	EPA-200.7
8/23/2011 12:16	Fe		771.2	ug/L	EPA-200.7
8/31/2011 11:27	Fe		351.6	ug/L	EPA-200.7
9/7/2011 8:52	Fe		3111	ug/L	EPA-200.7
6/22/2011 9:17	Field Cond		710	uS/cm	SM 2510A
8/10/2011 10:35	Field Cond		640	uS/cm	SM 2510A
8/17/2011 9:00	Field Cond		758	uS/cm	SM 2510A
8/23/2011 12:16	Field Cond		911	uS/cm	SM 2510A
8/31/2011 11:27	Field Cond		970	uS/cm	SM 2510A
9/7/2011 8:52	Field Cond		758	uS/cm	SM 2510A
6/22/2011 9:17	Field DO		8.66	mg/L	SM 4500-O G
8/10/2011 10:35	Field DO		8.73	mg/L	SM 4500-O G
8/17/2011 9:00	Field DO		9.71	mg/L	SM 4500-O G
8/23/2011 12:16	Field DO		8.66	mg/L	SM 4500-O G
8/31/2011 11:27	Field DO		8.52	mg/L	SM 4500-O G
9/7/2011 8:52	Field DO		8.93	mg/L	SM 4500-O G

Cuyahoga River  
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Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 9:17	Field Temp		22	C	EPA 170.1
8/10/2011 10:35	Field Temp		22.4	C	EPA 170.1
8/17/2011 9:00	Field Temp		21.2	C	EPA 170.1
8/23/2011 12:16	Field Temp		21.7	C	EPA 170.1
8/31/2011 11:27	Field Temp		21.4	C	EPA 170.1
9/7/2011 8:52	Field Temp		19.6	C	EPA 170.1
6/22/2011 9:17	Hg		0.00664	ug/L	EPA 1631E
8/10/2011 10:35	Hg	<	0.005	ug/L	EPA 245.1
8/17/2011 9:00	Hg	<	0.005	ug/L	EPA 245.1
8/23/2011 12:16	Hg	<	0.005	ug/L	EPA 245.1
8/31/2011 11:27	Hg	<	0.005	ug/L	EPA 245.1
9/7/2011 8:52	Hg	<	0.005	ug/L	EPA 245.1
6/22/2011 9:17	K		6680	ug/L	EPA-200.7
8/10/2011 10:35	K		7279	ug/L	EPA-200.7
8/17/2011 9:00	K		8352	ug/L	EPA-200.7
8/23/2011 12:16	K		7565	ug/L	EPA-200.7
8/31/2011 11:27	K		9301	ug/L	EPA-200.7
9/7/2011 8:52	K		7122	ug/L	EPA-200.7
6/22/2011 9:17	Mg		11820	ug/L	EPA-200.7
8/10/2011 10:35	Mg		12010	ug/L	EPA-200.7
8/17/2011 9:00	Mg		14170	ug/L	EPA-200.7
8/23/2011 12:16	Mg		15920	ug/L	EPA-200.7
8/31/2011 11:27	Mg		18080	ug/L	EPA-200.7
9/7/2011 8:52	Mg		13720	ug/L	EPA-200.7
6/22/2011 9:17	Mn		151.7	ug/L	EPA-200.7
8/10/2011 10:35	Mn		221	ug/L	EPA-200.7
8/17/2011 9:00	Mn		114.2	ug/L	EPA-200.7
8/23/2011 12:16	Mn		67.97	ug/L	EPA-200.7
8/31/2011 11:27	Mn		53.51	ug/L	EPA-200.7
9/7/2011 8:52	Mn		106.4	ug/L	EPA-200.7
6/22/2011 9:17	Mo		5.02	ug/L	EPA-200.7
8/10/2011 10:35	Mo		5.79	ug/L	EPA-200.7
8/17/2011 9:00	Mo		4.8	ug/L	EPA-200.7
8/23/2011 12:16	Mo		5.08	ug/L	EPA-200.7
8/31/2011 11:27	Mo		7.22	ug/L	EPA-200.7
9/7/2011 8:52	Mo		5.68	ug/L	EPA-200.7
6/22/2011 9:17	Na		75000	ug/L	EPA-200.7
8/10/2011 10:35	Na		73350	ug/L	EPA-200.7
8/17/2011 9:00	Na		83810	ug/L	EPA-200.7
8/23/2011 12:16	Na		94130	ug/L	EPA-200.7

Cuyahoga River River Mile 8.60					
Sample Date	Parameter	Code	Result	Units	Method
8/31/2011 11:27	Na		108900	ug/L	EPA-200.7
9/7/2011 8:52	Na		79970	ug/L	EPA-200.7
6/22/2011 9:17	NH3		0.078	mg/L	EPA-350.1
8/10/2011 10:35	NH3		0.188	mg/L	EPA-350.1
8/17/2011 9:00	NH3		0.057	mg/L	EPA-350.1
8/23/2011 12:16	NH3		0.048	mg/L	EPA-350.1
8/31/2011 11:27	NH3		0.125	mg/L	EPA-350.1
9/7/2011 8:52	NH3		0.209	mg/L	EPA-350.1
6/22/2011 9:17	Ni		6.97	ug/L	EPA-200.7
8/10/2011 10:35	Ni		8.23	ug/L	EPA-200.7
8/17/2011 9:00	Ni		5.76	ug/L	EPA-200.7
8/23/2011 12:16	Ni		3.81	ug/L	EPA-200.7
8/31/2011 11:27	Ni		4.5	ug/L	EPA-200.7
9/7/2011 8:52	Ni		6.69	ug/L	EPA-200.7
6/22/2011 9:17	NO2		0.035	mg/L	SM 4500-NO2-B
8/10/2011 10:35	NO2		0.08	mg/L	SM 4500-NO2-B
8/17/2011 9:00	NO2		0.015	mg/L	SM 4500-NO2-B
8/23/2011 12:16	NO2		0.016	mg/L	SM 4500-NO2-B
8/31/2011 11:27	NO2		0.031	mg/L	SM 4500-NO2-B
9/7/2011 8:52	NO2		0.053	mg/L	SM 4500-NO2-B
8/10/2011 10:35	NO3		2.826	mg/L	EPA 353.2
8/17/2011 9:00	NO3		3.187	mg/L	EPA 353.2
8/23/2011 12:16	NO3		4.431	mg/L	EPA 353.2
8/31/2011 11:27	NO3		5.578	mg/L	EPA 353.2
9/7/2011 8:52	NO3		4.827	mg/L	EPA 353.2
6/22/2011 9:17	NO3+NO2		2.924	mg/L	EPA 353.2
8/10/2011 10:35	NO3+NO2		2.906	mg/L	EPA 353.2
8/17/2011 9:00	NO3+NO2		3.202	mg/L	EPA 353.2
8/23/2011 12:16	NO3+NO2		4.447	mg/L	EPA 353.2
8/31/2011 11:27	NO3+NO2		5.609	mg/L	EPA 353.2
9/7/2011 8:52	NO3+NO2		4.88	mg/L	EPA 353.2
6/22/2011 9:17	Pb		5.96	ug/L	EPA-200.7
8/10/2011 10:35	Pb		7.35	ug/L	EPA-200.7
8/17/2011 9:00	Pb		4.05	ug/L	EPA-200.7
8/23/2011 12:16	Pb	j	1.01	ug/L	EPA-200.7
8/31/2011 11:27	Pb	j	0.75	ug/L	EPA-200.7
9/7/2011 8:52	Pb		6.66	ug/L	EPA-200.7
6/22/2011 9:17	pH		7.71	S.U.	
8/10/2011 10:35	pH		7.75	S.U.	

Cuyahoga River River Mile 8.60					
Sample Date	Parameter	Code	Result	Units	Method
8/17/2011 9:00	pH		7.71	S.U.	
8/23/2011 12:16	pH		8	S.U.	
8/31/2011 11:27	pH		7.87	S.U.	
9/7/2011 8:52	pH		7.33	S.U.	
6/22/2011 9:17	Sb	j	0.89	ug/L	EPA-200.7
8/10/2011 10:35	Sb	j	0.78	ug/L	EPA-200.7
8/17/2011 9:00	Sb	<	0.61	ug/L	EPA-200.7
8/23/2011 12:16	Sb	j	0.83	ug/L	EPA-200.7
8/31/2011 11:27	Sb	<	0.61	ug/L	EPA-200.7
9/7/2011 8:52	Sb	j	1.13	ug/L	EPA-200.7
6/22/2011 9:17	Se	<	0.63	ug/L	EPA-200.7
8/10/2011 10:35	Se	<	0.63	ug/L	EPA-200.7
8/17/2011 9:00	Se	<	0.63	ug/L	EPA-200.7
8/23/2011 12:16	Se	j	1.31	ug/L	EPA-200.7
8/31/2011 11:27	Se	j	0.99	ug/L	EPA-200.7
9/7/2011 8:52	Se	<	0.63	ug/L	EPA-200.7
6/22/2011 9:17	Sn	<	18.4	ug/L	EPA-200.7
8/10/2011 10:35	Sn	<	18.4	ug/L	EPA-200.7
8/17/2011 9:00	Sn	<	18.4	ug/L	EPA-200.7
8/23/2011 12:16	Sn	<	18.4	ug/L	EPA-200.7
8/31/2011 11:27	Sn	<	18.4	ug/L	EPA-200.7
9/7/2011 8:52	Sn	<	18.4	ug/L	EPA-200.7
6/22/2011 9:17	SO4		48.52	mg/L	EPA 300.0
6/22/2011 9:17	Soluble-P		0.123	mg/L	EPA 365.1
8/10/2011 10:35	Soluble-P		0.174	mg/L	EPA 365.1
8/17/2011 9:00	Soluble-P		0.1	mg/L	EPA 365.1
8/23/2011 12:16	Soluble-P		0.192	mg/L	EPA 365.1
8/31/2011 11:27	Soluble-P		0.173	mg/L	EPA 365.1
9/7/2011 8:52	Soluble-P		0.168	mg/L	EPA 365.1
6/22/2011 9:17	TDS		320	mg/L	SM2540C
8/10/2011 10:35	TDS		444	mg/L	SM2540C
8/17/2011 9:00	TDS		492	mg/L	SM2540C
8/23/2011 12:16	TDS		530	mg/L	SM2540C
8/31/2011 11:27	TDS		574	mg/L	SM2540C
9/7/2011 8:52	TDS		458	mg/L	SM2540C
6/22/2011 9:17	Ti		42.6	ug/L	EPA-200.7
8/10/2011 10:35	Ti		27.33	ug/L	EPA-200.7
8/17/2011 9:00	Ti		11.88	ug/L	EPA-200.7
8/23/2011 12:16	Ti		3.88	ug/L	EPA-200.7

