

Chippewa Creek, Bramblewood Branch

River Mile 0.10

Sample Date	Parameter	Code	Result	Units	Method
7/11/2017 10:30	*CaCO3		334	mg/LCaCO3	EPA200.8
7/18/2017 10:40	*CaCO3		594	mg/LCaCO3	EPA200.8
7/25/2017 10:15	*CaCO3		558.5	mg/LCaCO3	EPA200.8
8/1/2017 10:55	*CaCO3		608	mg/LCaCO3	EPA200.8
8/8/2017 11:05	*CaCO3		599	mg/LCaCO3	EPA200.8
7/11/2017 10:30	Ag	<	0.254	ug/L	EPA200.8
7/18/2017 10:40	Ag	<	0.254	ug/L	EPA200.8
7/25/2017 10:15	Ag	<	0.254	ug/L	EPA200.8
8/1/2017 10:55	Ag	<	0.254	ug/L	EPA200.8
8/8/2017 11:05	Ag	<	0.254	ug/L	EPA200.8
7/11/2017 10:30	Al		20.73	ug/L	EPA200.8
7/18/2017 10:40	Al		21.17	ug/L	EPA200.8
7/25/2017 10:15	Al		17.595	ug/L	EPA200.8
8/1/2017 10:55	Al		71.11	ug/L	EPA200.8
8/8/2017 11:05	Al	<	5	ug/L	EPA200.8
7/11/2017 10:30	Alkalinity		183.1	mg/LCaCO3	EPA310.2
7/18/2017 10:40	Alkalinity		259.8	mg/LCaCO3	EPA310.2
7/25/2017 10:15	Alkalinity		264.75	mg/LCaCO3	EPA310.2
8/1/2017 10:55	Alkalinity		265.8	mg/LCaCO3	EPA310.2
8/8/2017 11:05	Alkalinity		263.5	mg/LCaCO3	EPA310.2
7/11/2017 10:30	As	<	1.164	ug/L	EPA200.8
7/18/2017 10:40	As	<	1.164	ug/L	EPA200.8
7/25/2017 10:15	As	<	1.164	ug/L	EPA200.8
8/1/2017 10:55	As	<	1.164	ug/L	EPA200.8
8/8/2017 11:05	As	<	1.164	ug/L	EPA200.8
7/11/2017 10:30	Ba		30.73	ug/L	EPA200.8
7/18/2017 10:40	Ba		48.25	ug/L	EPA200.8
7/25/2017 10:15	Ba		49.105	ug/L	EPA200.8
8/1/2017 10:55	Ba		50.92	ug/L	EPA200.8
8/8/2017 11:05	Ba		48.74	ug/L	EPA200.8
7/11/2017 10:30	Be	<	0.188	ug/L	EPA200.8
7/18/2017 10:40	Be	<	0.188	ug/L	EPA200.8
7/25/2017 10:15	Be	<	0.188	ug/L	EPA200.8
8/1/2017 10:55	Be	<	0.188	ug/L	EPA200.8
8/8/2017 11:05	Be	<	0.188	ug/L	EPA200.8
7/11/2017 10:30	BOD	<	2	mg/L	SM5210 B
7/18/2017 10:40	BOD	<	2	mg/L	SM5210 B
7/25/2017 10:15	BOD	<	2	mg/L	SM5210 B
8/1/2017 10:55	BOD	<	2	mg/L	SM5210 B

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Sample Date	Parameter	Code	Result	Units	Method
8/8/2017 11:05	BOD	<	2	mg/L	SM5210 B
7/11/2017 10:30	Ca		84640	ug/L	EPA200.8
7/18/2017 10:40	Ca		139300	ug/L	EPA200.8
7/25/2017 10:15	Ca		138900	ug/L	EPA200.8
8/1/2017 10:55	Ca		154600	ug/L	EPA200.8
8/8/2017 11:05	Ca		141900	ug/L	EPA200.8
7/11/2017 10:30	Cd	<	0.106	ug/L	EPA200.8
7/18/2017 10:40	Cd	<	0.106	ug/L	EPA200.8
7/25/2017 10:15	Cd	<	0.106	ug/L	EPA200.8
8/1/2017 10:55	Cd	<	0.106	ug/L	EPA200.8
8/8/2017 11:05	Cd	<	0.106	ug/L	EPA200.8
7/11/2017 10:30	Chloride		116	mg/L	EPA300.0
7/18/2017 10:40	Chloride		139	mg/L	EPA300.0
7/25/2017 10:15	Chloride		135.6	mg/L	EPA300.0
8/1/2017 10:55	Chloride		142.1	mg/L	EPA300.0
8/8/2017 11:05	Chloride		148.1	mg/L	EPA300.0
7/11/2017 10:30	Co	j	0.202	ug/L	EPA200.8
7/18/2017 10:40	Co	j	0.298	ug/L	EPA200.8
7/25/2017 10:15	Co	j	0.283	ug/L	EPA200.8
8/1/2017 10:55	Co	j	0.358	ug/L	EPA200.8
8/8/2017 11:05	Co	j	0.323	ug/L	EPA200.8
7/11/2017 10:30	COD	j	6	mg/L	EPA410.4
7/18/2017 10:40	COD	<	4.6	mg/L	EPA410.4
7/25/2017 10:15	COD	<	5	mg/L	EPA410.4
8/1/2017 10:55	COD	<	4.6	mg/L	EPA410.4
8/8/2017 11:05	COD	<	4.6	mg/L	EPA410.4
7/11/2017 10:30	Cr	j	1.241	ug/L	EPA200.8
7/18/2017 10:40	Cr	j	1.322	ug/L	EPA200.8
7/25/2017 10:15	Cr	j	1.5315	ug/L	EPA200.8
8/1/2017 10:55	Cr	j	1.224	ug/L	EPA200.8
8/8/2017 11:05	Cr	j	1.058	ug/L	EPA200.8
7/11/2017 10:30	Cu		2.068	ug/L	EPA200.8
7/18/2017 10:40	Cu	j	1.277	ug/L	EPA200.8
7/25/2017 10:15	Cu	j	1.4445	ug/L	EPA200.8
8/1/2017 10:55	Cu	j	1.579	ug/L	EPA200.8
8/8/2017 11:05	Cu	j	1.171	ug/L	EPA200.8
7/11/2017 10:30	DRPhos		0.016	mg/L	EPA365.1
7/25/2017 10:15	DRPhos		0.0165	mg/L	EPA365.1

