

Brandywine Creek

River Mile 7.85

Sample Date	Parameter	Code	Result	Units	MDL	Method
7/25/2018 10:15	*CaCO3		134	mg/LCaCO3	1	EPA200.8
8/1/2018 9:55	*CaCO3		126	mg/LCaCO3	1	EPA200.8
8/8/2018 9:50	*CaCO3		124	mg/LCaCO3	1	EPA200.8
8/15/2018 10:44	*CaCO3		175	mg/LCaCO3	1	EPA200.8
8/22/2018 10:15	*CaCO3		124	mg/LCaCO3	1	EPA200.8
7/25/2018 10:15	Ag	<	0.254	ug/L	0.254	EPA200.8
8/1/2018 9:55	Ag	<	0.254	ug/L	0.254	EPA200.8
8/8/2018 9:50	Ag	<	0.254	ug/L	0.254	EPA200.8
8/15/2018 10:44	Ag	<	0.254	ug/L	0.254	EPA200.8
8/22/2018 10:15	Ag	<	0.254	ug/L	0.254	EPA200.8
7/25/2018 10:15	Al		61.84	ug/L	5	EPA200.8
8/1/2018 9:55	Al		48.32	ug/L	5	EPA200.8
8/8/2018 9:50	Al		100.8	ug/L	5	EPA200.8
8/15/2018 10:44	Al		40.68	ug/L	5	EPA200.8
8/22/2018 10:15	Al		251	ug/L	5	EPA200.8
7/25/2018 10:15	Alkalinity		126	mg/LCaCO3	4.6	EPA310.2
8/1/2018 9:55	Alkalinity		118	mg/LCaCO3	4.6	EPA310.2
8/8/2018 9:50	Alkalinity		110.3	mg/LCaCO3	4.6	EPA310.2
8/15/2018 10:44	Alkalinity		144.8	mg/LCaCO3	4.6	EPA310.2
8/22/2018 10:15	Alkalinity		114.3	mg/LCaCO3	4.6	EPA310.2
7/25/2018 10:15	As	j	3.672	ug/L	1.164	EPA200.8
8/1/2018 9:55	As		4.214	ug/L	1.164	EPA200.8
8/8/2018 9:50	As		4.555	ug/L	1.164	EPA200.8
8/15/2018 10:44	As	j	3.784	ug/L	1.164	EPA200.8
8/22/2018 10:15	As		4.158	ug/L	1.164	EPA200.8
7/25/2018 10:15	Ba		36.18	ug/L	0.268	EPA200.8
8/1/2018 9:55	Ba		34.48	ug/L	0.268	EPA200.8
8/8/2018 9:50	Ba		30.38	ug/L	0.268	EPA200.8
8/15/2018 10:44	Ba		40.51	ug/L	0.268	EPA200.8
8/22/2018 10:15	Ba		31.77	ug/L	0.268	EPA200.8
7/25/2018 10:15	Be	<	0.188	ug/L	0.188	EPA200.8
8/1/2018 9:55	Be	<	0.188	ug/L	0.188	EPA200.8
8/8/2018 9:50	Be	<	0.188	ug/L	0.188	EPA200.8
8/15/2018 10:44	Be	<	0.188	ug/L	0.188	EPA200.8
8/22/2018 10:15	Be	<	0.188	ug/L	0.188	EPA200.8
7/25/2018 10:15	BOD		3.6	mg/L	2	SM5210 B
8/1/2018 9:55	BOD		3.6	mg/L	2	SM5210 B
8/8/2018 9:50	BOD		4	mg/L	2	SM5210 B
8/15/2018 10:44	BOD	<	2	mg/L	2	SM5210 B

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/22/2018 10:15	BOD		4.8	mg/L	2	SM5210 B
7/25/2018 10:15	Ca		39680	ug/L	56.43	EPA200.8
8/1/2018 9:55	Ca		37770	ug/L	56.43	EPA200.8
8/8/2018 9:50	Ca		35780	ug/L	56.43	EPA200.8
8/15/2018 10:44	Ca		51500	ug/L	56.43	EPA200.8
8/22/2018 10:15	Ca		35490	ug/L	56.43	EPA200.8
7/25/2018 10:15	Cd	<	0.106	ug/L	0.106	EPA200.8
8/1/2018 9:55	Cd	<	0.106	ug/L	0.106	EPA200.8
8/8/2018 9:50	Cd	<	0.106	ug/L	0.106	EPA200.8
8/15/2018 10:44	Cd	<	0.106	ug/L	0.106	EPA200.8
8/22/2018 10:15	Cd	<	0.106	ug/L	0.106	EPA200.8
7/25/2018 10:15	Co	j	0.23	ug/L	0.072	EPA200.8
8/1/2018 9:55	Co	j	0.167	ug/L	0.072	EPA200.8
8/8/2018 9:50	Co	j	0.19	ug/L	0.072	EPA200.8
8/15/2018 10:44	Co	j	0.173	ug/L	0.072	EPA200.8
8/22/2018 10:15	Co	j	0.296	ug/L	0.072	EPA200.8
7/25/2018 10:15	COD	j	18.3	mg/L	8.8	EPA410.4
8/1/2018 9:55	COD		23.6	mg/L	8.8	EPA410.4
8/8/2018 9:50	COD		29.7	mg/L	8.8	EPA410.4
8/15/2018 10:44	COD		25.5	mg/L	8.8	EPA410.4
8/22/2018 10:15	COD		31.7	mg/L	8.8	EPA410.4
7/25/2018 10:15	Cr	<	0.954	ug/L	0.954	EPA200.8
8/1/2018 9:55	Cr	<	0.954	ug/L	0.954	EPA200.8
8/8/2018 9:50	Cr	<	0.954	ug/L	0.954	EPA200.8
8/15/2018 10:44	Cr	<	0.954	ug/L	0.954	EPA200.8
8/22/2018 10:15	Cr	j	1.202	ug/L	0.954	EPA200.8
7/25/2018 10:15	Cu		2.789	ug/L	0.22	EPA200.8
8/1/2018 9:55	Cu		2.076	ug/L	0.22	EPA200.8
8/8/2018 9:50	Cu		2.066	ug/L	0.22	EPA200.8
8/15/2018 10:44	Cu	j	1.458	ug/L	0.22	EPA200.8
8/22/2018 10:15	Cu		2.058	ug/L	0.22	EPA200.8
7/25/2018 10:15	DRPhos	<	0.012	mg/L	0.012	EPA365.1
8/1/2018 9:55	DRPhos	<	0.012	mg/L	0.012	EPA365.1
8/8/2018 9:50	DRPhos	<	0.012	mg/L	0.012	EPA365.1
8/15/2018 10:44	DRPhos	j	0.012	mg/L	0.012	EPA365.1
8/22/2018 10:15	DRPhos	<	0.012	mg/L	0.012	EPA365.1
7/25/2018 10:15	E. coli		260	MPN/100 mL	1	SM9223 Colilert
8/1/2018 9:55	E. coli		214	MPN/100 mL	1	SM9223 Colilert