Cuyahoga River  
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Sample Date	Parameter	Code	Result	Units	Method
8/31/2011 11:27	Ti	j	1.24	ug/L	EPA-200.7
9/7/2011 8:52	Ti		30.29	ug/L	EPA-200.7
6/22/2011 9:17	TI	j	2.07	ug/L	EPA-200.7
8/10/2011 10:35	TI	<	1.11	ug/L	EPA-200.7
8/17/2011 9:00	TI	<	1.11	ug/L	EPA-200.7
8/23/2011 12:16	TI	<	1.11	ug/L	EPA-200.7
8/31/2011 11:27	TI	j	1.68	ug/L	EPA-200.7
9/7/2011 8:52	TI	<	1.11	ug/L	EPA-200.7
6/22/2011 9:17	TMET		60.2	ug/L	EPA-200.7
8/10/2011 10:35	TMET		68.7	ug/L	EPA-200.7
8/17/2011 9:00	TMET		40.2	ug/L	EPA-200.7
8/23/2011 12:16	TMET		36.9	ug/L	EPA-200.7
8/31/2011 11:27	TMET		27.6	ug/L	EPA-200.7
9/7/2011 8:52	TMET		50.4	ug/L	EPA-200.7
6/22/2011 9:17	Total-P		0.247	mg/L	EPA 365.1
8/10/2011 10:35	Total-P		0.332	mg/L	EPA 365.1
8/17/2011 9:00	Total-P		0.188	mg/L	EPA 365.1
8/23/2011 12:16	Total-P		0.263	mg/L	EPA 365.1
8/31/2011 11:27	Total-P		0.231	mg/L	EPA 365.1
9/7/2011 8:52	Total-P		0.276	mg/L	EPA 365.1
6/22/2011 9:17	TS		598	mg/L	SM2540B
8/10/2011 10:35	TS		672	mg/L	SM2540B
8/17/2011 9:00	TS		582	mg/L	SM2540B
8/23/2011 12:16	TS		672	mg/L	SM2540B
8/31/2011 11:27	TS		718	mg/L	SM2540B
9/7/2011 8:52	TS		656	mg/L	SM2540B
6/22/2011 9:17	TSS		109.2	mg/L	SM2540D
8/10/2011 10:35	TSS		159.6	mg/L	SM2540D
8/17/2011 9:00	TSS		69.8	mg/L	SM2540D
8/23/2011 12:16	TSS		21.4	mg/L	SM2540D
8/31/2011 11:27	TSS		10.8	mg/L	SM2540D
9/7/2011 8:52	TSS		95.8	mg/L	SM2540D
6/22/2011 9:17	Turbidity		83	NTU	EPA 180.1
8/10/2011 10:35	Turbidity		199	NTU	EPA 180.1
8/17/2011 9:00	Turbidity		33.22	NTU	EPA 180.1
8/23/2011 12:16	Turbidity		14	NTU	EPA 180.1
8/31/2011 11:27	Turbidity		7.08	NTU	EPA 180.1
9/7/2011 8:52	Turbidity		95	NTU	EPA 180.1
6/22/2011 9:17	V		4.6	ug/L	EPA-200.7

Cuyahoga River  
River Mile 8.60

Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 10:35	V		5.31	ug/L	EPA-200.7
8/17/2011 9:00	V		2.72	ug/L	EPA-200.7
8/23/2011 12:16	V	j	0.9	ug/L	EPA-200.7
8/31/2011 11:27	V	j	0.34	ug/L	EPA-200.7
9/7/2011 8:52	V		4.31	ug/L	EPA-200.7
6/22/2011 9:17	Zn		37.53	ug/L	EPA-200.7
8/10/2011 10:35	Zn		45.01	ug/L	EPA-200.7
8/17/2011 9:00	Zn		25.02	ug/L	EPA-200.7
8/23/2011 12:16	Zn		25.42	ug/L	EPA-200.7
8/31/2011 11:27	Zn		18.09	ug/L	EPA-200.7
9/7/2011 8:52	Zn		32.32	ug/L	EPA-200.7



Cuyahoga River River Mile 7.00					
Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 8:43	Ag	<	0.12	ug/L	EPA-200.7
8/10/2011 9:59	Ag	<	0.12	ug/L	EPA-200.7
8/17/2011 11:05	Ag	<	0.12	ug/L	EPA-200.7
8/23/2011 10:56	Ag	<	0.12	ug/L	EPA-200.7
8/31/2011 11:05	Ag	<	0.12	ug/L	EPA-200.7
9/7/2011 9:16	Ag	<	0.12	ug/L	EPA-200.7
8/10/2011 9:59	Al		3932	ug/L	EPA-200.7
8/17/2011 11:05	Al		733.1	ug/L	EPA-200.7
8/23/2011 10:56	Al		164	ug/L	EPA-200.7
8/31/2011 11:05	Al		94.86	ug/L	EPA-200.7
9/7/2011 9:16	Al		1920	ug/L	EPA-200.7
6/22/2011 8:43	Alkalinity		90.35	mg/LCaCO3	EPA-310.2
8/10/2011 9:59	Alkalinity		80.15	mg/LCaCO3	EPA-310.2
8/17/2011 11:05	Alkalinity		122	mg/LCaCO3	EPA-310.2
8/23/2011 10:56	Alkalinity		137.2	mg/LCaCO3	EPA-310.2
8/31/2011 11:05	Alkalinity		134.9	mg/LCaCO3	EPA-310.2
9/7/2011 9:16	Alkalinity		94.5	mg/LCaCO3	EPA-310.2
8/10/2011 9:59	As		6.3175	ug/L	EPA-200.7
8/17/2011 11:05	As		3.35	ug/L	EPA-200.7
8/23/2011 10:56	As	j	1.79	ug/L	EPA-200.7
8/31/2011 11:05	As		2.38	ug/L	EPA-200.7
9/7/2011 9:16	As		3.75	ug/L	EPA-200.7
6/22/2011 8:43	Ba		49.55	ug/L	EPA-200.7
8/10/2011 9:59	Ba		55.9	ug/L	EPA-200.7
8/17/2011 11:05	Ba		45.8	ug/L	EPA-200.7
8/23/2011 10:56	Ba		42.4	ug/L	EPA-200.7
8/31/2011 11:05	Ba		46.2	ug/L	EPA-200.7
9/7/2011 9:16	Ba		45.3	ug/L	EPA-200.7
6/22/2011 8:43	Be	j	0.125	ug/L	EPA-200.7
8/10/2011 9:59	Be	j	0.24	ug/L	EPA-200.7
8/17/2011 11:05	Be	<	0.12	ug/L	EPA-200.7
8/23/2011 10:56	Be	<	0.12	ug/L	EPA-200.7
8/31/2011 11:05	Be	<	0.12	ug/L	EPA-200.7
9/7/2011 9:16	Be	<	0.12	ug/L	EPA-200.7
6/22/2011 8:43	BOD		2.95	mg/L	SM 5210
8/17/2011 11:05	BOD	<	2	mg/L	SM 5210
8/23/2011 10:56	BOD		13.5	mg/L	SM 5210
8/31/2011 11:05	BOD	<	2	mg/L	SM 5210
9/7/2011 9:16	BOD	<	2	mg/L	SM 5210

Cuyahoga River  
River Mile 7.00

Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 8:43	Ca		50445	ug/L	EPA-200.7
8/10/2011 9:59	Ca		48740	ug/L	EPA-200.7
8/17/2011 11:05	Ca		64090	ug/L	EPA-200.7
8/23/2011 10:56	Ca		64900	ug/L	EPA-200.7
8/31/2011 11:05	Ca		73610	ug/L	EPA-200.7
9/7/2011 9:16	Ca		55040	ug/L	EPA-200.7
6/22/2011 8:43	CaCO3		173.5	mg/LCaCO3	EPA-200.7
8/10/2011 9:59	CaCO3		174	mg/LCaCO3	EPA-200.7
8/17/2011 11:05	CaCO3		217	mg/LCaCO3	EPA-200.7
8/23/2011 10:56	CaCO3		228	mg/LCaCO3	EPA-200.7
8/31/2011 11:05	CaCO3		259	mg/LCaCO3	EPA-200.7
9/7/2011 9:16	CaCO3		189	mg/LCaCO3	EPA-200.7
6/22/2011 8:43	Cd	j	0.065	ug/L	EPA-200.7
8/10/2011 9:59	Cd	j	0.2615	ug/L	EPA-200.7
8/17/2011 11:05	Cd	j	0.22	ug/L	EPA-200.7
8/23/2011 10:56	Cd	j	0.14	ug/L	EPA-200.7
8/31/2011 11:05	Cd	j	0.13	ug/L	EPA-200.7
9/7/2011 9:16	Cd	j	0.15	ug/L	EPA-200.7
6/22/2011 8:43	Chloride		114.6	mg/L	EPA 300.0
8/10/2011 9:59	Chloride		117.5	mg/L	SM 4500-Cl C
8/17/2011 11:05	Chloride		127	mg/L	SM 4500-Cl C
8/23/2011 10:56	Chloride		157	mg/L	SM 4500-Cl C
8/31/2011 11:05	Chloride		179	mg/L	SM 4500-Cl C
9/7/2011 9:16	Chloride		124	mg/L	SM 4500-Cl C
6/22/2011 8:43	Co		2.245	ug/L	EPA-200.7
8/10/2011 9:59	Co		4.72	ug/L	EPA-200.7
8/17/2011 11:05	Co		1.32	ug/L	EPA-200.7
8/23/2011 10:56	Co	j	0.75	ug/L	EPA-200.7
8/31/2011 11:05	Co	j	0.53	ug/L	EPA-200.7
9/7/2011 9:16	Co		1.95	ug/L	EPA-200.7
6/22/2011 8:43	COD		19	mg/L	EPA 410.4
8/10/2011 9:59	COD		31	mg/L	EPA 410.4
8/17/2011 11:05	COD		18	mg/L	EPA 410.4
8/23/2011 10:56	COD		11	mg/L	EPA 410.4
8/31/2011 11:05	COD		14	mg/L	EPA 410.4
9/7/2011 9:16	COD		24	mg/L	EPA 410.4
6/22/2011 8:43	Cr		4.47	ug/L	EPA-200.7
8/10/2011 9:59	Cr		7.325	ug/L	EPA-200.7
8/17/2011 11:05	Cr	j	1.6	ug/L	EPA-200.7
8/23/2011 10:56	Cr	j	0.72	ug/L	EPA-200.7

## Cuyahoga River

River Mile 7.00

Sample Date	Parameter	Code	Result	Units	Method
9/7/2011 9:16	Cr		3.57	ug/L	EPA-200.7
6/22/2011 8:43	Cr+6	j	4.2615	ug/L	SM 3500-Cr-D
8/10/2011 9:59	Cr+6	j	2.2715	ug/L	SM 3500-Cr-D
8/17/2011 11:05	Cr+6	j	1.578	ug/L	SM 3500-Cr-D
8/23/2011 10:56	Cr+6	<	1	ug/L	SM 3500-Cr-D
9/7/2011 9:16	Cr+6	j	3.11	ug/L	SM 3500-Cr-D
6/22/2011 8:43	Cu		12.42	ug/L	EPA-200.7
8/10/2011 9:59	Cu		15.645	ug/L	EPA-200.7
8/17/2011 11:05	Cu		6.91	ug/L	EPA-200.7
8/23/2011 10:56	Cu		6.53	ug/L	EPA-200.7
8/31/2011 11:05	Cu		4.61	ug/L	EPA-200.7
9/7/2011 9:16	Cu		9.96	ug/L	EPA-200.7
6/22/2011 8:43	E. coli		10750	cfu/100mL	EPA 1603
8/10/2011 9:59	E. coli		10100	cfu/100mL	EPA 1603
8/17/2011 11:05	E. coli		740	cfu/100mL	EPA 1603
8/23/2011 10:56	E. coli		146	cfu/100mL	EPA 1603
8/31/2011 11:05	E. coli	EC	170	cfu/100mL	EPA 1603
9/7/2011 9:16	E. coli		11600	cfu/100mL	EPA 1603
8/17/2011 11:05	Fe		2046	ug/L	EPA-200.7
8/23/2011 10:56	Fe		528.6	ug/L	EPA-200.7
8/31/2011 11:05	Fe		325	ug/L	EPA-200.7
9/7/2011 9:16	Fe		3520	ug/L	EPA-200.7
6/22/2011 8:43	Field Cond		688	uS/cm	SM 2510A
8/10/2011 9:59	Field Cond		629	uS/cm	SM 2510A
8/17/2011 11:05	Field Cond		752	uS/cm	SM 2510A
8/23/2011 10:56	Field Cond		853	uS/cm	SM 2510A
8/31/2011 11:05	Field Cond		976	uS/cm	SM 2510A
9/7/2011 9:16	Field Cond		682	uS/cm	SM 2510A
6/22/2011 8:43	Field DO		8.59	mg/L	SM 4500-O G
8/10/2011 9:59	Field DO		8.55	mg/L	SM 4500-O G
8/17/2011 11:05	Field DO		8.8	mg/L	SM 4500-O G
8/23/2011 10:56	Field DO		10.33	mg/L	SM 4500-O G
8/31/2011 11:05	Field DO		8.14	mg/L	SM 4500-O G
9/7/2011 9:16	Field DO		8.79	mg/L	SM 4500-O G
6/22/2011 8:43	Field Temp		21.9	C	EPA 170.1
8/10/2011 9:59	Field Temp		22.3	C	EPA 170.1
8/17/2011 11:05	Field Temp		21.2	C	EPA 170.1
8/23/2011 10:56	Field Temp		21.5	C	EPA 170.1
8/31/2011 11:05	Field Temp		21.4	C	EPA 170.1