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Sample Date	Parameter	Code	Result	Units	Method
8/1/2017 10:55	DRPhos	j	0.009	mg/L	EPA365.1
8/8/2017 11:05	DRPhos		0.01	mg/L	EPA365.1
7/11/2017 10:30	E. coli		489	MPN/100 mL	SM9223 Colilert
7/18/2017 10:40	E. coli		303	MPN/100 mL	SM9223 Colilert
7/25/2017 10:15	E. coli		377	MPN/100 mL	SM9223 Colilert
8/1/2017 10:55	E. coli		63	MPN/100 mL	SM9223 Colilert
8/8/2017 11:05	E. coli		304	MPN/100 mL	SM9223 Colilert
7/11/2017 10:30	Fe		342.8	ug/L	EPA200.8
7/18/2017 10:40	Fe		546	ug/L	EPA200.8
7/25/2017 10:15	Fe		490.6	ug/L	EPA200.8
8/1/2017 10:55	Fe		631.6	ug/L	EPA200.8
8/8/2017 11:05	Fe		555.7	ug/L	EPA200.8
7/11/2017 10:30	Field Cond		897.5	umhos/cm	SM 2510A
7/18/2017 10:40	Field Cond		1371	umhos/cm	SM 2510A
7/25/2017 10:15	Field Cond		1202	umhos/cm	SM 2510A
8/1/2017 10:55	Field Cond		1388	umhos/cm	SM 2510A
8/8/2017 11:05	Field Cond		1287	umhos/cm	SM 2510A
7/11/2017 10:30	Field Spec Cond		1015	umhos/cm	SM 2510B
7/18/2017 10:40	Field Spec Cond		1605	umhos/cm	SM 2510B
7/25/2017 10:15	Field Spec Cond		1430	umhos/cm	SM 2510B
8/1/2017 10:55	Field Spec Cond		1598	umhos/cm	SM 2510B
8/8/2017 11:05	Field Spec Cond		1535	umhos/cm	SM 2510B
7/11/2017 10:30	Field DO		9.25	mg/L	SM 4500-0 G
7/18/2017 10:40	Field DO		9.6	mg/L	SM 4500-0 G
7/25/2017 10:15	Field DO		9.4	mg/L	SM 4500-0 G
8/1/2017 10:55	Field DO		9.7	mg/L	SM 4500-0 G
8/8/2017 11:05	Field DO		9.9	mg/L	SM 4500-0 G
7/11/2017 10:30	Field DO		99.9	%	
7/18/2017 10:40	Field DO		100	%	
7/25/2017 10:15	Field DO		97	%	
8/1/2017 10:55	Field DO		104	%	
8/8/2017 11:05	Field DO		103	%	
7/11/2017 10:30	Field Temp		18.9	C	EPA 170.1
7/18/2017 10:40	Field Temp		17.3	C	EPA 170.1
7/25/2017 10:15	Field Temp		16.7	C	EPA 170.1
8/1/2017 10:55	Field Temp		18.1	C	EPA 170.1
8/8/2017 11:05	Field Temp		16.9	C	EPA 170.1
7/11/2017 10:30	Hg	<	0.025	ug/L	EPA245.1