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/8/2018 9:50	E. coli		108	MPN/100 mL	1	SM9223 Colilert
8/15/2018 10:44	E. coli		71	MPN/100 mL	1	SM9223 Colilert
8/22/2018 10:15	E. coli		116	MPN/100 mL	1	SM9223 Colilert
7/25/2018 10:15	Fe		520	ug/L	4.208	EPA200.8
8/1/2018 9:55	Fe		473.5	ug/L	4.208	EPA200.8
8/8/2018 9:50	Fe		444.8	ug/L	4.208	EPA200.8
8/15/2018 10:44	Fe		425	ug/L	4.208	EPA200.8
8/22/2018 10:15	Fe		716	ug/L	4.208	EPA200.8
7/25/2018 10:15	Field Cond		827	umhos/cm		SM 2510A
8/1/2018 9:55	Field Cond		674	umhos/cm		SM 2510A
8/8/2018 9:50	Field Cond		679	umhos/cm		SM 2510A
8/15/2018 10:44	Field Cond		1155	umhos/cm		SM 2510A
8/22/2018 10:15	Field Cond		685	umhos/cm		SM 2510A
7/25/2018 10:15	Field Spec Cond		831	umhos/cm		SM 2510B
8/1/2018 9:55	Field Spec Cond		694	umhos/cm		SM 2510B
8/8/2018 9:50	Field Spec Cond		671	umhos/cm		SM 2510B
8/15/2018 10:44	Field Spec Cond		1215	umhos/cm		SM 2510B
8/22/2018 10:15	Field Spec Cond		694	umhos/cm		SM 2510B
7/25/2018 10:15	Field DO		8.8	mg/L		SM 4500-0 G
8/1/2018 9:55	Field DO		7.1	mg/L		SM 4500-0 G
8/8/2018 9:50	Field DO		7.1	mg/L		SM 4500-0 G
8/15/2018 10:44	Field DO		8.2	mg/L		SM 4500-0 G
8/22/2018 10:15	Field DO		7.1	mg/L		SM 4500-0 G
7/25/2018 10:15	Field DO		106	%		
8/1/2018 9:55	Field DO		84	%		
8/8/2018 9:50	Field DO		88	%		
8/15/2018 10:44	Field DO		95	%		
8/22/2018 10:15	Field DO		86	%		
7/25/2018 10:15	Field Temp		24.7	C		EPA 170.1
8/1/2018 9:55	Field Temp		23.5	C		EPA 170.1
8/8/2018 9:50	Field Temp		25.7	C		EPA 170.1
8/15/2018 10:44	Field Temp		22.4	C		EPA 170.1
8/22/2018 10:15	Field Temp		24.4	C		EPA 170.1
7/25/2018 10:15	Hg	<	0.025	ug/L	0.025	EPA245.1
8/1/2018 9:55	Hg	<	0.025	ug/L	0.025	EPA245.1
8/8/2018 9:50	Hg	<	0.025	ug/L	0.025	EPA245.1
8/15/2018 10:44	Hg	<	0.025	ug/L	0.025	EPA245.1
8/22/2018 10:15	Hg	<	0.025	ug/L	0.025	EPA245.1

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/25/2018 10:15	K		3407	ug/L	107.6	EPA200.8
8/1/2018 9:55	K		3570	ug/L	107.6	EPA200.8
8/8/2018 9:50	K		3910	ug/L	107.6	EPA200.8
8/15/2018 10:44	K		3543	ug/L	107.6	EPA200.8
8/22/2018 10:15	K		3762	ug/L	107.6	EPA200.8
7/25/2018 10:15	Mg		8406	ug/L	24.11	EPA200.8
8/1/2018 9:55	Mg		7634	ug/L	24.11	EPA200.8
8/8/2018 9:50	Mg		8337	ug/L	24.11	EPA200.8
8/15/2018 10:44	Mg		11280	ug/L	24.11	EPA200.8
8/22/2018 10:15	Mg		8731	ug/L	24.11	EPA200.8
7/25/2018 10:15	Mn		70.04	ug/L	0.254	EPA200.8
8/1/2018 9:55	Mn		61.42	ug/L	0.254	EPA200.8
8/8/2018 9:50	Mn		58.74	ug/L	0.254	EPA200.8
8/15/2018 10:44	Mn		67.5	ug/L	0.254	EPA200.8
8/22/2018 10:15	Mn		72.59	ug/L	0.254	EPA200.8
7/25/2018 10:15	Mo		2.702	ug/L	0.238	EPA200.8
8/1/2018 9:55	Mo		2.156	ug/L	0.238	EPA200.8
8/8/2018 9:50	Mo		2.576	ug/L	0.238	EPA200.8
8/15/2018 10:44	Mo		1.922	ug/L	0.238	EPA200.8
8/22/2018 10:15	Mo		2.217	ug/L	0.238	EPA200.8
7/25/2018 10:15	Na		95500	ug/L	43.67	EPA200.8
8/1/2018 9:55	Na		87580	ug/L	43.67	EPA200.8
8/8/2018 9:50	Na		87850	ug/L	43.67	EPA200.8
8/15/2018 10:44	Na		159100	ug/L	43.67	EPA200.8
8/22/2018 10:15	Na		80180	ug/L	43.67	EPA200.8
7/25/2018 10:15	NH3	j	0.018	mg/L	0.01	EPA350.1
8/1/2018 9:55	NH3		0.035	mg/L	0.01	EPA350.1
8/8/2018 9:50	NH3		0.231	mg/L	0.01	EPA350.1
8/15/2018 10:44	NH3		0.064	mg/L	0.01	EPA350.1
8/22/2018 10:15	NH3		0.066	mg/L	0.01	EPA350.1
7/25/2018 10:15	Ni	j	1.924	ug/L	0.208	EPA200.8
8/1/2018 9:55	Ni	j	1.807	ug/L	0.208	EPA200.8
8/8/2018 9:50	Ni	j	1.993	ug/L	0.208	EPA200.8
8/15/2018 10:44	Ni	j	2.254	ug/L	0.208	EPA200.8
8/22/2018 10:15	Ni	j	2.086	ug/L	0.208	EPA200.8
7/25/2018 10:15	NO3-NO2		0.129	mg/L	0.009	EPA353.2
8/1/2018 9:55	NO3-NO2		0.115	mg/L	0.009	EPA353.2
8/8/2018 9:50	NO3-NO2		2.66	mg/L	0.018	EPA353.2
8/15/2018 10:44	NO3-NO2		0.38	mg/L	0.009	EPA353.2