## Cuyahoga River

River Mile 7.00

Sample Date	Parameter	Code	Result	Units	Method
9/7/2011 9:16	Field Temp		19.4	C	EPA 170.1
6/22/2011 8:43	Hg		0.00621	ug/L	EPA 1631E
8/10/2011 9:59	Hg	<	0.005	ug/L	EPA 245.1
8/17/2011 11:05	Hg	<	0.005	ug/L	EPA 245.1
8/23/2011 10:56	Hg	<	0.005	ug/L	EPA 245.1
8/31/2011 11:05	Hg	<	0.005	ug/L	EPA 245.1
9/7/2011 9:16	Hg	<	0.005	ug/L	EPA 245.1
6/22/2011 8:43	K		6853	ug/L	EPA-200.7
8/10/2011 9:59	K		7649	ug/L	EPA-200.7
8/17/2011 11:05	K		8130	ug/L	EPA-200.7
8/23/2011 10:56	K		7262	ug/L	EPA-200.7
8/31/2011 11:05	K		9244	ug/L	EPA-200.7
9/7/2011 9:16	K		6802	ug/L	EPA-200.7
6/22/2011 8:43	Mg		11520	ug/L	EPA-200.7
8/10/2011 9:59	Mg		12690	ug/L	EPA-200.7
8/17/2011 11:05	Mg		13750	ug/L	EPA-200.7
8/23/2011 10:56	Mg		16030	ug/L	EPA-200.7
8/31/2011 11:05	Mg		18290	ug/L	EPA-200.7
9/7/2011 9:16	Mg		12500	ug/L	EPA-200.7
6/22/2011 8:43	Mn		163.15	ug/L	EPA-200.7
8/10/2011 9:59	Mn		276	ug/L	EPA-200.7
8/17/2011 11:05	Mn		98.74	ug/L	EPA-200.7
8/23/2011 10:56	Mn		62.92	ug/L	EPA-200.7
8/31/2011 11:05	Mn		55.1	ug/L	EPA-200.7
9/7/2011 9:16	Mn		113.9	ug/L	EPA-200.7
6/22/2011 8:43	Mo		5.4	ug/L	EPA-200.7
8/10/2011 9:59	Mo		5.76	ug/L	EPA-200.7
8/17/2011 11:05	Mo		5.3	ug/L	EPA-200.7
8/23/2011 10:56	Mo		5.46	ug/L	EPA-200.7
8/31/2011 11:05	Mo		7.16	ug/L	EPA-200.7
9/7/2011 9:16	Mo		5.41	ug/L	EPA-200.7
6/22/2011 8:43	Na		74310	ug/L	EPA-200.7
8/10/2011 9:59	Na		71250	ug/L	EPA-200.7
8/17/2011 11:05	Na		82130	ug/L	EPA-200.7
8/23/2011 10:56	Na		94030	ug/L	EPA-200.7
8/31/2011 11:05	Na		108000	ug/L	EPA-200.7
9/7/2011 9:16	Na		74240	ug/L	EPA-200.7
6/22/2011 8:43	NH3		0.1105	mg/L	EPA-350.1
8/10/2011 9:59	NH3		0.1865	mg/L	EPA-350.1

Cuyahoga River River Mile 7.00					
Sample Date	Parameter	Code	Result	Units	Method
8/17/2011 11:05	NH3		0.069	mg/L	EPA-350.1
8/23/2011 10:56	NH3		0.174	mg/L	EPA-350.1
8/31/2011 11:05	NH3		0.152	mg/L	EPA-350.1
9/7/2011 9:16	NH3		0.167	mg/L	EPA-350.1
6/22/2011 8:43	Ni		8.255	ug/L	EPA-200.7
8/10/2011 9:59	Ni		13.235	ug/L	EPA-200.7
8/17/2011 11:05	Ni		8.04	ug/L	EPA-200.7
8/23/2011 10:56	Ni		5.07	ug/L	EPA-200.7
8/31/2011 11:05	Ni		5.91	ug/L	EPA-200.7
9/7/2011 9:16	Ni		7.72	ug/L	EPA-200.7
6/22/2011 8:43	NO2		0.043	mg/L	SM 4500-NO2-B
8/10/2011 9:59	NO2		0.0775	mg/L	SM 4500-NO2-B
8/17/2011 11:05	NO2		0.014	mg/L	SM 4500-NO2-B
8/23/2011 10:56	NO2		0.014	mg/L	SM 4500-NO2-B
8/31/2011 11:05	NO2		0.037	mg/L	SM 4500-NO2-B
9/7/2011 9:16	NO2		0.048	mg/L	SM 4500-NO2-B
6/22/2011 8:43	NO3		2.865	mg/L	EPA 353.2
8/10/2011 9:59	NO3		3.105	mg/L	EPA 353.2
8/17/2011 11:05	NO3		3.133	mg/L	EPA 353.2
8/23/2011 10:56	NO3		4.174	mg/L	EPA 353.2
8/31/2011 11:05	NO3		5.803	mg/L	EPA 353.2
9/7/2011 9:16	NO3		4.552	mg/L	EPA 353.2
6/22/2011 8:43	NO3+NO2		2.891	mg/L	EPA 353.2
8/10/2011 9:59	NO3+NO2		3.1825	mg/L	EPA 353.2
8/17/2011 11:05	NO3+NO2		3.147	mg/L	EPA 353.2
8/23/2011 10:56	NO3+NO2		4.188	mg/L	EPA 353.2
8/31/2011 11:05	NO3+NO2		5.84	mg/L	EPA 353.2
9/7/2011 9:16	NO3+NO2		4.6	mg/L	EPA 353.2
6/22/2011 8:43	Pb		7.39	ug/L	EPA-200.7
8/10/2011 9:59	Pb		10.555	ug/L	EPA-200.7
8/17/2011 11:05	Pb		3.19	ug/L	EPA-200.7
8/23/2011 10:56	Pb	j	0.63	ug/L	EPA-200.7
8/31/2011 11:05	Pb	<	0.39	ug/L	EPA-200.7
9/7/2011 9:16	Pb		9.36	ug/L	EPA-200.7
6/22/2011 8:43	pH		7.73	S.U.	
8/10/2011 9:59	pH		7.72	S.U.	
8/17/2011 11:05	pH		7.82	S.U.	
8/23/2011 10:56	pH		8	S.U.	
8/31/2011 11:05	pH		7.83	S.U.	
9/7/2011 9:16	pH		7.59	S.U.	

Cuyahoga River  
River Mile 7.00

Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 8:43	Sb	j	0.87	ug/L	EPA-200.7
8/10/2011 9:59	Sb	<	0.61	ug/L	EPA-200.7
8/17/2011 11:05	Sb	<	0.61	ug/L	EPA-200.7
8/23/2011 10:56	Sb	j	0.84	ug/L	EPA-200.7
8/31/2011 11:05	Sb	<	0.61	ug/L	EPA-200.7
9/7/2011 9:16	Sb	j	0.71	ug/L	EPA-200.7
6/22/2011 8:43	Se	<	0.63	ug/L	EPA-200.7
8/10/2011 9:59	Se	<	0.63	ug/L	EPA-200.7
8/17/2011 11:05	Se	<	0.63	ug/L	EPA-200.7
8/23/2011 10:56	Se	j	1.08	ug/L	EPA-200.7
8/31/2011 11:05	Se	j	0.98	ug/L	EPA-200.7
9/7/2011 9:16	Se	<	0.63	ug/L	EPA-200.7
6/22/2011 8:43	Sn	<	18.4	ug/L	EPA-200.7
8/10/2011 9:59	Sn	<	18.4	ug/L	EPA-200.7
8/17/2011 11:05	Sn	<	18.4	ug/L	EPA-200.7
8/23/2011 10:56	Sn	<	18.4	ug/L	EPA-200.7
8/31/2011 11:05	Sn	<	18.4	ug/L	EPA-200.7
9/7/2011 9:16	Sn	<	18.4	ug/L	EPA-200.7
6/22/2011 8:43	SO4		46.94	mg/L	EPA 300.0
6/22/2011 8:43	Soluble-P		0.1245	mg/L	EPA 365.1
8/10/2011 9:59	Soluble-P		0.171	mg/L	EPA 365.1
8/17/2011 11:05	Soluble-P		0.098	mg/L	EPA 365.1
8/23/2011 10:56	Soluble-P		0.182	mg/L	EPA 365.1
8/31/2011 11:05	Soluble-P		0.182	mg/L	EPA 365.1
9/7/2011 9:16	Soluble-P		0.16	mg/L	EPA 365.1
6/22/2011 8:43	TDS		349	mg/L	SM2540C
8/10/2011 9:59	TDS		338	mg/L	SM2540C
8/17/2011 11:05	TDS		498	mg/L	SM2540C
8/23/2011 10:56	TDS		546	mg/L	SM2540C
8/31/2011 11:05	TDS		582	mg/L	SM2540C
9/7/2011 9:16	TDS		412	mg/L	SM2540C
8/10/2011 9:59	Ti		37.82	ug/L	EPA-200.7
8/17/2011 11:05	Ti		9.55	ug/L	EPA-200.7
8/23/2011 10:56	Ti		2.35	ug/L	EPA-200.7
8/31/2011 11:05	Ti	j	1.18	ug/L	EPA-200.7
9/7/2011 9:16	Ti		35.61	ug/L	EPA-200.7
6/22/2011 8:43	TI	j	1.515	ug/L	EPA-200.7
8/10/2011 9:59	TI	<	1.11	ug/L	EPA-200.7

Cuyahoga River River Mile 7.00					
Sample Date	Parameter	Code	Result	Units	Method
8/17/2011 11:05	TI	<	1.11	ug/L	EPA-200.7
8/23/2011 10:56	TI	j	2.34	ug/L	EPA-200.7
8/31/2011 11:05	TI	j	1.63	ug/L	EPA-200.7
9/7/2011 9:16	TI	<	1.11	ug/L	EPA-200.7
6/22/2011 8:43	TMET		66.5	ug/L	EPA-200.7
8/10/2011 9:59	TMET		92.55	ug/L	EPA-200.7
8/17/2011 11:05	TMET		37.4	ug/L	EPA-200.7
8/23/2011 10:56	TMET		26.2	ug/L	EPA-200.7
8/31/2011 11:05	TMET		34.8	ug/L	EPA-200.7
9/7/2011 9:16	TMET		57.5	ug/L	EPA-200.7
6/22/2011 8:43	Total-P		0.242	mg/L	EPA 365.1
8/10/2011 9:59	Total-P		0.359	mg/L	EPA 365.1
8/17/2011 11:05	Total-P		0.178	mg/L	EPA 365.1
8/23/2011 10:56	Total-P		0.242	mg/L	EPA 365.1
8/31/2011 11:05	Total-P		0.245	mg/L	EPA 365.1
9/7/2011 9:16	Total-P		0.268	mg/L	EPA 365.1
6/22/2011 8:43	TS		590	mg/L	SM2540B
8/10/2011 9:59	TS		724	mg/L	SM2540B
8/17/2011 11:05	TS		647	mg/L	SM2540B
8/23/2011 10:56	TS		692	mg/L	SM2540B
8/31/2011 11:05	TS		718	mg/L	SM2540B
9/7/2011 9:16	TS		620	mg/L	SM2540B
6/22/2011 8:43	TSS		120.6	mg/L	SM2540D
8/17/2011 11:05	TSS		55	mg/L	SM2540D
8/23/2011 10:56	TSS		13.8	mg/L	SM2540D
8/31/2011 11:05	TSS		9	mg/L	SM2540D
9/7/2011 9:16	TSS		114.2	mg/L	SM2540D
6/22/2011 8:43	Turbidity		102	NTU	EPA 180.1
8/10/2011 9:59	Turbidity		220.5	NTU	EPA 180.1
8/17/2011 11:05	Turbidity		29.56	NTU	EPA 180.1
8/23/2011 10:56	Turbidity		10.8	NTU	EPA 180.1
8/31/2011 11:05	Turbidity		5.97	NTU	EPA 180.1
9/7/2011 9:16	Turbidity		102.2	NTU	EPA 180.1
6/22/2011 8:43	V		5.775	ug/L	EPA-200.7
8/10/2011 9:59	V		8.68	ug/L	EPA-200.7
8/17/2011 11:05	V		2.19	ug/L	EPA-200.7
8/23/2011 10:56	V	j	0.88	ug/L	EPA-200.7
8/31/2011 11:05	V	j	0.28	ug/L	EPA-200.7
9/7/2011 9:16	V		4.87	ug/L	EPA-200.7