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Sample Date	Parameter	Code	Result	Units	Method
7/18/2017 10:40	Hg	<	0.025	ug/L	EPA245.1
7/25/2017 10:15	Hg	<	0.025	ug/L	EPA245.1
8/1/2017 10:55	Hg	<	0.025	ug/L	EPA245.1
8/8/2017 11:05	Hg	<	0.025	ug/L	EPA245.1
7/11/2017 10:30	K		3373	ug/L	EPA200.8
7/18/2017 10:40	K		3889	ug/L	EPA200.8
7/25/2017 10:15	K		3972	ug/L	EPA200.8
8/1/2017 10:55	K		3862	ug/L	EPA200.8
8/8/2017 11:05	K		3593	ug/L	EPA200.8
7/11/2017 10:30	Mg		29790	ug/L	EPA200.8
7/18/2017 10:40	Mg		59860	ug/L	EPA200.8
7/25/2017 10:15	Mg		51415	ug/L	EPA200.8
8/1/2017 10:55	Mg		53960	ug/L	EPA200.8
8/8/2017 11:05	Mg		59380	ug/L	EPA200.8
7/11/2017 10:30	Mn		26.83	ug/L	EPA200.8
7/18/2017 10:40	Mn		30.1	ug/L	EPA200.8
7/25/2017 10:15	Mn		28.4	ug/L	EPA200.8
8/1/2017 10:55	Mn		33.38	ug/L	EPA200.8
8/8/2017 11:05	Mn		19.41	ug/L	EPA200.8
7/11/2017 10:30	Mo		1.699	ug/L	EPA200.8
7/18/2017 10:40	Mo		1.438	ug/L	EPA200.8
7/25/2017 10:15	Mo		1.5565	ug/L	EPA200.8
8/1/2017 10:55	Mo		1.479	ug/L	EPA200.8
8/8/2017 11:05	Mo		1.488	ug/L	EPA200.8
7/11/2017 10:30	Na		81060	ug/L	EPA200.8
7/18/2017 10:40	Na		81680	ug/L	EPA200.8
7/25/2017 10:15	Na		78630	ug/L	EPA200.8
8/1/2017 10:55	Na		75930	ug/L	EPA200.8
8/8/2017 11:05	Na		83940	ug/L	EPA200.8
7/11/2017 10:30	NH3	<	0.01	mg/L	EPA350.1
7/18/2017 10:40	NH3	<	0.01	mg/L	EPA350.1
7/25/2017 10:15	NH3	<	0.01	mg/L	EPA350.1
8/1/2017 10:55	NH3	<	0.01	mg/L	EPA350.1
8/8/2017 11:05	NH3	<	0.01	mg/L	EPA350.1
7/11/2017 10:30	Ni	j	1.931	ug/L	EPA200.8
7/18/2017 10:40	Ni	j	3.746	ug/L	EPA200.8
7/25/2017 10:15	Ni	j	3.2525	ug/L	EPA200.8
8/1/2017 10:55	Ni	j	2.776	ug/L	EPA200.8
8/8/2017 11:05	Ni	j	2.745	ug/L	EPA200.8

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River Mile 0.10

Sample Date	Parameter	Code	Result	Units	Method
7/11/2017 10:30	NO3-NO2		0.631	mg/L	EPA353.2
7/18/2017 10:40	NO3-NO2		0.32	mg/L	EPA353.2
7/25/2017 10:15	NO3-NO2		0.3945	mg/L	EPA353.2
8/1/2017 10:55	NO3-NO2		0.215	mg/L	EPA353.2
8/8/2017 11:05	NO3-NO2		0.199	mg/L	EPA353.2
7/11/2017 10:30	Pb	<	0.168	ug/L	EPA200.8
7/18/2017 10:40	Pb	<	0.168	ug/L	EPA200.8
7/25/2017 10:15	Pb	<	0.168	ug/L	EPA200.8
8/1/2017 10:55	Pb	j	0.247	ug/L	EPA200.8
8/8/2017 11:05	Pb	<	0.168	ug/L	EPA200.8
7/11/2017 10:30	pH		8.13	S.U.	
7/18/2017 10:40	pH		8.2	S.U.	
7/25/2017 10:15	pH		8.2	S.U.	
8/1/2017 10:55	pH		8.1	S.U.	
8/8/2017 11:05	pH		8.1	S.U.	
7/11/2017 10:30	Sb	<	0.794	ug/L	EPA200.8
7/18/2017 10:40	Sb	<	0.794	ug/L	EPA200.8
7/25/2017 10:15	Sb	<	0.794	ug/L	EPA200.8
8/1/2017 10:55	Sb	<	0.794	ug/L	EPA200.8
8/8/2017 11:05	Sb	<	0.794	ug/L	EPA200.8
7/11/2017 10:30	Se	<	1.244	ug/L	EPA200.8
7/18/2017 10:40	Se	<	1.244	ug/L	EPA200.8
7/25/2017 10:15	Se	<	1.244	ug/L	EPA200.8
8/1/2017 10:55	Se	<	1.244	ug/L	EPA200.8
8/8/2017 11:05	Se	<	1.244	ug/L	EPA200.8
7/11/2017 10:30	Sn	<	1.336	ug/L	EPA200.8
7/18/2017 10:40	Sn	<	1.336	ug/L	EPA200.8
7/25/2017 10:15	Sn	<	1.336	ug/L	EPA200.8
8/1/2017 10:55	Sn	<	1.336	ug/L	EPA200.8
8/8/2017 11:05	Sn	<	1.336	ug/L	EPA200.8
7/11/2017 10:30	SO4		150.6	mg/L	EPA300.0
7/18/2017 10:40	SO4		297.6	mg/L	EPA300.0
8/1/2017 10:55	SO4		353.6	mg/L	EPA300.0
8/8/2017 11:05	SO4	>	200	mg/L	EPA300.0
7/11/2017 10:30	Sr		317.655	ug/L	EPA200.8
7/18/2017 10:40	Sr		588.374	ug/L	EPA200.8
7/25/2017 10:15	Sr		586.737	ug/L	EPA200.8
8/1/2017 10:55	Sr		638.731	ug/L	EPA200.8