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/22/2018 10:15	NO3-NO2		0.053	mg/L	0.009	EPA353.2
7/25/2018 10:15	Pb	j	0.504	ug/L	0.168	EPA200.8
8/1/2018 9:55	Pb	j	0.33	ug/L	0.168	EPA200.8
8/8/2018 9:50	Pb	j	0.286	ug/L	0.168	EPA200.8
8/15/2018 10:44	Pb	<	0.168	ug/L	0.168	EPA200.8
8/22/2018 10:15	Pb	j	0.468	ug/L	0.168	EPA200.8
7/25/2018 10:15	pH		8.1	S.U.		
8/1/2018 9:55	pH		7.9	S.U.		
8/8/2018 9:50	pH		8.2	S.U.		
8/15/2018 10:44	pH		7.9	S.U.		
8/22/2018 10:15	pH		7.9	S.U.		
7/25/2018 10:15	Sb	<	0.794	ug/L	0.794	EPA200.8
8/1/2018 9:55	Sb	<	0.794	ug/L	0.794	EPA200.8
8/8/2018 9:50	Sb	<	0.794	ug/L	0.794	EPA200.8
8/15/2018 10:44	Sb	<	0.794	ug/L	0.794	EPA200.8
8/22/2018 10:15	Sb	<	0.794	ug/L	0.794	EPA200.8
7/25/2018 10:15	Se	<	1.244	ug/L	1.244	EPA200.8
8/1/2018 9:55	Se	<	1.244	ug/L	1.244	EPA200.8
8/8/2018 9:50	Se	<	1.244	ug/L	1.244	EPA200.8
8/15/2018 10:44	Se	<	1.244	ug/L	1.244	EPA200.8
8/22/2018 10:15	Se	<	1.244	ug/L	1.244	EPA200.8
7/25/2018 10:15	Sn	<	1.336	ug/L	1.336	EPA200.8
8/1/2018 9:55	Sn	<	1.336	ug/L	1.336	EPA200.8
8/8/2018 9:50	Sn	<	1.336	ug/L	1.336	EPA200.8
8/15/2018 10:44	Sn	<	1.336	ug/L	1.336	EPA200.8
8/22/2018 10:15	Sn	j	5.348	ug/L	1.336	EPA200.8
7/25/2018 10:15	Sr		415.762	ug/L	0.132	EPA200.8
8/1/2018 9:55	Sr		378.456	ug/L	0.132	EPA200.8
8/8/2018 9:50	Sr		370.09	ug/L	0.132	EPA200.8
8/15/2018 10:44	Sr		534.764	ug/L	0.132	EPA200.8
8/22/2018 10:15	Sr		365.519	ug/L	0.132	EPA200.8
7/25/2018 10:15	TDS		454	mg/L	1	SM2540 C
8/1/2018 9:55	TDS		418	mg/L	1	SM2540 C
8/8/2018 9:50	TDS		384	mg/L	1	SM2540 C
8/15/2018 10:44	TDS		696	mg/L	1	SM2540 C
8/22/2018 10:15	TDS		358	mg/L	1	SM2540 C
7/25/2018 10:15	Ti	j	1.905	ug/L	0.474	EPA200.8
8/1/2018 9:55	Ti	j	1.441	ug/L	0.474	EPA200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/8/2018 9:50	Ti	j	1.968	ug/L	0.474	EPA200.8
8/15/2018 10:44	Ti	j	1.434	ug/L	0.474	EPA200.8
8/22/2018 10:15	Ti		4.134	ug/L	0.474	EPA200.8
7/25/2018 10:15	TKN		1.131	mg/L	0.179	EPA351.2
8/1/2018 9:55	TKN		1.19	mg/L	0.179	EPA351.2
8/8/2018 9:50	TKN		0.986	mg/L	0.179	EPA351.2
8/15/2018 10:44	TKN		1.161	mg/L	0.179	EPA351.2
8/22/2018 10:15	TKN		1.313	mg/L	0.179	EPA351.2
7/25/2018 10:15	TI	<	0.196	ug/L	0.196	EPA200.8
8/1/2018 9:55	TI	<	0.196	ug/L	0.196	EPA200.8
8/8/2018 9:50	TI	<	0.196	ug/L	0.196	EPA200.8
8/15/2018 10:44	TI	<	0.196	ug/L	0.196	EPA200.8
8/22/2018 10:15	TI	<	0.196	ug/L	0.196	EPA200.8
7/25/2018 10:15	TMET	<	10	ug/L	10	EPA200.8
8/1/2018 9:55	TMET	<	10	ug/L	10	EPA200.8
8/8/2018 9:50	TMET	<	10	ug/L	10	EPA200.8
8/15/2018 10:44	TMET	<	10	ug/L	10	EPA200.8
8/22/2018 10:15	TMET	<	10	ug/L	10	EPA200.8
7/25/2018 10:15	Total-P		0.052	mg/L	0.01	EPA365.1
8/1/2018 9:55	Total-P		0.07	mg/L	0.01	EPA365.1
8/8/2018 9:50	Total-P		0.428	mg/L	0.01	EPA365.1
8/15/2018 10:44	Total-P		0.035	mg/L	0.01	EPA365.1
8/22/2018 10:15	Total-P		0.088	mg/L	0.01	EPA365.1
7/25/2018 10:15	TS		484	mg/L	1	SM2540 B
8/1/2018 9:55	TS		542	mg/L	1	SM2540 B
8/8/2018 9:50	TS		514	mg/L	1	SM2540 B
8/15/2018 10:44	TS		662	mg/L	1	SM2540 B
8/22/2018 10:15	TS		384	mg/L	1	SM2540 B
7/25/2018 10:15	TSS		5.8	mg/L	0.5	SM2540 D
8/1/2018 9:55	TSS		10	mg/L	0.5	SM2540 D
8/8/2018 9:50	TSS		10	mg/L	0.5	SM2540 D
8/15/2018 10:44	TSS		3.4	mg/L	0.5	SM2540 D
8/22/2018 10:15	TSS		18.8	mg/L	0.5	SM2540 D
7/25/2018 10:15	Turbidity		5.2	NTU		EPA180.1
8/1/2018 9:55	Turbidity		10.9	NTU		EPA180.1
8/8/2018 9:50	Turbidity		12.3	NTU		EPA180.1
8/15/2018 10:44	Turbidity		4.2	NTU		EPA180.1
8/22/2018 10:15	Turbidity		15.1	NTU		EPA180.1