Cuyahoga River  
River Mile 7.00

Sample Date	Parameter	Code	Result	Units	Method
6/22/2011 8:43	Zn		41.355	ug/L	EPA-200.7
8/10/2011 9:59	Zn		60.49	ug/L	EPA-200.7
8/17/2011 11:05	Zn		20.85	ug/L	EPA-200.7
8/23/2011 10:56	Zn		13.89	ug/L	EPA-200.7
8/31/2011 11:05	Zn		23.89	ug/L	EPA-200.7
9/7/2011 9:16	Zn		36.25	ug/L	EPA-200.7



Cuyahoga River River Mile 5.90					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 11:40	Ag	<	0.12	ug/L	EPA-200.7
8/17/2011 10:29	Ag	<	0.12	ug/L	EPA-200.7
8/23/2011 10:19	Ag	<	0.12	ug/L	EPA-200.7
8/31/2011 10:25	Ag	<	0.12	ug/L	EPA-200.7
9/7/2011 9:48	Ag	<	0.12	ug/L	EPA-200.7
8/10/2011 11:40	Al		1986	ug/L	EPA-200.7
8/17/2011 10:29	Al		453.8	ug/L	EPA-200.7
8/23/2011 10:19	Al		120.5	ug/L	EPA-200.7
8/31/2011 10:25	Al		101	ug/L	EPA-200.7
9/7/2011 9:48	Al		617.9	ug/L	EPA-200.7
8/10/2011 11:40	Alkalinity		78.8	mg/LCaCO3	EPA-310.2
8/17/2011 10:29	Alkalinity		119.3	mg/LCaCO3	EPA-310.2
8/23/2011 10:19	Alkalinity		128.5	mg/LCaCO3	EPA-310.2
8/31/2011 10:25	Alkalinity		121.7	mg/LCaCO3	EPA-310.2
9/7/2011 9:48	Alkalinity		86.9	mg/LCaCO3	EPA-310.2
8/10/2011 11:40	As		3.36	ug/L	EPA-200.7
8/17/2011 10:29	As		2.705	ug/L	EPA-200.7
8/23/2011 10:19	As		2.4175	ug/L	EPA-200.7
8/31/2011 10:25	As		2.66	ug/L	EPA-200.7
9/7/2011 9:48	As	j	1.98	ug/L	EPA-200.7
8/10/2011 11:40	Ba		43.7	ug/L	EPA-200.7
8/17/2011 10:29	Ba		42.7	ug/L	EPA-200.7
8/23/2011 10:19	Ba		43.2	ug/L	EPA-200.7
8/31/2011 10:25	Ba		46.5	ug/L	EPA-200.7
9/7/2011 9:48	Ba		33	ug/L	EPA-200.7
8/10/2011 11:40	Be	<	0.12	ug/L	EPA-200.7
8/17/2011 10:29	Be	<	0.12	ug/L	EPA-200.7
8/23/2011 10:19	Be	<	0.12	ug/L	EPA-200.7
8/31/2011 10:25	Be	<	0.12	ug/L	EPA-200.7
9/7/2011 9:48	Be	<	0.12	ug/L	EPA-200.7
8/10/2011 11:40	BOD		5.3	mg/L	SM 5210
8/17/2011 10:29	BOD	<	2	mg/L	SM 5210
8/31/2011 10:25	BOD		2.2	mg/L	SM 5210
9/7/2011 9:48	BOD	<	2	mg/L	SM 5210
8/10/2011 11:40	Ca		48190	ug/L	EPA-200.7
8/17/2011 10:29	Ca		59460	ug/L	EPA-200.7
8/23/2011 10:19	Ca		68660	ug/L	EPA-200.7
8/31/2011 10:25	Ca		77480	ug/L	EPA-200.7
9/7/2011 9:48	Ca		49960	ug/L	EPA-200.7

Cuyahoga River  
River Mile 5.90

Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 11:40	CaCO3		166	mg/LCaCO3	EPA-200.7
8/17/2011 10:29	CaCO3		203	mg/LCaCO3	EPA-200.7
8/23/2011 10:19	CaCO3		234	mg/LCaCO3	EPA-200.7
8/31/2011 10:25	CaCO3		267	mg/LCaCO3	EPA-200.7
9/7/2011 9:48	CaCO3		169	mg/LCaCO3	EPA-200.7
8/10/2011 11:40	Cd	j	0.06	ug/L	EPA-200.7
8/17/2011 10:29	Cd	j	0.165	ug/L	EPA-200.7
8/23/2011 10:19	Cd	j	0.11	ug/L	EPA-200.7
8/31/2011 10:25	Cd	j	0.13	ug/L	EPA-200.7
9/7/2011 9:48	Cd	j	0.15	ug/L	EPA-200.7
8/10/2011 11:40	Chloride		126	mg/L	SM 4500-Cl C
8/17/2011 10:29	Chloride		122	mg/L	SM 4500-Cl C
8/23/2011 10:19	Chloride		154	mg/L	SM 4500-Cl C
8/31/2011 10:25	Chloride		189	mg/L	SM 4500-Cl C
9/7/2011 9:48	Chloride		137	mg/L	SM 4500-Cl C
8/10/2011 11:40	Co		1.89	ug/L	EPA-200.7
8/17/2011 10:29	Co	j	0.95	ug/L	EPA-200.7
8/23/2011 10:19	Co	j	0.64	ug/L	EPA-200.7
8/31/2011 10:25	Co	j	0.55	ug/L	EPA-200.7
9/7/2011 9:48	Co	j	0.73	ug/L	EPA-200.7
8/10/2011 11:40	COD		20	mg/L	EPA 410.4
8/17/2011 10:29	COD		17	mg/L	EPA 410.4
8/23/2011 10:19	COD		14	mg/L	EPA 410.4
8/31/2011 10:25	COD		17	mg/L	EPA 410.4
9/7/2011 9:48	COD		20	mg/L	EPA 410.4
8/10/2011 11:40	Cr		4.44	ug/L	EPA-200.7
8/17/2011 10:29	Cr	j	1.15	ug/L	EPA-200.7
8/23/2011 10:19	Cr	j	0.75	ug/L	EPA-200.7
8/31/2011 10:25	Cr	j	1.15	ug/L	EPA-200.7
9/7/2011 9:48	Cr	j	1.57	ug/L	EPA-200.7
8/10/2011 11:40	Cr+6	j	2.221	ug/L	SM 3500-Cr-D
8/17/2011 10:29	Cr+6	j	1.594	ug/L	SM 3500-Cr-D
8/23/2011 10:19	Cr+6	<	1	ug/L	SM 3500-Cr-D
8/31/2011 10:25	Cr+6	j	2.298	ug/L	SM 3500-Cr-D
9/7/2011 9:48	Cr+6	j	2.935	ug/L	SM 3500-Cr-D
8/10/2011 11:40	Cu		8.11	ug/L	EPA-200.7
8/17/2011 10:29	Cu		5.365	ug/L	EPA-200.7
8/23/2011 10:19	Cu		5.83	ug/L	EPA-200.7

Cuyahoga River  
River Mile 5.90

Sample Date	Parameter	Code	Result	Units	Method
8/31/2011 10:25	Cu		5.08	ug/L	EPA-200.7
9/7/2011 9:48	Cu		6.27	ug/L	EPA-200.7
8/10/2011 11:40	E. coli		5100	cfu/100mL	EPA 1603
8/17/2011 10:29	E. coli	EC	526	cfu/100mL	EPA 1603
8/23/2011 10:19	E. coli		260	cfu/100mL	EPA 1603
8/31/2011 10:25	E. coli	EC	155	cfu/100mL	EPA 1603
9/7/2011 9:48	E. coli		12000	cfu/100mL	EPA 1603
8/10/2011 11:40	Fe		3526	ug/L	EPA-200.7
8/17/2011 10:29	Fe		1264	ug/L	EPA-200.7
8/23/2011 10:19	Fe		393.8	ug/L	EPA-200.7
8/31/2011 10:25	Fe		369.6	ug/L	EPA-200.7
9/7/2011 9:48	Fe		1086	ug/L	EPA-200.7
8/10/2011 11:40	Field Cond		632	uS/cm	SM 2510A
8/17/2011 10:29	Field Cond		752	uS/cm	SM 2510A
8/23/2011 10:19	Field Cond		875	uS/cm	SM 2510A
8/31/2011 10:25	Field Cond		997	uS/cm	SM 2510A
9/7/2011 9:48	Field Cond		666	uS/cm	SM 2510A
8/10/2011 11:40	Field DO		8.55	mg/L	SM 4500-0 G
8/17/2011 10:29	Field DO		8.86	mg/L	SM 4500-0 G
8/23/2011 10:19	Field DO		11.12	mg/L	SM 4500-0 G
8/31/2011 10:25	Field DO		8.26	mg/L	SM 4500-0 G
9/7/2011 9:48	Field DO		9	mg/L	SM 4500-0 G
8/10/2011 11:40	Field Temp		22.3	C	EPA 170.1
8/17/2011 10:29	Field Temp		21.4	C	EPA 170.1
8/23/2011 10:19	Field Temp		21.9	C	EPA 170.1
8/31/2011 10:25	Field Temp		21.8	C	EPA 170.1
9/7/2011 9:48	Field Temp		19.3	C	EPA 170.1
8/10/2011 11:40	Hg	<	0.005	ug/L	EPA 245.1
8/17/2011 10:29	Hg	j	0.006	ug/L	EPA 245.1
8/23/2011 10:19	Hg	<	0.005	ug/L	EPA 245.1
8/31/2011 10:25	Hg	<	0.005	ug/L	EPA 245.1
9/7/2011 9:48	Hg	<	0.005	ug/L	EPA 245.1
8/10/2011 11:40	K		7954	ug/L	EPA-200.7
8/17/2011 10:29	K		7770	ug/L	EPA-200.7
8/23/2011 10:19	K		8087	ug/L	EPA-200.7
8/31/2011 10:25	K		9933	ug/L	EPA-200.7
9/7/2011 9:48	K		6347	ug/L	EPA-200.7
8/10/2011 11:40	Mg		11100	ug/L	EPA-200.7