Chippewa Creek, Bramblewood Branch

River Mile 0.10

Sample Date	Parameter	Code	Result	Units	Method
8/8/2017 11:05	Sr		633.611	ug/L	EPA200.8
7/11/2017 10:30	TDS		700	mg/L	SM2540 C
7/18/2017 10:40	TDS		1180	mg/L	SM2540 C
7/25/2017 10:15	TDS		1089	mg/L	SM2540 C
8/1/2017 10:55	TDS		1166	mg/L	SM2540 C
8/8/2017 11:05	TDS		1202	mg/L	SM2540 C
7/11/2017 10:30	Ti	j	1.412	ug/L	EPA200.8
7/18/2017 10:40	Ti	j	1.689	ug/L	EPA200.8
7/25/2017 10:15	Ti	j	1.704	ug/L	EPA200.8
8/1/2017 10:55	Ti		2.666	ug/L	EPA200.8
8/8/2017 11:05	Ti	j	1.727	ug/L	EPA200.8
7/11/2017 10:30	TKN	j	0.335	mg/L	EPA351.2
7/18/2017 10:40	TKN	<	0.237	mg/L	EPA351.2
7/25/2017 10:15	TKN	<	0.237	mg/L	EPA351.2
8/1/2017 10:55	TKN	<	0.237	mg/L	EPA351.2
8/8/2017 11:05	TKN	<	0.237	mg/L	EPA351.2
7/11/2017 10:30	TI	<	0.196	ug/L	EPA200.8
7/18/2017 10:40	TI	<	0.196	ug/L	EPA200.8
7/25/2017 10:15	TI	<	0.196	ug/L	EPA200.8
8/1/2017 10:55	TI	<	0.196	ug/L	EPA200.8
8/8/2017 11:05	TI	<	0.196	ug/L	EPA200.8
7/11/2017 10:30	TMET	<	10	ug/L	EPA200.8
7/18/2017 10:40	TMET	<	10	ug/L	EPA200.8
7/25/2017 10:15	TMET	<	10	ug/L	EPA200.8
8/1/2017 10:55	TMET	<	10	ug/L	EPA200.8
8/8/2017 11:05	TMET	<	10	ug/L	EPA200.8
7/11/2017 10:30	Total-P		0.022	mg/L	EPA365.1
7/25/2017 10:15	Total-P		0.018	mg/L	EPA365.1
8/1/2017 10:55	Total-P		0.014	mg/L	EPA365.1
8/8/2017 11:05	Total-P	j	0.008	mg/L	EPA365.1
7/11/2017 10:30	TS		700	mg/L	SM2540 B
7/18/2017 10:40	TS		1208	mg/L	SM2540 B
7/25/2017 10:15	TS		1178	mg/L	SM2540 B
8/1/2017 10:55	TS		1316	mg/L	SM2540 B
8/8/2017 11:05	TS		1184	mg/L	SM2540 B
7/11/2017 10:30	TSS		3.8	mg/L	SM2540 D
7/18/2017 10:40	TSS		1.8	mg/L	SM2540 D
7/25/2017 10:15	TSS		1	mg/L	SM2540 D

Chippewa Creek, Bramblewood Branch

River Mile 0.10

Sample Date	Parameter	Code	Result	Units	Method
8/1/2017 10:55	TSS		25.6	mg/L	SM2540 D
8/8/2017 11:05	TSS	<	0.5	mg/L	SM2540 D
7/11/2017 10:30	Turbidity		2.08	NTU	EPA180.1
7/18/2017 10:40	Turbidity		2	NTU	EPA180.1
7/25/2017 10:15	Turbidity		1.45	NTU	EPA180.1
8/1/2017 10:55	Turbidity		2.9	NTU	EPA180.1
8/8/2017 11:05	Turbidity		7.1	NTU	EPA180.1
7/11/2017 10:30	V	<	4.138	ug/L	EPA200.8
7/18/2017 10:40	V	<	4.138	ug/L	EPA200.8
7/25/2017 10:15	V	<	4.138	ug/L	EPA200.8
8/1/2017 10:55	V	<	4.138	ug/L	EPA200.8
8/8/2017 11:05	V	<	4.138	ug/L	EPA200.8
7/11/2017 10:30	Zn	j	1.073	ug/L	EPA200.8
7/18/2017 10:40	Zn	j	1.574	ug/L	EPA200.8
7/25/2017 10:15	Zn	j	1.0135	ug/L	EPA200.8
8/1/2017 10:55	Zn	j	1.298	ug/L	EPA200.8
8/8/2017 11:05	Zn	<	0.626	ug/L	EPA200.8