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7/25/2018 10:15	V	<	4.138	ug/L	4.138	EPA200.8
8/1/2018 9:55	V	<	4.138	ug/L	4.138	EPA200.8
8/8/2018 9:50	V	<	4.138	ug/L	4.138	EPA200.8
8/15/2018 10:44	V	<	4.138	ug/L	4.138	EPA200.8
8/22/2018 10:15	V	<	4.138	ug/L	4.138	EPA200.8
7/25/2018 10:15	Zn	j	1.504	ug/L	0.626	EPA200.8
8/1/2018 9:55	Zn	j	1.369	ug/L	0.626	EPA200.8
8/8/2018 9:50	Zn	j	0.723	ug/L	0.626	EPA200.8
8/15/2018 10:44	Zn	j	1.552	ug/L	0.626	EPA200.8
8/22/2018 10:15	Zn	j	2.563	ug/L	0.626	EPA200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/25/2018 9:35	*CaCO3		159	mg/LCaCO3	1	EPA200.8
8/1/2018 9:25	*CaCO3		229	mg/LCaCO3	1	EPA200.8
8/8/2018 9:27	*CaCO3		178	mg/LCaCO3	1	EPA200.8
8/15/2018 10:03	*CaCO3		228	mg/LCaCO3	1	EPA200.8
8/22/2018 11:30	*CaCO3		140	mg/LCaCO3	1	EPA200.8
7/25/2018 9:35	Ag	<	0.254	ug/L	0.254	EPA200.8
8/1/2018 9:25	Ag	<	0.254	ug/L	0.254	EPA200.8
8/8/2018 9:27	Ag	<	0.254	ug/L	0.254	EPA200.8
8/15/2018 10:03	Ag	<	0.254	ug/L	0.254	EPA200.8
8/22/2018 11:30	Ag	<	0.254	ug/L	0.254	EPA200.8
7/25/2018 9:35	Al		299	ug/L	5	EPA200.8
8/1/2018 9:25	Al		105.1	ug/L	5	EPA200.8
8/8/2018 9:27	Al		355	ug/L	5	EPA200.8
8/15/2018 10:03	Al		95.775	ug/L	5	EPA200.8
8/22/2018 11:30	Al		360.5	ug/L	5	EPA200.8
7/25/2018 9:35	Alkalinity		120.9	mg/LCaCO3	4.6	EPA310.2
8/1/2018 9:25	Alkalinity		167.6	mg/LCaCO3	4.6	EPA310.2
8/8/2018 9:27	Alkalinity		123.1	mg/LCaCO3	4.6	EPA310.2
8/15/2018 10:03	Alkalinity		159.6	mg/LCaCO3	4.6	EPA310.2
8/22/2018 11:30	Alkalinity		121.5	mg/LCaCO3	4.6	EPA310.2
7/25/2018 9:35	As	j	2.072	ug/L	1.164	EPA200.8
8/1/2018 9:25	As	j	1.824	ug/L	1.164	EPA200.8
8/8/2018 9:27	As	j	2.635	ug/L	1.164	EPA200.8
8/15/2018 10:03	As	j	2.1645	ug/L	1.164	EPA200.8
8/22/2018 11:30	As	j	2.748	ug/L	1.164	EPA200.8
7/25/2018 9:35	Ba		44.01	ug/L	0.268	EPA200.8
8/1/2018 9:25	Ba		54.46	ug/L	0.268	EPA200.8
8/8/2018 9:27	Ba		46.27	ug/L	0.268	EPA200.8
8/15/2018 10:03	Ba		53.345	ug/L	0.268	EPA200.8
8/22/2018 11:30	Ba		40.87	ug/L	0.268	EPA200.8
7/25/2018 9:35	Be	<	0.188	ug/L	0.188	EPA200.8
8/1/2018 9:25	Be	<	0.188	ug/L	0.188	EPA200.8
8/8/2018 9:27	Be	<	0.188	ug/L	0.188	EPA200.8
8/15/2018 10:03	Be	<	0.188	ug/L	0.188	EPA200.8
8/22/2018 11:30	Be	<	0.188	ug/L	0.188	EPA200.8
7/25/2018 9:35	BOD		3.1	mg/L	2	SM5210 B
8/1/2018 9:25	BOD	<	2	mg/L	2	SM5210 B
8/8/2018 9:27	BOD	<	2	mg/L	2	SM5210 B
8/15/2018 10:03	BOD	<	2	mg/L	2	SM5210 B

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/22/2018 11:30	BOD		3	mg/L	2	SM5210 B
7/25/2018 9:35	Ca		46530	ug/L	56.43	EPA200.8
8/1/2018 9:25	Ca		66510	ug/L	56.43	EPA200.8
8/8/2018 9:27	Ca		52210	ug/L	56.43	EPA200.8
8/15/2018 10:03	Ca		64960	ug/L	56.43	EPA200.8
8/22/2018 11:30	Ca		40110	ug/L	56.43	EPA200.8
7/25/2018 9:35	Cd	<	0.106	ug/L	0.106	EPA200.8
8/1/2018 9:25	Cd	<	0.106	ug/L	0.106	EPA200.8
8/8/2018 9:27	Cd	<	0.106	ug/L	0.106	EPA200.8
8/15/2018 10:03	Cd	<	0.106	ug/L	0.106	EPA200.8
8/22/2018 11:30	Cd	<	0.106	ug/L	0.106	EPA200.8
7/25/2018 9:35	Co	j	0.483	ug/L	0.072	EPA200.8
8/1/2018 9:25	Co	j	0.293	ug/L	0.072	EPA200.8
8/8/2018 9:27	Co	j	0.42	ug/L	0.072	EPA200.8
8/15/2018 10:03	Co	j	0.2855	ug/L	0.072	EPA200.8
8/22/2018 11:30	Co	j	0.42	ug/L	0.072	EPA200.8
7/25/2018 9:35	COD	j	18.7	mg/L	8.8	EPA410.4
8/1/2018 9:25	COD		28.5	mg/L	8.8	EPA410.4
8/8/2018 9:27	COD		24.6	mg/L	8.8	EPA410.4
8/15/2018 10:03	COD		26.25	mg/L	8.8	EPA410.4
8/22/2018 11:30	COD		34.1	mg/L	8.8	EPA410.4
7/25/2018 9:35	Cr	j	1.017	ug/L	0.954	EPA200.8
8/1/2018 9:25	Cr	<	0.954	ug/L	0.954	EPA200.8
8/8/2018 9:27	Cr	<	0.954	ug/L	0.954	EPA200.8
8/15/2018 10:03	Cr	<	0.954	ug/L	0.954	EPA200.8
8/22/2018 11:30	Cr	j	1.067	ug/L	0.954	EPA200.8
7/25/2018 9:35	Cu		3.716	ug/L	0.22	EPA200.8
8/1/2018 9:25	Cu		2.323	ug/L	0.22	EPA200.8
8/8/2018 9:27	Cu		3.443	ug/L	0.22	EPA200.8
8/15/2018 10:03	Cu		2.303	ug/L	0.22	EPA200.8
8/22/2018 11:30	Cu		3.01	ug/L	0.22	EPA200.8
7/25/2018 9:35	DRPhos	<	0.012	mg/L	0.012	EPA365.1
8/1/2018 9:25	DRPhos	j	0.014	mg/L	0.012	EPA365.1
8/8/2018 9:27	DRPhos	j	0.013	mg/L	0.012	EPA365.1
8/15/2018 10:03	DRPhos	j	0.0165	mg/L	0.012	EPA365.1
8/22/2018 11:30	DRPhos	j	0.014	mg/L	0.012	EPA365.1
7/25/2018 9:35	E. coli		2303	MPN/100 mL	1	SM9223 Colilert
8/1/2018 9:25	E. coli		818	MPN/100 mL	1	SM9223 Colilert