Cuyahoga River River Mile 5.90					
Sample Date	Parameter	Code	Result	Units	Method
8/17/2011 10:29	Mg		13200	ug/L	EPA-200.7
8/23/2011 10:19	Mg		15210	ug/L	EPA-200.7
8/31/2011 10:25	Mg		17780	ug/L	EPA-200.7
9/7/2011 9:48	Mg		10840	ug/L	EPA-200.7
8/10/2011 11:40	Mn		93.92	ug/L	EPA-200.7
8/17/2011 10:29	Mn		68.46	ug/L	EPA-200.7
8/23/2011 10:19	Mn		60.765	ug/L	EPA-200.7
8/31/2011 10:25	Mn		60.66	ug/L	EPA-200.7
9/7/2011 9:48	Mn		54.77	ug/L	EPA-200.7
8/10/2011 11:40	Mo		6.29	ug/L	EPA-200.7
8/17/2011 10:29	Mo		5.105	ug/L	EPA-200.7
8/23/2011 10:19	Mo		5.57	ug/L	EPA-200.7
8/31/2011 10:25	Mo		8.25	ug/L	EPA-200.7
9/7/2011 9:48	Mo		5.16	ug/L	EPA-200.7
8/10/2011 11:40	Na		75060	ug/L	EPA-200.7
8/17/2011 10:29	Na		78870	ug/L	EPA-200.7
8/23/2011 10:19	Na		98800	ug/L	EPA-200.7
8/31/2011 10:25	Na		117100	ug/L	EPA-200.7
9/7/2011 9:48	Na		72470	ug/L	EPA-200.7
8/10/2011 11:40	NH3		0.188	mg/L	EPA-350.1
8/17/2011 10:29	NH3		0.064	mg/L	EPA-350.1
8/31/2011 10:25	NH3		0.117	mg/L	EPA-350.1
9/7/2011 9:48	NH3		0.14	mg/L	EPA-350.1
8/10/2011 11:40	Ni		7.15	ug/L	EPA-200.7
8/17/2011 10:29	Ni		7.13	ug/L	EPA-200.7
8/23/2011 10:19	Ni		5.2725	ug/L	EPA-200.7
8/31/2011 10:25	Ni		7.07	ug/L	EPA-200.7
9/7/2011 9:48	Ni		4.95	ug/L	EPA-200.7
8/10/2011 11:40	NO2		0.084	mg/L	SM 4500-NO2-B
8/17/2011 10:29	NO2		0.017	mg/L	SM 4500-NO2-B
8/23/2011 10:19	NO2		0.0165	mg/L	SM 4500-NO2-B
8/31/2011 10:25	NO2		0.042	mg/L	SM 4500-NO2-B
9/7/2011 9:48	NO2		0.039	mg/L	SM 4500-NO2-B
8/10/2011 11:40	NO3		3.037	mg/L	EPA 353.2
8/17/2011 10:29	NO3		2.998	mg/L	EPA 353.2
8/23/2011 10:19	NO3		4.285	mg/L	EPA 353.2
8/31/2011 10:25	NO3		6.657	mg/L	EPA 353.2
9/7/2011 9:48	NO3		4.033	mg/L	EPA 353.2

Cuyahoga River River Mile 5.90					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 11:40	NO3+NO2		3.121	mg/L	EPA 353.2
8/17/2011 10:29	NO3+NO2		3.015	mg/L	EPA 353.2
8/23/2011 10:19	NO3+NO2		4.3015	mg/L	EPA 353.2
8/31/2011 10:25	NO3+NO2		6.699	mg/L	EPA 353.2
9/7/2011 9:48	NO3+NO2		4.072	mg/L	EPA 353.2
8/10/2011 11:40	Pb		4.6	ug/L	EPA-200.7
8/17/2011 10:29	Pb	j	1.01	ug/L	EPA-200.7
8/23/2011 10:19	Pb	<	0.605	ug/L	EPA-200.7
8/31/2011 10:25	Pb	j	0.42	ug/L	EPA-200.7
9/7/2011 9:48	Pb		3.1	ug/L	EPA-200.7
8/10/2011 11:40	pH		7.72	S.U.	
8/17/2011 10:29	pH		7.81	S.U.	
8/23/2011 10:19	pH		7.98	S.U.	
8/31/2011 10:25	pH		7.82	S.U.	
9/7/2011 9:48	pH		7.74	S.U.	
8/10/2011 11:40	Sb	<	0.61	ug/L	EPA-200.7
8/17/2011 10:29	Sb	<	0.61	ug/L	EPA-200.7
8/23/2011 10:19	Sb	j	0.8875	ug/L	EPA-200.7
8/31/2011 10:25	Sb	<	0.61	ug/L	EPA-200.7
9/7/2011 9:48	Sb	j	0.76	ug/L	EPA-200.7
8/10/2011 11:40	Se	<	0.63	ug/L	EPA-200.7
8/17/2011 10:29	Se	<	0.63	ug/L	EPA-200.7
8/23/2011 10:19	Se	j	1.5275	ug/L	EPA-200.7
8/31/2011 10:25	Se	j	1.18	ug/L	EPA-200.7
9/7/2011 9:48	Se	j	1.17	ug/L	EPA-200.7
8/10/2011 11:40	Sn	<	18.4	ug/L	EPA-200.7
8/17/2011 10:29	Sn	<	18.4	ug/L	EPA-200.7
8/23/2011 10:19	Sn	<	18.4	ug/L	EPA-200.7
8/31/2011 10:25	Sn	<	18.4	ug/L	EPA-200.7
9/7/2011 9:48	Sn	<	18.4	ug/L	EPA-200.7
8/10/2011 11:40	Soluble-P		0.168	mg/L	EPA 365.1
8/17/2011 10:29	Soluble-P		0.094	mg/L	EPA 365.1
8/23/2011 10:19	Soluble-P		0.192	mg/L	EPA 365.1
8/31/2011 10:25	Soluble-P		0.222	mg/L	EPA 365.1
9/7/2011 9:48	Soluble-P		0.142	mg/L	EPA 365.1
8/10/2011 11:40	TDS		606	mg/L	SM2540C
8/17/2011 10:29	TDS		524	mg/L	SM2540C
8/23/2011 10:19	TDS		558.5	mg/L	SM2540C
8/31/2011 10:25	TDS		594	mg/L	SM2540C

Cuyahoga River  
River Mile 5.90

Sample Date	Parameter	Code	Result	Units	Method
9/7/2011 9:48	TDS		414	mg/L	SM2540C
8/10/2011 11:40	Ti		31.47	ug/L	EPA-200.7
8/17/2011 10:29	Ti		5.935	ug/L	EPA-200.7
8/23/2011 10:19	Ti	j	1.74	ug/L	EPA-200.7
8/31/2011 10:25	Ti	j	1.36	ug/L	EPA-200.7
9/7/2011 9:48	Ti		11.62	ug/L	EPA-200.7
8/10/2011 11:40	TI	<	1.11	ug/L	EPA-200.7
8/17/2011 10:29	TI	<	1.11	ug/L	EPA-200.7
8/23/2011 10:19	TI	<	1.11	ug/L	EPA-200.7
8/31/2011 10:25	TI	j	2.32	ug/L	EPA-200.7
9/7/2011 9:48	TI	<	1.11	ug/L	EPA-200.7
8/10/2011 11:40	TMET		62.6	ug/L	EPA-200.7
8/17/2011 10:29	TMET		28	ug/L	EPA-200.7
8/23/2011 10:19	TMET		26	ug/L	EPA-200.7
8/31/2011 10:25	TMET		30.2	ug/L	EPA-200.7
9/7/2011 9:48	TMET		35.7	ug/L	EPA-200.7
8/10/2011 11:40	Total-P		0.22	mg/L	EPA 365.1
8/17/2011 10:29	Total-P		0.147	mg/L	EPA 365.1
8/23/2011 10:19	Total-P		0.2525	mg/L	EPA 365.1
8/31/2011 10:25	Total-P		0.275	mg/L	EPA 365.1
9/7/2011 9:48	Total-P		0.189	mg/L	EPA 365.1
8/10/2011 11:40	TS		634	mg/L	SM2540B
8/17/2011 10:29	TS		603	mg/L	SM2540B
8/23/2011 10:19	TS		678.5	mg/L	SM2540B
8/31/2011 10:25	TS		692	mg/L	SM2540B
9/7/2011 9:48	TS		516	mg/L	SM2540B
8/10/2011 11:40	TSS		6.8	mg/L	SM2540D
8/17/2011 10:29	TSS		29.6	mg/L	SM2540D
8/23/2011 10:19	TSS		11.35	mg/L	SM2540D
8/31/2011 10:25	TSS		8.6	mg/L	SM2540D
9/7/2011 9:48	TSS		35.6	mg/L	SM2540D
8/10/2011 11:40	Turbidity		135	NTU	EPA 180.1
8/17/2011 10:29	Turbidity		21.06	NTU	EPA 180.1
8/23/2011 10:19	Turbidity		9.55	NTU	EPA 180.1
8/31/2011 10:25	Turbidity		7.81	NTU	EPA 180.1
9/7/2011 9:48	Turbidity		31.25	NTU	EPA 180.1
8/10/2011 11:40	V		4.67	ug/L	EPA-200.7
8/17/2011 10:29	V		1.485	ug/L	EPA-200.7

Cuyahoga River  
River Mile 5.90

Sample Date	Parameter	Code	Result	Units	Method
8/23/2011 10:19	V	j	0.9825	ug/L	EPA-200.7
8/31/2011 10:25	V	j	0.79	ug/L	EPA-200.7
9/7/2011 9:48	V		2.12	ug/L	EPA-200.7
8/10/2011 11:40	Zn		42.92	ug/L	EPA-200.7
8/17/2011 10:29	Zn		14.1	ug/L	EPA-200.7
8/23/2011 10:19	Zn		14.065	ug/L	EPA-200.7
8/31/2011 10:25	Zn		16.87	ug/L	EPA-200.7
9/7/2011 9:48	Zn		22.87	ug/L	EPA-200.7

Cuyahoga River River Mile 2.75					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 12:30	Ag	<	0.12	ug/L	EPA-200.7
8/17/2011 9:48	Ag	<	0.12	ug/L	EPA-200.7
8/23/2011 9:43	Ag	<	0.12	ug/L	EPA-200.7
8/31/2011 9:50	Ag	<	0.12	ug/L	EPA-200.7
9/7/2011 10:23	Ag	<	0.12	ug/L	EPA-200.7
8/10/2011 12:30	Al		1225	ug/L	EPA-200.7
8/17/2011 9:48	Al		654.9	ug/L	EPA-200.7
8/23/2011 9:43	Al		360.1	ug/L	EPA-200.7
8/31/2011 9:50	Al		296.2	ug/L	EPA-200.7
9/7/2011 10:23	Al		270.2	ug/L	EPA-200.7
8/10/2011 12:30	Alkalinity		117.1	mg/LCaCO3	EPA-310.2
8/17/2011 9:48	Alkalinity		104.1	mg/LCaCO3	EPA-310.2
8/23/2011 9:43	Alkalinity		132.9	mg/LCaCO3	EPA-310.2
8/31/2011 9:50	Alkalinity		133.8	mg/LCaCO3	EPA-310.2
9/7/2011 10:23	Alkalinity		101.7	mg/LCaCO3	EPA-310.2
8/10/2011 12:30	As		3.66	ug/L	EPA-200.7
8/17/2011 9:48	As		3.16	ug/L	EPA-200.7
8/23/2011 9:43	As		3.17	ug/L	EPA-200.7
8/31/2011 9:50	As		3.13	ug/L	EPA-200.7
9/7/2011 10:23	As	j	1.74	ug/L	EPA-200.7
8/10/2011 12:30	Ba		47.2	ug/L	EPA-200.7
8/17/2011 9:48	Ba		39.6	ug/L	EPA-200.7
8/23/2011 9:43	Ba		48.1	ug/L	EPA-200.7
8/31/2011 9:50	Ba		49.9	ug/L	EPA-200.7
9/7/2011 10:23	Ba		35.6	ug/L	EPA-200.7
8/10/2011 12:30	Be	<	0.12	ug/L	EPA-200.7
8/17/2011 9:48	Be	<	0.12	ug/L	EPA-200.7
8/23/2011 9:43	Be	<	0.12	ug/L	EPA-200.7
8/31/2011 9:50	Be	<	0.12	ug/L	EPA-200.7
9/7/2011 10:23	Be	<	0.12	ug/L	EPA-200.7
8/10/2011 12:30	BOD		3.2	mg/L	SM 5210
8/17/2011 9:48	BOD	<	2	mg/L	SM 5210
8/23/2011 9:43	BOD		2.9	mg/L	SM 5210
8/31/2011 9:50	BOD		2.6	mg/L	SM 5210
9/7/2011 10:23	BOD	<	2	mg/L	SM 5210
8/10/2011 12:30	Ca		61580	ug/L	EPA-200.7
8/17/2011 9:48	Ca		53130	ug/L	EPA-200.7
8/23/2011 9:43	Ca		66780	ug/L	EPA-200.7
8/31/2011 9:50	Ca		71560	ug/L	EPA-200.7