Chippewa Creek River Mile 0.60					
Sample Date	Parameter	Code	Result	Units	Method
7/11/2017 10:00	*CaCO3		208	mg/LCaCO3	EPA200.8
7/18/2017 10:15	*CaCO3		258	mg/LCaCO3	EPA200.8
7/25/2017 9:45	*CaCO3		263	mg/LCaCO3	EPA200.8
8/1/2017 10:20	*CaCO3		357	mg/LCaCO3	EPA200.8
8/8/2017 10:40	*CaCO3		317	mg/LCaCO3	EPA200.8
7/11/2017 10:00	Ag	<	0.254	ug/L	EPA200.8
7/18/2017 10:15	Ag	<	0.254	ug/L	EPA200.8
7/25/2017 9:45	Ag	<	0.254	ug/L	EPA200.8
8/1/2017 10:20	Ag	<	0.254	ug/L	EPA200.8
8/8/2017 10:40	Ag	<	0.254	ug/L	EPA200.8
7/11/2017 10:00	Al		128.3	ug/L	EPA200.8
7/18/2017 10:15	Al		17.72	ug/L	EPA200.8
7/25/2017 9:45	Al		41.08	ug/L	EPA200.8
8/1/2017 10:20	Al		11.82	ug/L	EPA200.8
8/8/2017 10:40	Al		12	ug/L	EPA200.8
7/11/2017 10:00	Alkalinity		120.8	mg/LCaCO3	EPA310.2
7/18/2017 10:15	Alkalinity		146.8	mg/LCaCO3	EPA310.2
7/25/2017 9:45	Alkalinity		158.6	mg/LCaCO3	EPA310.2
8/1/2017 10:20	Alkalinity		164	mg/LCaCO3	EPA310.2
8/8/2017 10:40	Alkalinity		160.5	mg/LCaCO3	EPA310.2
7/11/2017 10:00	As	<	1.164	ug/L	EPA200.8
7/18/2017 10:15	As	<	1.164	ug/L	EPA200.8
7/25/2017 9:45	As	<	1.164	ug/L	EPA200.8
8/1/2017 10:20	As	<	1.164	ug/L	EPA200.8
8/8/2017 10:40	As	<	1.164	ug/L	EPA200.8
7/11/2017 10:00	Ba		26.88	ug/L	EPA200.8
7/18/2017 10:15	Ba		34.36	ug/L	EPA200.8
7/25/2017 9:45	Ba		37.67	ug/L	EPA200.8
8/1/2017 10:20	Ba		50.57	ug/L	EPA200.8
8/8/2017 10:40	Ba		42.41	ug/L	EPA200.8
7/11/2017 10:00	Be	<	0.188	ug/L	EPA200.8
7/18/2017 10:15	Be	<	0.188	ug/L	EPA200.8
7/25/2017 9:45	Be	<	0.188	ug/L	EPA200.8
8/1/2017 10:20	Be	<	0.188	ug/L	EPA200.8
8/8/2017 10:40	Be	<	0.188	ug/L	EPA200.8
7/11/2017 10:00	BOD	<	2	mg/L	SM5210 B
7/18/2017 10:15	BOD	<	2	mg/L	SM5210 B
7/25/2017 9:45	BOD	<	2	mg/L	SM5210 B
8/1/2017 10:20	BOD	<	2	mg/L	SM5210 B

Chippewa Creek River Mile 0.60					
Sample Date	Parameter	Code	Result	Units	Method
8/8/2017 10:40	BOD	<	2	mg/L	SM5210 B
7/11/2017 10:00	Ca		57760	ug/L	EPA200.8
7/18/2017 10:15	Ca		68480	ug/L	EPA200.8
7/25/2017 9:45	Ca		71780	ug/L	EPA200.8
8/1/2017 10:20	Ca		97080	ug/L	EPA200.8
8/8/2017 10:40	Ca		84950	ug/L	EPA200.8
7/11/2017 10:00	Cd	<	0.106	ug/L	EPA200.8
7/18/2017 10:15	Cd	<	0.106	ug/L	EPA200.8
7/25/2017 9:45	Cd	<	0.106	ug/L	EPA200.8
8/1/2017 10:20	Cd	<	0.106	ug/L	EPA200.8
8/8/2017 10:40	Cd	<	0.106	ug/L	EPA200.8
7/11/2017 10:00	Chloride		132.3	mg/L	EPA300.0
7/18/2017 10:15	Chloride		145.6	mg/L	EPA300.0
7/25/2017 9:45	Chloride		143.8	mg/L	EPA300.0
8/1/2017 10:20	Chloride		170.9	mg/L	EPA300.0
8/8/2017 10:40	Chloride		169.8	mg/L	EPA300.0
7/11/2017 10:00	Co	j	0.264	ug/L	EPA200.8
7/18/2017 10:15	Co	j	0.183	ug/L	EPA200.8
7/25/2017 9:45	Co	j	0.163	ug/L	EPA200.8
8/1/2017 10:20	Co	j	0.225	ug/L	EPA200.8
8/8/2017 10:40	Co	j	0.217	ug/L	EPA200.8
7/11/2017 10:00	COD		11.7	mg/L	EPA410.4
7/18/2017 10:15	COD	j	7.1	mg/L	EPA410.4
7/25/2017 9:45	COD	j	7.6	mg/L	EPA410.4
8/1/2017 10:20	COD	j	5.4	mg/L	EPA410.4
8/8/2017 10:40	COD	<	4.6	mg/L	EPA410.4
7/11/2017 10:00	Cr	j	1.525	ug/L	EPA200.8
7/18/2017 10:15	Cr	j	1.445	ug/L	EPA200.8
7/25/2017 9:45	Cr	j	1.581	ug/L	EPA200.8
8/1/2017 10:20	Cr	j	1.312	ug/L	EPA200.8
8/8/2017 10:40	Cr	j	1.349	ug/L	EPA200.8
7/11/2017 10:00	Cu		2.872	ug/L	EPA200.8
7/18/2017 10:15	Cu		2.041	ug/L	EPA200.8
7/25/2017 9:45	Cu		2.049	ug/L	EPA200.8
8/1/2017 10:20	Cu	j	1.914	ug/L	EPA200.8
8/8/2017 10:40	Cu	j	1.788	ug/L	EPA200.8
7/11/2017 10:00	DRPhos	j	0.007	mg/L	EPA365.1
7/25/2017 9:45	DRPhos	j	0.008	mg/L	EPA365.1