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/8/2018 9:27	E. coli		2050	MPN/100 mL	1	SM9223 Colilert
8/15/2018 10:03	E. coli		262.5	MPN/100 mL	1	SM9223 Colilert
8/22/2018 11:30	E. coli		912	MPN/100 mL	1	SM9223 Colilert
7/25/2018 9:35	Fe		1321	ug/L	4.208	EPA200.8
8/1/2018 9:25	Fe		884.4	ug/L	4.208	EPA200.8
8/8/2018 9:27	Fe		1274	ug/L	4.208	EPA200.8
8/15/2018 10:03	Fe		885.9	ug/L	4.208	EPA200.8
8/22/2018 11:30	Fe		1146	ug/L	4.208	EPA200.8
7/25/2018 9:35	Field Cond		928	umhos/cm		SM 2510A
8/1/2018 9:25	Field Cond		1263	umhos/cm		SM 2510A
8/8/2018 9:27	Field Cond		864	umhos/cm		SM 2510A
8/15/2018 10:03	Field Cond		1133	umhos/cm		SM 2510A
8/22/2018 11:30	Field Cond		776	umhos/cm		SM 2510A
7/25/2018 9:35	Field Spec Cond		964	umhos/cm		SM 2510B
8/1/2018 9:25	Field Spec Cond		1357	umhos/cm		SM 2510B
8/8/2018 9:27	Field Spec Cond		905	umhos/cm		SM 2510B
8/15/2018 10:03	Field Spec Cond		1212	umhos/cm		SM 2510B
8/22/2018 11:30	Field Spec Cond		820	umhos/cm		SM 2510B
7/25/2018 9:35	Field DO		5.8	mg/L		SM 4500-0 G
8/1/2018 9:25	Field DO		6.1	mg/L		SM 4500-0 G
8/8/2018 9:27	Field DO		6.1	mg/L		SM 4500-0 G
8/15/2018 10:03	Field DO		7.2	mg/L		SM 4500-0 G
8/22/2018 11:30	Field DO		7	mg/L		SM 4500-0 G
7/25/2018 9:35	Field DO		68	%		
8/1/2018 9:25	Field DO		70	%		
8/8/2018 9:27	Field DO		71	%		
8/15/2018 10:03	Field DO		82	%		
8/22/2018 11:30	Field DO		81	%		
7/25/2018 9:35	Field Temp		23	C		EPA 170.1
8/1/2018 9:25	Field Temp		21.4	C		EPA 170.1
8/8/2018 9:27	Field Temp		22.7	C		EPA 170.1
8/15/2018 10:03	Field Temp		21.5	C		EPA 170.1
8/22/2018 11:30	Field Temp		22.2	C		EPA 170.1
7/25/2018 9:35	Hg	<	0.025	ug/L	0.025	EPA245.1
8/1/2018 9:25	Hg	<	0.025	ug/L	0.025	EPA245.1
8/8/2018 9:27	Hg	<	0.025	ug/L	0.025	EPA245.1
8/15/2018 10:03	Hg	<	0.025	ug/L	0.025	EPA245.1
8/22/2018 11:30	Hg	<	0.025	ug/L	0.025	EPA245.1

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/25/2018 9:35	K		2860	ug/L	107.6	EPA200.8
8/1/2018 9:25	K		3365	ug/L	107.6	EPA200.8
8/8/2018 9:27	K		4124	ug/L	107.6	EPA200.8
8/15/2018 10:03	K		4446	ug/L	107.6	EPA200.8
8/22/2018 11:30	K		3830	ug/L	107.6	EPA200.8
7/25/2018 9:35	Mg		10380	ug/L	24.11	EPA200.8
8/1/2018 9:25	Mg		15280	ug/L	24.11	EPA200.8
8/8/2018 9:27	Mg		11620	ug/L	24.11	EPA200.8
8/15/2018 10:03	Mg		16010	ug/L	24.11	EPA200.8
8/22/2018 11:30	Mg		9661	ug/L	24.11	EPA200.8
7/25/2018 9:35	Mn		122.7	ug/L	0.254	EPA200.8
8/1/2018 9:25	Mn		94.34	ug/L	0.254	EPA200.8
8/8/2018 9:27	Mn		93.55	ug/L	0.254	EPA200.8
8/15/2018 10:03	Mn		80.165	ug/L	0.254	EPA200.8
8/22/2018 11:30	Mn		83.96	ug/L	0.254	EPA200.8
7/25/2018 9:35	Mo		3.017	ug/L	0.238	EPA200.8
8/1/2018 9:25	Mo		3.321	ug/L	0.238	EPA200.8
8/8/2018 9:27	Mo		3.364	ug/L	0.238	EPA200.8
8/15/2018 10:03	Mo		3.9385	ug/L	0.238	EPA200.8
8/22/2018 11:30	Mo		2.481	ug/L	0.238	EPA200.8
7/25/2018 9:35	Na		102100	ug/L	43.67	EPA200.8
8/1/2018 9:25	Na		147200	ug/L	43.67	EPA200.8
8/8/2018 9:27	Na		106900	ug/L	43.67	EPA200.8
8/15/2018 10:03	Na		133850	ug/L	43.67	EPA200.8
8/22/2018 11:30	Na		89730	ug/L	43.67	EPA200.8
7/25/2018 9:35	NH3		0.044	mg/L	0.01	EPA350.1
8/1/2018 9:25	NH3		0.02	mg/L	0.01	EPA350.1
8/8/2018 9:27	NH3		0.05	mg/L	0.01	EPA350.1
8/15/2018 10:03	NH3		0.0315	mg/L	0.01	EPA350.1
8/22/2018 11:30	NH3		0.043	mg/L	0.01	EPA350.1
7/25/2018 9:35	Ni	j	2.825	ug/L	0.208	EPA200.8
8/1/2018 9:25	Ni	j	2.8	ug/L	0.208	EPA200.8
8/8/2018 9:27	Ni	j	3.128	ug/L	0.208	EPA200.8
8/15/2018 10:03	Ni	j	3.1115	ug/L	0.208	EPA200.8
8/22/2018 11:30	Ni	j	2.669	ug/L	0.208	EPA200.8
7/25/2018 9:35	NO3-NO2		0.3	mg/L	0.009	EPA353.2
8/1/2018 9:25	NO3-NO2		0.142	mg/L	0.009	EPA353.2
8/8/2018 9:27	NO3-NO2		0.239	mg/L	0.009	EPA353.2
8/15/2018 10:03	NO3-NO2		0.174	mg/L	0.009	EPA353.2