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Sample Date	Parameter	Code	Result	Units	Method
9/7/2011 10:23	Ca		51370	ug/L	EPA-200.7
8/10/2011 12:30	CaCO3		216	mg/LCaCO3	EPA-200.7
8/17/2011 9:48	CaCO3		178	mg/LCaCO3	EPA-200.7
8/23/2011 9:43	CaCO3		233	mg/LCaCO3	EPA-200.7
8/31/2011 9:50	CaCO3		248	mg/LCaCO3	EPA-200.7
9/7/2011 10:23	CaCO3		175	mg/LCaCO3	EPA-200.7
8/10/2011 12:30	Cd	j	0.14	ug/L	EPA-200.7
8/17/2011 9:48	Cd	j	0.15	ug/L	EPA-200.7
8/23/2011 9:43	Cd	j	0.13	ug/L	EPA-200.7
8/31/2011 9:50	Cd	j	0.11	ug/L	EPA-200.7
9/7/2011 10:23	Cd	j	0.14	ug/L	EPA-200.7
8/10/2011 12:30	Chloride		163	mg/L	SM 4500-Cl C
8/17/2011 9:48	Chloride		102	mg/L	SM 4500-Cl C
8/23/2011 9:43	Chloride		164	mg/L	SM 4500-Cl C
8/31/2011 9:50	Chloride		171	mg/L	SM 4500-Cl C
9/7/2011 10:23	Chloride		124	mg/L	SM 4500-Cl C
8/10/2011 12:30	Co		1.5	ug/L	EPA-200.7
8/17/2011 9:48	Co		1.06	ug/L	EPA-200.7
8/23/2011 9:43	Co	j	0.98	ug/L	EPA-200.7
8/31/2011 9:50	Co		1.01	ug/L	EPA-200.7
9/7/2011 10:23	Co	j	0.44	ug/L	EPA-200.7
8/10/2011 12:30	COD		28	mg/L	EPA 410.4
8/17/2011 9:48	COD		16	mg/L	EPA 410.4
8/23/2011 9:43	COD		11	mg/L	EPA 410.4
8/31/2011 9:50	COD		21	mg/L	EPA 410.4
9/7/2011 10:23	COD		21	mg/L	EPA 410.4
8/10/2011 12:30	Cr		3.2	ug/L	EPA-200.7
8/17/2011 9:48	Cr	j	1.48	ug/L	EPA-200.7
8/23/2011 9:43	Cr	j	1.11	ug/L	EPA-200.7
8/31/2011 9:50	Cr	j	0.95	ug/L	EPA-200.7
9/7/2011 10:23	Cr		3.32	ug/L	EPA-200.7
8/10/2011 12:30	Cr+6	j	1.895	ug/L	SM 3500-Cr-D
8/17/2011 9:48	Cr+6	j	1.747	ug/L	SM 3500-Cr-D
8/23/2011 9:43	Cr+6	<	1	ug/L	SM 3500-Cr-D
8/31/2011 9:50	Cr+6	j	2.223	ug/L	SM 3500-Cr-D
9/7/2011 10:23	Cr+6	j	2.749	ug/L	SM 3500-Cr-D
8/10/2011 12:30	Cu		8.23	ug/L	EPA-200.7
8/17/2011 9:48	Cu		5.53	ug/L	EPA-200.7

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Sample Date	Parameter	Code	Result	Units	Method
8/23/2011 9:43	Cu		4.93	ug/L	EPA-200.7
8/31/2011 9:50	Cu		6.12	ug/L	EPA-200.7
9/7/2011 10:23	Cu		4.7	ug/L	EPA-200.7
8/10/2011 12:30	E. coli		2800	cfu/100mL	EPA 1603
8/17/2011 9:48	E. coli	EC	644	cfu/100mL	EPA 1603
8/23/2011 9:43	E. coli		300	cfu/100mL	EPA 1603
8/31/2011 9:50	E. coli		44	cfu/100mL	EPA 1603
9/7/2011 10:23	E. coli		600	cfu/100mL	EPA 1603
8/10/2011 12:30	Fe		2421	ug/L	EPA-200.7
8/17/2011 9:48	Fe		1554	ug/L	EPA-200.7
8/23/2011 9:43	Fe		855.7	ug/L	EPA-200.7
8/31/2011 9:50	Fe		762.6	ug/L	EPA-200.7
9/7/2011 10:23	Fe		606.3	ug/L	EPA-200.7
8/10/2011 12:30	Field Cond		868	uS/cm	SM 2510A
8/17/2011 9:48	Field Cond		654	uS/cm	SM 2510A
8/23/2011 9:43	Field Cond		967	uS/cm	SM 2510A
8/31/2011 9:50	Field Cond		994	uS/cm	SM 2510A
9/7/2011 10:23	Field Cond		708	uS/cm	SM 2510A
8/10/2011 12:30	Field DO		8.36	mg/L	SM 4500-0 G
8/17/2011 9:48	Field DO		7.23	mg/L	SM 4500-0 G
8/23/2011 9:43	Field DO		7.59	mg/L	SM 4500-0 G
8/31/2011 9:50	Field DO		6.71	mg/L	SM 4500-0 G
9/7/2011 10:23	Field DO		6.85	mg/L	SM 4500-0 G
8/10/2011 12:30	Field Temp		25	C	EPA 170.1
8/17/2011 9:48	Field Temp		22.5	C	EPA 170.1
8/23/2011 9:43	Field Temp		24.9	C	EPA 170.1
8/31/2011 9:50	Field Temp		23.5	C	EPA 170.1
9/7/2011 10:23	Field Temp		21.1	C	EPA 170.1
8/10/2011 12:30	Hg	<	0.005	ug/L	EPA 245.1
8/17/2011 9:48	Hg	j	0.043	ug/L	EPA 245.1
8/23/2011 9:43	Hg	j	0.048	ug/L	EPA 245.1
8/31/2011 9:50	Hg	<	0.005	ug/L	EPA 245.1
9/7/2011 10:23	Hg	<	0.005	ug/L	EPA 245.1
8/10/2011 12:30	K		8371	ug/L	EPA-200.7
8/17/2011 9:48	K		6621	ug/L	EPA-200.7
8/23/2011 9:43	K		8829	ug/L	EPA-200.7
8/31/2011 9:50	K		9820	ug/L	EPA-200.7
9/7/2011 10:23	K		6282	ug/L	EPA-200.7

Cuyahoga River River Mile 2.75					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 12:30	Mg		15120	ug/L	EPA-200.7
8/17/2011 9:48	Mg		10920	ug/L	EPA-200.7
8/23/2011 9:43	Mg		16100	ug/L	EPA-200.7
8/31/2011 9:50	Mg		16880	ug/L	EPA-200.7
9/7/2011 10:23	Mg		11260	ug/L	EPA-200.7
8/10/2011 12:30	Mn		107	ug/L	EPA-200.7
8/17/2011 9:48	Mn		81.47	ug/L	EPA-200.7
8/23/2011 9:43	Mn		131.1	ug/L	EPA-200.7
8/31/2011 9:50	Mn		134.8	ug/L	EPA-200.7
9/7/2011 10:23	Mn		79.78	ug/L	EPA-200.7
8/10/2011 12:30	Mo		9.06	ug/L	EPA-200.7
8/17/2011 9:48	Mo		4.97	ug/L	EPA-200.7
8/23/2011 9:43	Mo		6.64	ug/L	EPA-200.7
8/31/2011 9:50	Mo		8.71	ug/L	EPA-200.7
9/7/2011 10:23	Mo		5.6	ug/L	EPA-200.7
8/10/2011 12:30	Na		91590	ug/L	EPA-200.7
8/17/2011 9:48	Na		69100	ug/L	EPA-200.7
8/23/2011 9:43	Na		102800	ug/L	EPA-200.7
8/31/2011 9:50	Na		107200	ug/L	EPA-200.7
9/7/2011 10:23	Na		73470	ug/L	EPA-200.7
8/10/2011 12:30	NH3		0.164	mg/L	EPA-350.1
8/17/2011 9:48	NH3		0.133	mg/L	EPA-350.1
8/23/2011 9:43	NH3		0.165	mg/L	EPA-350.1
8/31/2011 9:50	NH3		0.346	mg/L	EPA-350.1
9/7/2011 10:23	NH3		0.204	mg/L	EPA-350.1
8/10/2011 12:30	Ni		6.83	ug/L	EPA-200.7
8/17/2011 9:48	Ni		6.56	ug/L	EPA-200.7
8/23/2011 9:43	Ni		6.98	ug/L	EPA-200.7
8/31/2011 9:50	Ni		7.75	ug/L	EPA-200.7
9/7/2011 10:23	Ni		5.4	ug/L	EPA-200.7
8/10/2011 12:30	NO2		0.038	mg/L	SM 4500-NO2-B
8/17/2011 9:48	NO2		0.025	mg/L	SM 4500-NO2-B
8/23/2011 9:43	NO2		0.027	mg/L	SM 4500-NO2-B
8/31/2011 9:50	NO2		0.051	mg/L	SM 4500-NO2-B
9/7/2011 10:23	NO2		0.026	mg/L	SM 4500-NO2-B
8/10/2011 12:30	NO3		4.162	mg/L	EPA 353.2
8/17/2011 9:48	NO3		2.099	mg/L	EPA 353.2
8/23/2011 9:43	NO3		4.958	mg/L	EPA 353.2
8/31/2011 9:50	NO3		5.158	mg/L	EPA 353.2

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Sample Date	Parameter	Code	Result	Units	Method
9/7/2011 10:23	NO3		3.117	mg/L	EPA 353.2
8/10/2011 12:30	NO3+NO2		4.2	mg/L	EPA 353.2
8/17/2011 9:48	NO3+NO2		2.124	mg/L	EPA 353.2
8/23/2011 9:43	NO3+NO2		4.985	mg/L	EPA 353.2
8/31/2011 9:50	NO3+NO2		5.195	mg/L	EPA 353.2
9/7/2011 10:23	NO3+NO2		3.144	mg/L	EPA 353.2
8/10/2011 12:30	Pb		4.84	ug/L	EPA-200.7
8/17/2011 9:48	Pb	j	1.59	ug/L	EPA-200.7
8/23/2011 9:43	Pb	j	1.53	ug/L	EPA-200.7
8/31/2011 9:50	Pb	j	1.52	ug/L	EPA-200.7
9/7/2011 10:23	Pb	j	1.87	ug/L	EPA-200.7
8/10/2011 12:30	pH		7.9	S.U.	
8/17/2011 9:48	pH		7.64	S.U.	
8/23/2011 9:43	pH		7.85	S.U.	
8/31/2011 9:50	pH		7.62	S.U.	
9/7/2011 10:23	pH		7.64	S.U.	
8/10/2011 12:30	Sb	j	0.72	ug/L	EPA-200.7
8/17/2011 9:48	Sb	<	0.61	ug/L	EPA-200.7
8/23/2011 9:43	Sb	j	0.91	ug/L	EPA-200.7
8/31/2011 9:50	Sb	<	0.61	ug/L	EPA-200.7
9/7/2011 10:23	Sb	j	0.99	ug/L	EPA-200.7
8/10/2011 12:30	Se	<	0.63	ug/L	EPA-200.7
8/17/2011 9:48	Se	<	0.63	ug/L	EPA-200.7
8/23/2011 9:43	Se	j	1.24	ug/L	EPA-200.7
8/31/2011 9:50	Se	<	0.63	ug/L	EPA-200.7
9/7/2011 10:23	Se	j	1.39	ug/L	EPA-200.7
8/10/2011 12:30	Sn	<	18.4	ug/L	EPA-200.7
8/17/2011 9:48	Sn	<	18.4	ug/L	EPA-200.7
8/23/2011 9:43	Sn	<	18.4	ug/L	EPA-200.7
8/31/2011 9:50	Sn	<	18.4	ug/L	EPA-200.7
9/7/2011 10:23	Sn	<	18.4	ug/L	EPA-200.7
8/10/2011 12:30	Soluble-P		0.16	mg/L	EPA 365.1
8/17/2011 9:48	Soluble-P		0.075	mg/L	EPA 365.1
8/23/2011 9:43	Soluble-P		0.12	mg/L	EPA 365.1
8/31/2011 9:50	Soluble-P		0.164	mg/L	EPA 365.1
9/7/2011 10:23	Soluble-P		0.103	mg/L	EPA 365.1
8/10/2011 12:30	TDS		522	mg/L	SM2540C
8/17/2011 9:48	TDS		414	mg/L	SM2540C