Chippewa Creek River Mile 0.60					
Sample Date	Parameter	Code	Result	Units	Method
8/1/2017 10:20	DRPhos	j	0.004	mg/L	EPA365.1
8/8/2017 10:40	DRPhos	j	0.004	mg/L	EPA365.1
7/11/2017 10:00	E. coli		1419	MPN/100 mL	SM9223 Colilert
7/18/2017 10:15	E. coli		164	MPN/100 mL	SM9223 Colilert
7/25/2017 9:45	E. coli		150	MPN/100 mL	SM9223 Colilert
8/1/2017 10:20	E. coli		28	MPN/100 mL	SM9223 Colilert
8/8/2017 10:40	E. coli		68	MPN/100 mL	SM9223 Colilert
7/11/2017 10:00	Fe		395.2	ug/L	EPA200.8
7/18/2017 10:15	Fe		253	ug/L	EPA200.8
7/25/2017 9:45	Fe		245.9	ug/L	EPA200.8
8/1/2017 10:20	Fe		367.1	ug/L	EPA200.8
8/8/2017 10:40	Fe		348.7	ug/L	EPA200.8
7/11/2017 10:00	Field Cond		768.1	umhos/cm	SM 2510A
7/18/2017 10:15	Field Cond		989	umhos/cm	SM 2510A
7/25/2017 9:45	Field Cond		912	umhos/cm	SM 2510A
8/1/2017 10:20	Field Cond		1174	umhos/cm	SM 2510A
8/8/2017 10:40	Field Cond		1027	umhos/cm	SM 2510A
7/11/2017 10:00	Field Spec Cond		845.1	umhos/cm	SM 2510B
7/18/2017 10:15	Field Spec Cond		1072	umhos/cm	SM 2510B
7/25/2017 9:45	Field Spec Cond		1000	umhos/cm	SM 2510B
8/1/2017 10:20	Field Spec Cond		1273	umhos/cm	SM 2510B
8/8/2017 10:40	Field Spec Cond		1139	umhos/cm	SM 2510B
7/11/2017 10:00	Field DO		8.73	mg/L	SM 4500-0 G
7/18/2017 10:15	Field DO		8.6	mg/L	SM 4500-0 G
7/25/2017 9:45	Field DO		8	mg/L	SM 4500-0 G
8/1/2017 10:20	Field DO		7.9	mg/L	SM 4500-0 G
8/8/2017 10:40	Field DO		8.7	mg/L	SM 4500-0 G
7/11/2017 10:00	Field DO		96.6	%	
7/18/2017 10:15	Field DO		97	%	
7/25/2017 9:45	Field DO		89	%	
8/1/2017 10:20	Field DO		89	%	
8/8/2017 10:40	Field DO		95	%	
7/11/2017 10:00	Field Temp		20.2	C	EPA 170.1
7/18/2017 10:15	Field Temp		20.9	C	EPA 170.1
7/25/2017 9:45	Field Temp		20.4	C	EPA 170.1
8/1/2017 10:20	Field Temp		20.9	C	EPA 170.1
8/8/2017 10:40	Field Temp		19.9	C	EPA 170.1
7/11/2017 10:00	Hg	<	0.025	ug/L	EPA245.1