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/22/2018 11:30	NO3-NO2		0.15	mg/L	0.009	EPA353.2
7/25/2018 9:35	Pb	j	0.808	ug/L	0.168	EPA200.8
8/1/2018 9:25	Pb	j	0.299	ug/L	0.168	EPA200.8
8/8/2018 9:27	Pb	j	0.677	ug/L	0.168	EPA200.8
8/15/2018 10:03	Pb	j	0.286	ug/L	0.168	EPA200.8
8/22/2018 11:30	Pb	j	0.686	ug/L	0.168	EPA200.8
7/25/2018 9:35	pH		7.6	S.U.		
8/1/2018 9:25	pH		7.5	S.U.		
8/8/2018 9:27	pH		7.6	S.U.		
8/15/2018 10:03	pH		7.7	S.U.		
8/22/2018 11:30	pH		7.8	S.U.		
7/25/2018 9:35	Sb	<	0.794	ug/L	0.794	EPA200.8
8/1/2018 9:25	Sb	<	0.794	ug/L	0.794	EPA200.8
8/8/2018 9:27	Sb	<	0.794	ug/L	0.794	EPA200.8
8/15/2018 10:03	Sb	<	0.794	ug/L	0.794	EPA200.8
8/22/2018 11:30	Sb	<	0.794	ug/L	0.794	EPA200.8
7/25/2018 9:35	Se	<	1.244	ug/L	1.244	EPA200.8
8/1/2018 9:25	Se	<	1.244	ug/L	1.244	EPA200.8
8/8/2018 9:27	Se	<	1.244	ug/L	1.244	EPA200.8
8/15/2018 10:03	Se	<	1.244	ug/L	1.244	EPA200.8
8/22/2018 11:30	Se	<	1.244	ug/L	1.244	EPA200.8
7/25/2018 9:35	Sn	<	1.336	ug/L	1.336	EPA200.8
8/1/2018 9:25	Sn	<	1.336	ug/L	1.336	EPA200.8
8/8/2018 9:27	Sn	<	1.336	ug/L	1.336	EPA200.8
8/15/2018 10:03	Sn	<	1.336	ug/L	1.336	EPA200.8
8/22/2018 11:30	Sn	<	1.336	ug/L	1.336	EPA200.8
7/25/2018 9:35	Sr		527.426	ug/L	0.132	EPA200.8
8/1/2018 9:25	Sr		689.135	ug/L	0.132	EPA200.8
8/8/2018 9:27	Sr		591.805	ug/L	0.132	EPA200.8
8/15/2018 10:03	Sr		672.7015	ug/L	0.132	EPA200.8
8/22/2018 11:30	Sr		470.3	ug/L	0.132	EPA200.8
7/25/2018 9:35	TDS		562	mg/L	1	SM2540 C
8/1/2018 9:25	TDS		814	mg/L	1	SM2540 C
8/8/2018 9:27	TDS		562	mg/L	1	SM2540 C
8/15/2018 10:03	TDS		765	mg/L	1	SM2540 C
8/22/2018 11:30	TDS		442	mg/L	1	SM2540 C
7/25/2018 9:35	Ti		5.508	ug/L	0.474	EPA200.8
8/1/2018 9:25	Ti		2.904	ug/L	0.474	EPA200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/8/2018 9:27	Ti		5.619	ug/L	0.474	EPA200.8
8/15/2018 10:03	Ti		2.3795	ug/L	0.474	EPA200.8
8/22/2018 11:30	Ti		5.513	ug/L	0.474	EPA200.8
7/25/2018 9:35	TKN		0.89	mg/L	0.179	EPA351.2
8/1/2018 9:25	TKN		0.731	mg/L	0.179	EPA351.2
8/8/2018 9:27	TKN		0.648	mg/L	0.179	EPA351.2
8/15/2018 10:03	TKN		1.044	mg/L	0.179	EPA351.2
8/22/2018 11:30	TKN		0.9	mg/L	0.179	EPA351.2
7/25/2018 9:35	TI	<	0.196	ug/L	0.196	EPA200.8
8/1/2018 9:25	TI	<	0.196	ug/L	0.196	EPA200.8
8/8/2018 9:27	TI	<	0.196	ug/L	0.196	EPA200.8
8/15/2018 10:03	TI	<	0.196	ug/L	0.196	EPA200.8
8/22/2018 11:30	TI	<	0.196	ug/L	0.196	EPA200.8
7/25/2018 9:35	TMET		12.9	ug/L	10	EPA200.8
8/1/2018 9:25	TMET	<	10	ug/L	10	EPA200.8
8/8/2018 9:27	TMET		10.6	ug/L	10	EPA200.8
8/15/2018 10:03	TMET	<	10	ug/L	10	EPA200.8
8/22/2018 11:30	TMET		11.2	ug/L	10	EPA200.8
7/25/2018 9:35	Total-P		0.055	mg/L	0.01	EPA365.1
8/1/2018 9:25	Total-P		0.046	mg/L	0.01	EPA365.1
8/8/2018 9:27	Total-P		0.077	mg/L	0.01	EPA365.1
8/15/2018 10:03	Total-P		0.0455	mg/L	0.01	EPA365.1
8/22/2018 11:30	Total-P		0.084	mg/L	0.01	EPA365.1
7/25/2018 9:35	TS		580	mg/L	1	SM2540 B
8/1/2018 9:25	TS		926	mg/L	1	SM2540 B
8/8/2018 9:27	TS		676	mg/L	1	SM2540 B
8/15/2018 10:03	TS		696	mg/L	1	SM2540 B
8/22/2018 11:30	TS		486	mg/L	1	SM2540 B
7/25/2018 9:35	TSS		19.2	mg/L	0.5	SM2540 D
8/1/2018 9:25	TSS		6.2	mg/L	0.5	SM2540 D
8/8/2018 9:27	TSS		13.8	mg/L	0.5	SM2540 D
8/15/2018 10:03	TSS		5.6	mg/L	0.5	SM2540 D
8/22/2018 11:30	TSS		22	mg/L	0.5	SM2540 D
7/25/2018 9:35	Turbidity		15.8	NTU		EPA180.1
8/1/2018 9:25	Turbidity		9.9	NTU		EPA180.1
8/8/2018 9:27	Turbidity		17.2	NTU		EPA180.1
8/15/2018 10:03	Turbidity		8.5	NTU		EPA180.1
8/22/2018 11:30	Turbidity		16.7	NTU		EPA180.1

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/25/2018 9:35	V	<	4.138	ug/L	4.138	EPA200.8
8/1/2018 9:25	V	<	4.138	ug/L	4.138	EPA200.8
8/8/2018 9:27	V	<	4.138	ug/L	4.138	EPA200.8
8/15/2018 10:03	V	<	4.138	ug/L	4.138	EPA200.8
8/22/2018 11:30	V	<	4.138	ug/L	4.138	EPA200.8
7/25/2018 9:35	Zn	j	5.332	ug/L	0.626	EPA200.8
8/1/2018 9:25	Zn	j	2.753	ug/L	0.626	EPA200.8
8/8/2018 9:27	Zn	j	4.044	ug/L	0.626	EPA200.8
8/15/2018 10:03	Zn	j	2.3945	ug/L	0.626	EPA200.8
8/22/2018 11:30	Zn	j	4.41	ug/L	0.626	EPA200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/25/2018 9:10	*CaCO3		174	mg/LCaCO3	1	EPA200.8
8/1/2018 9:05	*CaCO3		241	mg/LCaCO3	1	EPA200.8
8/8/2018 9:10	*CaCO3		184	mg/LCaCO3	1	EPA200.8
8/15/2018 9:40	*CaCO3		222	mg/LCaCO3	1	EPA200.8
8/22/2018 11:09	*CaCO3		130	mg/LCaCO3	1	EPA200.8
7/25/2018 9:10	Ag	<	0.254	ug/L	0.254	EPA200.8
8/1/2018 9:05	Ag	<	0.254	ug/L	0.254	EPA200.8
8/8/2018 9:10	Ag	<	0.254	ug/L	0.254	EPA200.8
8/15/2018 9:40	Ag	<	0.254	ug/L	0.254	EPA200.8
8/22/2018 11:09	Ag	<	0.254	ug/L	0.254	EPA200.8
7/25/2018 9:10	Al		121.8	ug/L	5	EPA200.8
8/1/2018 9:05	Al		26.03	ug/L	5	EPA200.8
8/8/2018 9:10	Al		83.14	ug/L	5	EPA200.8
8/15/2018 9:40	Al		29.05	ug/L	5	EPA200.8
8/22/2018 11:09	Al		384	ug/L	5	EPA200.8
7/25/2018 9:10	Alkalinity		125.8	mg/LCaCO3	4.6	EPA310.2
8/1/2018 9:05	Alkalinity		178.1	mg/LCaCO3	4.6	EPA310.2
8/8/2018 9:10	Alkalinity		125.6	mg/LCaCO3	4.6	EPA310.2
8/15/2018 9:40	Alkalinity		146.8	mg/LCaCO3	4.6	EPA310.2
8/22/2018 11:09	Alkalinity		110.6	mg/LCaCO3	4.6	EPA310.2
7/25/2018 9:10	As	<	1.164	ug/L	1.164	EPA200.8
8/1/2018 9:05	As	<	1.164	ug/L	1.164	EPA200.8
8/8/2018 9:10	As	j	1.508	ug/L	1.164	EPA200.8
8/15/2018 9:40	As	<	1.164	ug/L	1.164	EPA200.8
8/22/2018 11:09	As	j	1.943	ug/L	1.164	EPA200.8
7/25/2018 9:10	Ba		38.36	ug/L	0.268	EPA200.8
8/1/2018 9:05	Ba		50.19	ug/L	0.268	EPA200.8
8/8/2018 9:10	Ba		41.32	ug/L	0.268	EPA200.8
8/15/2018 9:40	Ba		47.49	ug/L	0.268	EPA200.8
8/22/2018 11:09	Ba		35.3	ug/L	0.268	EPA200.8
7/25/2018 9:10	Be	<	0.188	ug/L	0.188	EPA200.8
8/1/2018 9:05	Be	<	0.188	ug/L	0.188	EPA200.8
8/8/2018 9:10	Be	<	0.188	ug/L	0.188	EPA200.8
8/15/2018 9:40	Be	<	0.188	ug/L	0.188	EPA200.8
8/22/2018 11:09	Be	<	0.188	ug/L	0.188	EPA200.8
7/25/2018 9:10	BOD		2	mg/L	2	SM5210 B
8/1/2018 9:05	BOD	<	2	mg/L	2	SM5210 B
8/8/2018 9:10	BOD	<	2	mg/L	2	SM5210 B
8/15/2018 9:40	BOD	<	2	mg/L	2	SM5210 B