Cuyahoga River  
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Sample Date	Parameter	Code	Result	Units	Method
8/23/2011 9:43	TDS		596	mg/L	SM2540C
8/31/2011 9:50	TDS		596	mg/L	SM2540C
9/7/2011 10:23	TDS		422	mg/L	SM2540C
8/10/2011 12:30	Ti		21.68	ug/L	EPA-200.7
8/17/2011 9:48	Ti		7.67	ug/L	EPA-200.7
8/23/2011 9:43	Ti		4.57	ug/L	EPA-200.7
8/31/2011 9:50	Ti		3.82	ug/L	EPA-200.7
9/7/2011 10:23	Ti		5.08	ug/L	EPA-200.7
8/10/2011 12:30	TI	<	1.11	ug/L	EPA-200.7
8/17/2011 9:48	TI	<	1.11	ug/L	EPA-200.7
8/23/2011 9:43	TI	<	1.11	ug/L	EPA-200.7
8/31/2011 9:50	TI	j	2.77	ug/L	EPA-200.7
9/7/2011 10:23	TI	<	1.11	ug/L	EPA-200.7
8/10/2011 12:30	TMET		66.2	ug/L	EPA-200.7
8/17/2011 9:48	TMET		34.9	ug/L	EPA-200.7
8/23/2011 9:43	TMET		45	ug/L	EPA-200.7
8/31/2011 9:50	TMET		49.1	ug/L	EPA-200.7
9/7/2011 10:23	TMET		48.4	ug/L	EPA-200.7
8/10/2011 12:30	Total-P		0.26	mg/L	EPA 365.1
8/17/2011 9:48	Total-P		0.126	mg/L	EPA 365.1
8/23/2011 9:43	Total-P		0.198	mg/L	EPA 365.1
8/31/2011 9:50	Total-P		0.241	mg/L	EPA 365.1
9/7/2011 10:23	Total-P		0.146	mg/L	EPA 365.1
8/10/2011 12:30	TS		648	mg/L	SM2540B
8/17/2011 9:48	TS		476	mg/L	SM2540B
8/23/2011 9:43	TS		748	mg/L	SM2540B
8/31/2011 9:50	TS		694	mg/L	SM2540B
9/7/2011 10:23	TS		496	mg/L	SM2540B
8/10/2011 12:30	TSS		62.8	mg/L	SM2540D
8/17/2011 9:48	TSS		39.5	mg/L	SM2540D
8/23/2011 9:43	TSS		28.4	mg/L	SM2540D
8/31/2011 9:50	TSS		22.6	mg/L	SM2540D
9/7/2011 10:23	TSS		17.2	mg/L	SM2540D
8/10/2011 12:30	Turbidity		46	NTU	EPA 180.1
8/17/2011 9:48	Turbidity		39.14	NTU	EPA 180.1
8/23/2011 9:43	Turbidity		26.05	NTU	EPA 180.1
8/31/2011 9:50	Turbidity		20.15	NTU	EPA 180.1
9/7/2011 10:23	Turbidity		13.7	NTU	EPA 180.1

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Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 12:30	V		3.14	ug/L	EPA-200.7
8/17/2011 9:48	V		1.95	ug/L	EPA-200.7
8/23/2011 9:43	V		1.62	ug/L	EPA-200.7
8/31/2011 9:50	V		1.52	ug/L	EPA-200.7
9/7/2011 10:23	V		1.3	ug/L	EPA-200.7
8/10/2011 12:30	Zn		47.98	ug/L	EPA-200.7
8/17/2011 9:48	Zn		21.35	ug/L	EPA-200.7
8/23/2011 9:43	Zn		32	ug/L	EPA-200.7
8/31/2011 9:50	Zn		34.29	ug/L	EPA-200.7
9/7/2011 10:23	Zn		34.94	ug/L	EPA-200.7

Cuyahoga River River Mile 0.20					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 13:08	Ag	<	0.12	ug/L	EPA-200.7
8/17/2011 9:15	Ag	<	0.12	ug/L	EPA-200.7
8/23/2011 9:09	Ag	<	0.12	ug/L	EPA-200.7
8/31/2011 9:25	Ag	<	0.12	ug/L	EPA-200.7
9/7/2011 10:49	Ag	<	0.12	ug/L	EPA-200.7
8/10/2011 13:08	Al		704.2	ug/L	EPA-200.7
8/17/2011 9:15	Al		148.9	ug/L	EPA-200.7
8/23/2011 9:09	Al		320.7	ug/L	EPA-200.7
8/31/2011 9:25	Al		174.8	ug/L	EPA-200.7
9/7/2011 10:49	Al		505.7	ug/L	EPA-200.7
8/10/2011 13:08	Alkalinity		133.6	mg/LCaCO3	EPA-310.2
8/17/2011 9:15	Alkalinity		84.05	mg/LCaCO3	EPA-310.2
8/23/2011 9:09	Alkalinity		109.2	mg/LCaCO3	EPA-310.2
8/31/2011 9:25	Alkalinity		102.6	mg/LCaCO3	EPA-310.2
9/7/2011 10:49	Alkalinity		81.5	mg/LCaCO3	EPA-310.2
8/10/2011 13:08	As		3.17	ug/L	EPA-200.7
8/17/2011 9:15	As	j	0.815	ug/L	EPA-200.7
8/23/2011 9:09	As		2.6	ug/L	EPA-200.7
8/31/2011 9:25	As		2.62	ug/L	EPA-200.7
9/7/2011 10:49	As	j	1.93	ug/L	EPA-200.7
8/10/2011 13:08	Ba		48.4	ug/L	EPA-200.7
8/17/2011 9:15	Ba		25.1	ug/L	EPA-200.7
8/23/2011 9:09	Ba		47.4	ug/L	EPA-200.7
8/31/2011 9:25	Ba		36.8	ug/L	EPA-200.7
9/7/2011 10:49	Ba		32.5	ug/L	EPA-200.7
8/10/2011 13:08	Be	<	0.12	ug/L	EPA-200.7
8/17/2011 9:15	Be	<	0.12	ug/L	EPA-200.7
8/23/2011 9:09	Be	<	0.12	ug/L	EPA-200.7
8/31/2011 9:25	Be	<	0.12	ug/L	EPA-200.7
9/7/2011 10:49	Be	<	0.12	ug/L	EPA-200.7
8/10/2011 13:08	BOD		2	mg/L	SM 5210
8/17/2011 9:15	BOD	<	2	mg/L	SM 5210
8/23/2011 9:09	BOD		7.4	mg/L	SM 5210
8/31/2011 9:25	BOD		2.1	mg/L	SM 5210
9/7/2011 10:49	BOD	<	2	mg/L	SM 5210
8/10/2011 13:08	Ca		67320	ug/L	EPA-200.7
8/17/2011 9:15	Ca		37520	ug/L	EPA-200.7
8/23/2011 9:09	Ca		62890	ug/L	EPA-200.7
8/31/2011 9:25	Ca		50500	ug/L	EPA-200.7

Cuyahoga River River Mile 0.20					
Sample Date	Parameter	Code	Result	Units	Method
9/7/2011 10:49	Ca		43980	ug/L	EPA-200.7
8/10/2011 13:08	CaCO3		235	mg/LCaCO3	EPA-200.7
8/17/2011 9:15	CaCO3		131	mg/LCaCO3	EPA-200.7
8/23/2011 9:09	CaCO3		217	mg/LCaCO3	EPA-200.7
8/31/2011 9:25	CaCO3		175	mg/LCaCO3	EPA-200.7
9/7/2011 10:49	CaCO3		150	mg/LCaCO3	EPA-200.7
8/10/2011 13:08	Cd	j	0.1	ug/L	EPA-200.7
8/17/2011 9:15	Cd	j	0.04	ug/L	EPA-200.7
8/23/2011 9:09	Cd	j	0.09	ug/L	EPA-200.7
8/31/2011 9:25	Cd	j	0.08	ug/L	EPA-200.7
9/7/2011 10:49	Cd	j	0.15	ug/L	EPA-200.7
8/10/2011 13:08	Chloride		168	mg/L	SM 4500-Cl C
8/17/2011 9:15	Chloride		34.5	mg/L	SM 4500-Cl C
8/23/2011 9:09	Chloride		181	mg/L	SM 4500-Cl C
8/31/2011 9:25	Chloride		111	mg/L	SM 4500-Cl C
9/7/2011 10:49	Chloride		137	mg/L	SM 4500-Cl C
8/10/2011 13:08	Co		1.16	ug/L	EPA-200.7
8/17/2011 9:15	Co	j	0.29	ug/L	EPA-200.7
8/23/2011 9:09	Co	j	0.89	ug/L	EPA-200.7
8/31/2011 9:25	Co	j	0.52	ug/L	EPA-200.7
9/7/2011 10:49	Co	j	0.51	ug/L	EPA-200.7
8/10/2011 13:08	COD		20	mg/L	EPA 410.4
8/17/2011 9:15	COD	j	7.5	mg/L	EPA 410.4
8/23/2011 9:09	COD		11	mg/L	EPA 410.4
8/31/2011 9:25	COD		17	mg/L	EPA 410.4
9/7/2011 10:49	COD		17	mg/L	EPA 410.4
8/10/2011 13:08	Cr	j	1.965	ug/L	EPA-200.7
8/17/2011 9:15	Cr	j	0.285	ug/L	EPA-200.7
8/23/2011 9:09	Cr	j	1.08	ug/L	EPA-200.7
8/10/2011 13:08	Cr+6	j	1.954	ug/L	SM 3500-Cr-D
8/17/2011 9:15	Cr+6	<	1	ug/L	SM 3500-Cr-D
8/23/2011 9:09	Cr+6	j	1.478	ug/L	SM 3500-Cr-D
8/10/2011 13:08	Cu		5.86	ug/L	EPA-200.7
8/17/2011 9:15	Cu		2.005	ug/L	EPA-200.7
8/23/2011 9:09	Cu		5.36	ug/L	EPA-200.7
8/31/2011 9:25	Cu		2.94	ug/L	EPA-200.7
9/7/2011 10:49	Cu		8.23	ug/L	EPA-200.7