Chippewa Creek River Mile 0.60					
Sample Date	Parameter	Code	Result	Units	Method
7/18/2017 10:15	Hg	<	0.025	ug/L	EPA245.1
7/25/2017 9:45	Hg	<	0.025	ug/L	EPA245.1
8/1/2017 10:20	Hg	<	0.025	ug/L	EPA245.1
8/8/2017 10:40	Hg	<	0.025	ug/L	EPA245.1
7/11/2017 10:00	K		3608	ug/L	EPA200.8
7/18/2017 10:15	K		4047	ug/L	EPA200.8
7/25/2017 9:45	K		4117	ug/L	EPA200.8
8/1/2017 10:20	K		4588	ug/L	EPA200.8
8/8/2017 10:40	K		4172	ug/L	EPA200.8
7/11/2017 10:00	Mg		15280	ug/L	EPA200.8
7/18/2017 10:15	Mg		21050	ug/L	EPA200.8
7/25/2017 9:45	Mg		20380	ug/L	EPA200.8
8/1/2017 10:20	Mg		27780	ug/L	EPA200.8
8/8/2017 10:40	Mg		25370	ug/L	EPA200.8
7/11/2017 10:00	Mn		10.55	ug/L	EPA200.8
7/18/2017 10:15	Mn		12.76	ug/L	EPA200.8
7/25/2017 9:45	Mn		14.58	ug/L	EPA200.8
8/1/2017 10:20	Mn		25.56	ug/L	EPA200.8
8/8/2017 10:40	Mn		17.63	ug/L	EPA200.8
7/11/2017 10:00	Mo		2.645	ug/L	EPA200.8
7/18/2017 10:15	Mo		2.956	ug/L	EPA200.8
7/25/2017 9:45	Mo		2.968	ug/L	EPA200.8
8/1/2017 10:20	Mo		3.035	ug/L	EPA200.8
8/8/2017 10:40	Mo		2.946	ug/L	EPA200.8
7/11/2017 10:00	Na		94070	ug/L	EPA200.8
7/18/2017 10:15	Na		97100	ug/L	EPA200.8
7/25/2017 9:45	Na		91960	ug/L	EPA200.8
8/1/2017 10:20	Na		112400	ug/L	EPA200.8
8/8/2017 10:40	Na		109100	ug/L	EPA200.8
7/11/2017 10:00	NH3	<	0.01	mg/L	EPA350.1
7/18/2017 10:15	NH3	j	0.014	mg/L	EPA350.1
7/25/2017 9:45	NH3	<	0.01	mg/L	EPA350.1
8/1/2017 10:20	NH3	<	0.01	mg/L	EPA350.1
8/8/2017 10:40	NH3	<	0.01	mg/L	EPA350.1
7/11/2017 10:00	Ni	j	2.412	ug/L	EPA200.8
7/18/2017 10:15	Ni	j	2.699	ug/L	EPA200.8
7/25/2017 9:45	Ni	j	2.337	ug/L	EPA200.8
8/1/2017 10:20	Ni	j	2.548	ug/L	EPA200.8
8/8/2017 10:40	Ni	j	2.427	ug/L	EPA200.8

Chippewa Creek

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Sample Date	Parameter	Code	Result	Units	Method
7/11/2017 10:00	NO3-NO2		0.456	mg/L	EPA353.2
7/18/2017 10:15	NO3-NO2		0.084	mg/L	EPA353.2
7/25/2017 9:45	NO3-NO2		0.286	mg/L	EPA353.2
8/1/2017 10:20	NO3-NO2	j	0.01	mg/L	EPA353.2
8/8/2017 10:40	NO3-NO2		0.021	mg/L	EPA353.2
7/11/2017 10:00	Pb	j	0.234	ug/L	EPA200.8
7/18/2017 10:15	Pb	<	0.168	ug/L	EPA200.8
7/25/2017 9:45	Pb	<	0.168	ug/L	EPA200.8
8/1/2017 10:20	Pb	<	0.168	ug/L	EPA200.8
8/8/2017 10:40	Pb	<	0.168	ug/L	EPA200.8
7/11/2017 10:00	pH		7.96	S.U.	
7/18/2017 10:15	pH		7.8	S.U.	
7/25/2017 9:45	pH		7.8	S.U.	
8/1/2017 10:20	pH		7.7	S.U.	
8/8/2017 10:40	pH		7.7	S.U.	
7/11/2017 10:00	Sb	<	0.794	ug/L	EPA200.8
7/18/2017 10:15	Sb	<	0.794	ug/L	EPA200.8
7/25/2017 9:45	Sb	<	0.794	ug/L	EPA200.8
8/1/2017 10:20	Sb	<	0.794	ug/L	EPA200.8
8/8/2017 10:40	Sb	<	0.794	ug/L	EPA200.8
7/11/2017 10:00	Se	<	1.244	ug/L	EPA200.8
7/18/2017 10:15	Se	<	1.244	ug/L	EPA200.8
7/25/2017 9:45	Se	<	1.244	ug/L	EPA200.8
8/1/2017 10:20	Se	<	1.244	ug/L	EPA200.8
8/8/2017 10:40	Se	<	1.244	ug/L	EPA200.8
7/11/2017 10:00	Sn	<	1.336	ug/L	EPA200.8
7/18/2017 10:15	Sn	<	1.336	ug/L	EPA200.8
7/25/2017 9:45	Sn	<	1.336	ug/L	EPA200.8
8/1/2017 10:20	Sn	<	1.336	ug/L	EPA200.8
8/8/2017 10:40	Sn	<	1.336	ug/L	EPA200.8
7/11/2017 10:00	SO4		81.64	mg/L	EPA300.0
7/18/2017 10:15	SO4		102.9	mg/L	EPA300.0
7/25/2017 9:45	SO4		117.4	mg/L	EPA300.0
8/1/2017 10:20	SO4		170.5	mg/L	EPA300.0
8/8/2017 10:40	SO4		161.8	mg/L	EPA300.0
7/11/2017 10:00	Sr		285.609	ug/L	EPA200.8
7/18/2017 10:15	Sr		347.125	ug/L	EPA200.8
7/25/2017 9:45	Sr		377.361	ug/L	EPA200.8