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/22/2018 11:09	BOD		2.6	mg/L	2	SM5210 B
7/25/2018 9:10	Ca		50720	ug/L	56.43	EPA200.8
8/1/2018 9:05	Ca		69370	ug/L	56.43	EPA200.8
8/8/2018 9:10	Ca		53430	ug/L	56.43	EPA200.8
8/15/2018 9:40	Ca		62570	ug/L	56.43	EPA200.8
8/22/2018 11:09	Ca		37540	ug/L	56.43	EPA200.8
7/25/2018 9:10	Cd	<	0.106	ug/L	0.106	EPA200.8
8/1/2018 9:05	Cd	<	0.106	ug/L	0.106	EPA200.8
8/8/2018 9:10	Cd	<	0.106	ug/L	0.106	EPA200.8
8/15/2018 9:40	Cd	<	0.106	ug/L	0.106	EPA200.8
8/22/2018 11:09	Cd	<	0.106	ug/L	0.106	EPA200.8
7/25/2018 9:10	Co	j	0.244	ug/L	0.072	EPA200.8
8/1/2018 9:05	Co	j	0.212	ug/L	0.072	EPA200.8
8/8/2018 9:10	Co	j	0.244	ug/L	0.072	EPA200.8
8/15/2018 9:40	Co	j	0.226	ug/L	0.072	EPA200.8
8/22/2018 11:09	Co	j	0.469	ug/L	0.072	EPA200.8
7/25/2018 9:10	COD	j	10.4	mg/L	8.8	EPA410.4
8/1/2018 9:05	COD	j	14.1	mg/L	8.8	EPA410.4
8/8/2018 9:10	COD		23.1	mg/L	8.8	EPA410.4
8/15/2018 9:40	COD		21.8	mg/L	8.8	EPA410.4
8/22/2018 11:09	COD		32.1	mg/L	8.8	EPA410.4
7/25/2018 9:10	Cr	j	1.476	ug/L	0.954	EPA200.8
8/1/2018 9:05	Cr	<	0.954	ug/L	0.954	EPA200.8
8/8/2018 9:10	Cr	<	0.954	ug/L	0.954	EPA200.8
8/15/2018 9:40	Cr	<	0.954	ug/L	0.954	EPA200.8
8/22/2018 11:09	Cr	j	1.116	ug/L	0.954	EPA200.8
7/25/2018 9:10	Cu		2.637	ug/L	0.22	EPA200.8
8/1/2018 9:05	Cu		2.255	ug/L	0.22	EPA200.8
8/8/2018 9:10	Cu		3.068	ug/L	0.22	EPA200.8
8/15/2018 9:40	Cu		2.39	ug/L	0.22	EPA200.8
8/22/2018 11:09	Cu		3.34	ug/L	0.22	EPA200.8
7/25/2018 9:10	DRPhos	<	0.012	mg/L	0.012	EPA365.1
8/1/2018 9:05	DRPhos	<	0.012	mg/L	0.012	EPA365.1
8/8/2018 9:10	DRPhos	<	0.012	mg/L	0.012	EPA365.1
8/15/2018 9:40	DRPhos	<	0.012	mg/L	0.012	EPA365.1
8/22/2018 11:09	DRPhos	j	0.014	mg/L	0.012	EPA365.1
7/25/2018 9:10	E. coli		490	MPN/100 mL	1	SM9223 Colilert
8/1/2018 9:05	E. coli		133	MPN/100 mL	1	SM9223 Colilert

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/8/2018 9:10	E. coli		1160	MPN/100 mL	1	SM9223 Colilert
8/15/2018 9:40	E. coli		41	MPN/100 mL	1	SM9223 Colilert
8/22/2018 11:09	E. coli		1203	MPN/100 mL	1	SM9223 Colilert
7/25/2018 9:10	Fe		407.5	ug/L	4.208	EPA200.8
8/1/2018 9:05	Fe		392.7	ug/L	4.208	EPA200.8
8/8/2018 9:10	Fe		618.2	ug/L	4.208	EPA200.8
8/15/2018 9:40	Fe		374	ug/L	4.208	EPA200.8
8/22/2018 11:09	Fe		1036	ug/L	4.208	EPA200.8
7/25/2018 9:10	Field Cond		960	umhos/cm		SM 2510A
8/1/2018 9:05	Field Cond		1226	umhos/cm		SM 2510A
8/8/2018 9:10	Field Cond		923	umhos/cm		SM 2510A
8/15/2018 9:40	Field Cond		1082	umhos/cm		SM 2510A
8/22/2018 11:09	Field Cond		712	umhos/cm		SM 2510A
7/25/2018 9:10	Field Spec Cond		1008	umhos/cm		SM 2510B
8/1/2018 9:05	Field Spec Cond		1314	umhos/cm		SM 2510B
8/8/2018 9:10	Field Spec Cond		969	umhos/cm		SM 2510B
8/15/2018 9:40	Field Spec Cond		1165	umhos/cm		SM 2510B
8/22/2018 11:09	Field Spec Cond		759	umhos/cm		SM 2510B
7/25/2018 9:10	Field DO		7.9	mg/L		SM 4500-0 G
8/1/2018 9:05	Field DO		7.6	mg/L		SM 4500-0 G
8/8/2018 9:10	Field DO		8.1	mg/L		SM 4500-0 G
8/15/2018 9:40	Field DO		8.5	mg/L		SM 4500-0 G
8/22/2018 11:09	Field DO		8.7	mg/L		SM 4500-0 G
7/25/2018 9:10	Field DO		92	%		
8/1/2018 9:05	Field DO		86	%		
8/8/2018 9:10	Field DO		94	%		
8/15/2018 9:40	Field DO		96	%		
8/22/2018 11:09	Field DO		99	%		
7/25/2018 9:10	Field Temp		22.5	C		EPA 170.1
8/1/2018 9:05	Field Temp		21.5	C		EPA 170.1
8/8/2018 9:10	Field Temp		22.5	C		EPA 170.1
8/15/2018 9:40	Field Temp		21.2	C		EPA 170.1
8/22/2018 11:09	Field Temp		21.8	C		EPA 170.1
7/25/2018 9:10	Hg	<	0.025	ug/L	0.025	EPA245.1
8/1/2018 9:05	Hg	<	0.025	ug/L	0.025	EPA245.1
8/8/2018 9:10	Hg	<	0.025	ug/L	0.025	EPA245.1
8/15/2018 9:40	Hg	<	0.025	ug/L	0.025	EPA245.1
8/22/2018 11:09	Hg	<	0.025	ug/L	0.025	EPA245.1