Cuyahoga River River Mile 0.20					
Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 13:08	E. coli		5800	cfu/100mL	EPA 1603
8/17/2011 9:15	E. coli		112.5	cfu/100mL	EPA 1603
8/23/2011 9:09	E. coli		220	cfu/100mL	EPA 1603
8/31/2011 9:25	E. coli		42	cfu/100mL	EPA 1603
9/7/2011 10:49	E. coli		400	cfu/100mL	EPA 1603
8/10/2011 13:08	Fe		1416	ug/L	EPA-200.7
8/17/2011 9:15	Fe		299.35	ug/L	EPA-200.7
8/23/2011 9:09	Fe		780.7	ug/L	EPA-200.7
8/31/2011 9:25	Fe		442.1	ug/L	EPA-200.7
9/7/2011 10:49	Fe		895.6	ug/L	EPA-200.7
8/10/2011 13:08	Field Cond		971	uS/cm	SM 2510A
8/17/2011 9:15	Field Cond		358	uS/cm	SM 2510A
8/23/2011 9:09	Field Cond		981	uS/cm	SM 2510A
8/31/2011 9:25	Field Cond		656	uS/cm	SM 2510A
9/7/2011 10:49	Field Cond		648	uS/cm	SM 2510A
8/10/2011 13:08	Field DO		6.96	mg/L	SM 4500-0 G
8/17/2011 9:15	Field DO		7.63	mg/L	SM 4500-0 G
8/23/2011 9:09	Field DO		4.56	mg/L	SM 4500-0 G
8/31/2011 9:25	Field DO		6.04	mg/L	SM 4500-0 G
9/7/2011 10:49	Field DO		4.89	mg/L	SM 4500-0 G
8/10/2011 13:08	Field Temp		27.1	C	EPA 170.1
8/17/2011 9:15	Field Temp		23.9	C	EPA 170.1
8/23/2011 9:09	Field Temp		25.3	C	EPA 170.1
8/31/2011 9:25	Field Temp		23.4	C	EPA 170.1
9/7/2011 10:49	Field Temp		21.8	C	EPA 170.1
8/10/2011 13:08	Hg	<	0.005	ug/L	EPA 245.1
8/23/2011 9:09	Hg	j	0.048	ug/L	EPA 245.1
8/31/2011 9:25	Hg	<	0.005	ug/L	EPA 245.1
9/7/2011 10:49	Hg	<	0.005	ug/L	EPA 245.1
8/10/2011 13:08	K		8966	ug/L	EPA-200.7
8/17/2011 9:15	K		2572.5	ug/L	EPA-200.7
8/23/2011 9:09	K		8718	ug/L	EPA-200.7
8/31/2011 9:25	K		5814	ug/L	EPA-200.7
9/7/2011 10:49	K		6359	ug/L	EPA-200.7
8/10/2011 13:08	Mg		16180	ug/L	EPA-200.7
8/17/2011 9:15	Mg		9131	ug/L	EPA-200.7
8/23/2011 9:09	Mg		14650	ug/L	EPA-200.7
8/31/2011 9:25	Mg		11810	ug/L	EPA-200.7
9/7/2011 10:49	Mg		9798	ug/L	EPA-200.7

## Cuyahoga River

River Mile 0.20

Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 13:08	Mn		105.6	ug/L	EPA-200.7
8/17/2011 9:15	Mn		12.475	ug/L	EPA-200.7
8/23/2011 9:09	Mn		135.7	ug/L	EPA-200.7
8/31/2011 9:25	Mn		76.7	ug/L	EPA-200.7
9/7/2011 10:49	Mn		51.63	ug/L	EPA-200.7
8/10/2011 13:08	Mo		9.49	ug/L	EPA-200.7
8/17/2011 9:15	Mo		1.82	ug/L	EPA-200.7
8/23/2011 9:09	Mo		6.46	ug/L	EPA-200.7
8/31/2011 9:25	Mo		5.09	ug/L	EPA-200.7
9/7/2011 10:49	Mo		5.21	ug/L	EPA-200.7
8/10/2011 13:08	Na		98670	ug/L	EPA-200.7
8/17/2011 9:15	Na		23160	ug/L	EPA-200.7
8/23/2011 9:09	Na		108900	ug/L	EPA-200.7
8/31/2011 9:25	Na		64400	ug/L	EPA-200.7
9/7/2011 10:49	Na		69550	ug/L	EPA-200.7
8/10/2011 13:08	NH3		0.233	mg/L	EPA-350.1
8/17/2011 9:15	NH3		0.0665	mg/L	EPA-350.1
8/23/2011 9:09	NH3		0.296	mg/L	EPA-350.1
8/31/2011 9:25	NH3		0.192	mg/L	EPA-350.1
9/7/2011 10:49	NH3		0.308	mg/L	EPA-350.1
8/10/2011 13:08	Ni		7.06	ug/L	EPA-200.7
8/17/2011 9:15	Ni	j	1.585	ug/L	EPA-200.7
8/23/2011 9:09	Ni		7.03	ug/L	EPA-200.7
8/31/2011 9:25	Ni		3.89	ug/L	EPA-200.7
9/7/2011 10:49	Ni		5.62	ug/L	EPA-200.7
8/10/2011 13:08	NO2		0.046	mg/L	SM 4500-NO2-B
8/17/2011 9:15	NO2	j	0.008	mg/L	SM 4500-NO2-B
8/23/2011 9:09	NO2		0.032	mg/L	SM 4500-NO2-B
8/31/2011 9:25	NO2		0.024	mg/L	SM 4500-NO2-B
9/7/2011 10:49	NO2		0.053	mg/L	SM 4500-NO2-B
8/10/2011 13:08	NO3		5.018	mg/L	EPA 353.2
8/17/2011 9:15	NO3		0.4975	mg/L	EPA 353.2
8/23/2011 9:09	NO3		3.5	mg/L	EPA 353.2
8/31/2011 9:25	NO3		2.161	mg/L	EPA 353.2
9/7/2011 10:49	NO3		2.967	mg/L	EPA 353.2
8/10/2011 13:08	NO3+NO2		5.064	mg/L	EPA 353.2
8/17/2011 9:15	NO3+NO2		0.5055	mg/L	EPA 353.2
8/23/2011 9:09	NO3+NO2		3.532	mg/L	EPA 353.2

Cuyahoga River River Mile 0.20					
Sample Date	Parameter	Code	Result	Units	Method
8/31/2011 9:25	NO3+NO2		2.186	mg/L	EPA 353.2
9/7/2011 10:49	NO3+NO2		3.02	mg/L	EPA 353.2
8/10/2011 13:08	Pb	j	2.705	ug/L	EPA-200.7
8/17/2011 9:15	Pb	<	0.39	ug/L	EPA-200.7
8/23/2011 9:09	Pb	j	1.48	ug/L	EPA-200.7
8/31/2011 9:25	Pb	j	1	ug/L	EPA-200.7
9/7/2011 10:49	Pb	j	2.17	ug/L	EPA-200.7
8/10/2011 13:08	pH		7.75	S.U.	
8/17/2011 9:15	pH		7.88	S.U.	
8/23/2011 9:09	pH		7.81	S.U.	
8/31/2011 9:25	pH		7.31	S.U.	
9/7/2011 10:49	pH		7.53	S.U.	
8/10/2011 13:08	Sb	j	0.98	ug/L	EPA-200.7
8/17/2011 9:15	Sb	<	0.61	ug/L	EPA-200.7
8/23/2011 9:09	Sb	j	0.87	ug/L	EPA-200.7
8/31/2011 9:25	Sb	<	0.61	ug/L	EPA-200.7
9/7/2011 10:49	Sb	j	0.71	ug/L	EPA-200.7
8/10/2011 13:08	Se	j	1.515	ug/L	EPA-200.7
8/17/2011 9:15	Se	<	0.63	ug/L	EPA-200.7
8/23/2011 9:09	Se	j	1.41	ug/L	EPA-200.7
8/31/2011 9:25	Se	j	1.31	ug/L	EPA-200.7
9/7/2011 10:49	Se	j	0.9	ug/L	EPA-200.7
8/10/2011 13:08	Sn	<	18.4	ug/L	EPA-200.7
8/17/2011 9:15	Sn	<	18.4	ug/L	EPA-200.7
8/23/2011 9:09	Sn	<	18.4	ug/L	EPA-200.7
8/31/2011 9:25	Sn	<	18.4	ug/L	EPA-200.7
9/7/2011 10:49	Sn	<	18.4	ug/L	EPA-200.7
8/10/2011 13:08	Soluble-P		0.138	mg/L	EPA 365.1
8/17/2011 9:15	Soluble-P		0.0195	mg/L	EPA 365.1
8/23/2011 9:09	Soluble-P		0.09	mg/L	EPA 365.1
8/31/2011 9:25	Soluble-P		0.05	mg/L	EPA 365.1
9/7/2011 10:49	Soluble-P		0.106	mg/L	EPA 365.1
8/10/2011 13:08	TDS		569	mg/L	SM2540C
8/17/2011 9:15	TDS		223	mg/L	SM2540C
8/23/2011 9:09	TDS		596	mg/L	SM2540C
8/31/2011 9:25	TDS		386	mg/L	SM2540C
9/7/2011 10:49	TDS		376	mg/L	SM2540C
8/10/2011 13:08	Ti		12.64	ug/L	EPA-200.7

Cuyahoga River River Mile 0.20						
Sample Date	Parameter	Code	Result	Units	Method	
8/17/2011 9:15	Ti	j	1.645	ug/L	EPA-200.7	
8/23/2011 9:09	Ti		4.38	ug/L	EPA-200.7	
8/31/2011 9:25	Ti		2.44	ug/L	EPA-200.7	
9/7/2011 10:49	Ti		9.91	ug/L	EPA-200.7	
8/10/2011 13:08	TI	<	1.11	ug/L	EPA-200.7	
8/17/2011 9:15	TI	<	1.11	ug/L	EPA-200.7	
8/23/2011 9:09	TI	<	1.11	ug/L	EPA-200.7	
8/31/2011 9:25	TI	j	2.46	ug/L	EPA-200.7	
9/7/2011 10:49	TI	j	1.17	ug/L	EPA-200.7	
8/10/2011 13:08	TMET		54.4	ug/L	EPA-200.7	
8/17/2011 9:15	TMET	<	10	ug/L	EPA-200.7	
8/23/2011 9:09	TMET		37.4	ug/L	EPA-200.7	
8/31/2011 9:25	TMET		24.2	ug/L	EPA-200.7	
9/7/2011 10:49	TMET		36.7	ug/L	EPA-200.7	
8/10/2011 13:08	Total-P		0.215	mg/L	EPA 365.1	
8/17/2011 9:15	Total-P		0.0365	mg/L	EPA 365.1	
8/23/2011 9:09	Total-P		0.144	mg/L	EPA 365.1	
8/31/2011 9:25	Total-P		0.098	mg/L	EPA 365.1	
9/7/2011 10:49	Total-P		0.136	mg/L	EPA 365.1	
8/10/2011 13:08	TS		654	mg/L	SM2540B	
8/17/2011 9:15	TS		240.5	mg/L	SM2540B	
8/23/2011 9:09	TS		726	mg/L	SM2540B	
8/31/2011 9:25	TS		450	mg/L	SM2540B	
9/7/2011 10:49	TS		442	mg/L	SM2540B	
8/10/2011 13:08	TSS		36	mg/L	SM2540D	
8/17/2011 9:15	TSS		7.9	mg/L	SM2540D	
8/23/2011 9:09	TSS		19	mg/L	SM2540D	
8/31/2011 9:25	TSS		13	mg/L	SM2540D	
9/7/2011 10:49	TSS		18.2	mg/L	SM2540D	
8/10/2011 13:08	Turbidity		33.75	NTU	EPA 180.1	
8/17/2011 9:15	Turbidity		8.785	NTU	EPA 180.1	
8/23/2011 9:09	Turbidity		23	NTU	EPA 180.1	
8/31/2011 9:25	Turbidity		11.6	NTU	EPA 180.1	
9/7/2011 10:49	Turbidity		22.6	NTU	EPA 180.1	
8/10/2011 13:08	V		2.36	ug/L	EPA-200.7	
8/17/2011 9:15	V	j	0.36	ug/L	EPA-200.7	
8/23/2011 9:09	V		1.5	ug/L	EPA-200.7	
8/31/2011 9:25	V	j	0.56	ug/L	EPA-200.7	
9/7/2011 10:49	V		1.87	ug/L	EPA-200.7	

Cuyahoga River  
River Mile 0.20

Sample Date	Parameter	Code	Result	Units	Method
8/10/2011 13:08	Zn		39.27	ug/L	EPA-200.7
8/17/2011 9:15	Zn	j	4.09	ug/L	EPA-200.7
8/23/2011 9:09	Zn		23.88	ug/L	EPA-200.7
8/31/2011 9:25	Zn		17.05	ug/L	EPA-200.7
9/7/2011 10:49	Zn		21.45	ug/L	EPA-200.7

Codes

j = Result is greater than the method detection limit (MDL), but less than the practical quantitation limit (PQL)

< = Result is less than the method detection limit (MDL)

EC = Estimated count