Chippewa Creek River Mile 0.60					
Sample Date	Parameter	Code	Result	Units	Method
8/1/2017 10:20	Sr		478.134	ug/L	EPA200.8
8/8/2017 10:40	Sr		428.809	ug/L	EPA200.8
7/11/2017 10:00	TDS		524	mg/L	SM2540 C
7/18/2017 10:15	TDS		616	mg/L	SM2540 C
7/25/2017 9:45	TDS		670	mg/L	SM2540 C
8/1/2017 10:20	TDS		814	mg/L	SM2540 C
8/8/2017 10:40	TDS		776	mg/L	SM2540 C
7/11/2017 10:00	Ti		2.27	ug/L	EPA200.8
7/18/2017 10:15	Ti	j	0.771	ug/L	EPA200.8
7/25/2017 9:45	Ti	j	1.435	ug/L	EPA200.8
8/1/2017 10:20	Ti	j	0.862	ug/L	EPA200.8
8/8/2017 10:40	Ti	j	1.029	ug/L	EPA200.8
7/11/2017 10:00	TKN	j	0.371	mg/L	EPA351.2
7/18/2017 10:15	TKN	<	0.237	mg/L	EPA351.2
7/25/2017 9:45	TKN	<	0.237	mg/L	EPA351.2
8/1/2017 10:20	TKN	<	0.237	mg/L	EPA351.2
8/8/2017 10:40	TKN	<	0.237	mg/L	EPA351.2
7/11/2017 10:00	TI	<	0.196	ug/L	EPA200.8
7/18/2017 10:15	TI	<	0.196	ug/L	EPA200.8
7/25/2017 9:45	TI	<	0.196	ug/L	EPA200.8
8/1/2017 10:20	TI	<	0.196	ug/L	EPA200.8
8/8/2017 10:40	TI	<	0.196	ug/L	EPA200.8
7/11/2017 10:00	TMET	<	10	ug/L	EPA200.8
7/18/2017 10:15	TMET	<	10	ug/L	EPA200.8
7/25/2017 9:45	TMET	<	10	ug/L	EPA200.8
8/1/2017 10:20	TMET	<	10	ug/L	EPA200.8
8/8/2017 10:40	TMET	<	10	ug/L	EPA200.8
7/11/2017 10:00	Total-P		0.019	mg/L	EPA365.1
7/25/2017 9:45	Total-P		0.01	mg/L	EPA365.1
8/1/2017 10:20	Total-P	j	0.009	mg/L	EPA365.1
8/8/2017 10:40	Total-P	j	0.007	mg/L	EPA365.1
7/11/2017 10:00	TS		590	mg/L	SM2540 B
7/18/2017 10:15	TS		612	mg/L	SM2540 B
7/25/2017 9:45	TS		704	mg/L	SM2540 B
8/1/2017 10:20	TS		830	mg/L	SM2540 B
8/8/2017 10:40	TS		840	mg/L	SM2540 B
7/11/2017 10:00	TSS		4.9	mg/L	SM2540 D
7/18/2017 10:15	TSS		2.5	mg/L	SM2540 D

Chippewa Creek

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Sample Date	Parameter	Code	Result	Units	Method
7/25/2017 9:45	TSS		1.8	mg/L	SM2540 D
8/1/2017 10:20	TSS		4.2	mg/L	SM2540 D
8/8/2017 10:40	TSS		1.9	mg/L	SM2540 D
7/11/2017 10:00	Turbidity		7.02	NTU	EPA180.1
7/18/2017 10:15	Turbidity		1.1	NTU	EPA180.1
7/25/2017 9:45	Turbidity		0.8	NTU	EPA180.1
8/1/2017 10:20	Turbidity		1	NTU	EPA180.1
8/8/2017 10:40	Turbidity		1	NTU	EPA180.1
7/11/2017 10:00	V	<	4.138	ug/L	EPA200.8
7/18/2017 10:15	V	<	4.138	ug/L	EPA200.8
7/25/2017 9:45	V	<	4.138	ug/L	EPA200.8
8/1/2017 10:20	V	<	4.138	ug/L	EPA200.8
8/8/2017 10:40	V	<	4.138	ug/L	EPA200.8
7/11/2017 10:00	Zn	j	2.131	ug/L	EPA200.8
7/18/2017 10:15	Zn	j	0.973	ug/L	EPA200.8
7/25/2017 9:45	Zn	j	0.856	ug/L	EPA200.8
8/1/2017 10:20	Zn	j	0.933	ug/L	EPA200.8
8/8/2017 10:40	Zn	j	1.262	ug/L	EPA200.8