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/25/2018 9:10	K		2983	ug/L	107.6	EPA200.8
8/1/2018 9:05	K		3759	ug/L	107.6	EPA200.8
8/8/2018 9:10	K		3786	ug/L	107.6	EPA200.8
8/15/2018 9:40	K		4343	ug/L	107.6	EPA200.8
8/22/2018 11:09	K		3528	ug/L	107.6	EPA200.8
7/25/2018 9:10	Mg		11570	ug/L	24.11	EPA200.8
8/1/2018 9:05	Mg		16370	ug/L	24.11	EPA200.8
8/8/2018 9:10	Mg		12220	ug/L	24.11	EPA200.8
8/15/2018 9:40	Mg		16040	ug/L	24.11	EPA200.8
8/22/2018 11:09	Mg		8843	ug/L	24.11	EPA200.8
7/25/2018 9:10	Mn		13.63	ug/L	0.254	EPA200.8
8/1/2018 9:05	Mn		12.35	ug/L	0.254	EPA200.8
8/8/2018 9:10	Mn		16.53	ug/L	0.254	EPA200.8
8/15/2018 9:40	Mn		19.95	ug/L	0.254	EPA200.8
8/22/2018 11:09	Mn		45.32	ug/L	0.254	EPA200.8
7/25/2018 9:10	Mo		3.097	ug/L	0.238	EPA200.8
8/1/2018 9:05	Mo		3.694	ug/L	0.238	EPA200.8
8/8/2018 9:10	Mo		3.104	ug/L	0.238	EPA200.8
8/15/2018 9:40	Mo		3.432	ug/L	0.238	EPA200.8
8/22/2018 11:09	Mo		2.613	ug/L	0.238	EPA200.8
7/25/2018 9:10	Na		105700	ug/L	43.67	EPA200.8
8/1/2018 9:05	Na		141000	ug/L	43.67	EPA200.8
8/8/2018 9:10	Na		112800	ug/L	43.67	EPA200.8
8/15/2018 9:40	Na		132000	ug/L	43.67	EPA200.8
8/22/2018 11:09	Na		87580	ug/L	43.67	EPA200.8
7/25/2018 9:10	NH3	<	0.01	mg/L	0.01	EPA350.1
8/1/2018 9:05	NH3	<	0.01	mg/L	0.01	EPA350.1
8/8/2018 9:10	NH3	<	0.01	mg/L	0.01	EPA350.1
8/15/2018 9:40	NH3	<	0.01	mg/L	0.01	EPA350.1
8/22/2018 11:09	NH3		0.033	mg/L	0.01	EPA350.1
7/25/2018 9:10	Ni	j	2.508	ug/L	0.208	EPA200.8
8/1/2018 9:05	Ni	j	2.969	ug/L	0.208	EPA200.8
8/8/2018 9:10	Ni	j	2.944	ug/L	0.208	EPA200.8
8/15/2018 9:40	Ni	j	3.104	ug/L	0.208	EPA200.8
8/22/2018 11:09	Ni	j	2.999	ug/L	0.208	EPA200.8
7/25/2018 9:10	NO3-NO2		0.037	mg/L	0.009	EPA353.2
8/1/2018 9:05	NO3-NO2	<	0.009	mg/L	0.009	EPA353.2
8/8/2018 9:10	NO3-NO2		0.287	mg/L	0.009	EPA353.2
8/15/2018 9:40	NO3-NO2		0.053	mg/L	0.009	EPA353.2

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/22/2018 11:09	NO3-NO2		0.172	mg/L	0.009	EPA353.2
7/25/2018 9:10	Pb	j	0.216	ug/L	0.168	EPA200.8
8/1/2018 9:05	Pb	<	0.168	ug/L	0.168	EPA200.8
8/8/2018 9:10	Pb	j	0.25	ug/L	0.168	EPA200.8
8/15/2018 9:40	Pb	<	0.168	ug/L	0.168	EPA200.8
8/22/2018 11:09	Pb	j	0.679	ug/L	0.168	EPA200.8
7/25/2018 9:10	pH		7.9	S.U.		
8/1/2018 9:05	pH		7.8	S.U.		
8/8/2018 9:10	pH		8.1	S.U.		
8/15/2018 9:40	pH		7.9	S.U.		
8/22/2018 11:09	pH		8.2	S.U.		
7/25/2018 9:10	Sb	<	0.794	ug/L	0.794	EPA200.8
8/1/2018 9:05	Sb	<	0.794	ug/L	0.794	EPA200.8
8/8/2018 9:10	Sb	<	0.794	ug/L	0.794	EPA200.8
8/15/2018 9:40	Sb	<	0.794	ug/L	0.794	EPA200.8
8/22/2018 11:09	Sb	<	0.794	ug/L	0.794	EPA200.8
7/25/2018 9:10	Se	<	1.244	ug/L	1.244	EPA200.8
8/1/2018 9:05	Se	<	1.244	ug/L	1.244	EPA200.8
8/8/2018 9:10	Se	<	1.244	ug/L	1.244	EPA200.8
8/15/2018 9:40	Se	<	1.244	ug/L	1.244	EPA200.8
8/22/2018 11:09	Se	<	1.244	ug/L	1.244	EPA200.8
7/25/2018 9:10	Sn	<	1.336	ug/L	1.336	EPA200.8
8/1/2018 9:05	Sn	<	1.336	ug/L	1.336	EPA200.8
8/8/2018 9:10	Sn	<	1.336	ug/L	1.336	EPA200.8
8/15/2018 9:40	Sn	<	1.336	ug/L	1.336	EPA200.8
8/22/2018 11:09	Sn	<	1.336	ug/L	1.336	EPA200.8
7/25/2018 9:10	Sr		504.348	ug/L	0.132	EPA200.8
8/1/2018 9:05	Sr		718.152	ug/L	0.132	EPA200.8
8/8/2018 9:10	Sr		567.354	ug/L	0.132	EPA200.8
8/15/2018 9:40	Sr		638.36	ug/L	0.132	EPA200.8
8/22/2018 11:09	Sr		426.931	ug/L	0.132	EPA200.8
7/25/2018 9:10	TDS		576	mg/L	1	SM2540 C
8/1/2018 9:05	TDS		782	mg/L	1	SM2540 C
8/8/2018 9:10	TDS		624	mg/L	1	SM2540 C
8/15/2018 9:40	TDS		728	mg/L	1	SM2540 C
8/22/2018 11:09	TDS		394	mg/L	1	SM2540 C
7/25/2018 9:10	Ti	j	1.785	ug/L	0.474	EPA200.8
8/1/2018 9:05	Ti	j	1.061	ug/L	0.474	EPA200.8

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Sample Date	Parameter	Code	Result	Units	MDL	Method
8/8/2018 9:10	Ti		2.112	ug/L	0.474	EPA200.8
8/15/2018 9:40	Ti	j	0.866	ug/L	0.474	EPA200.8
8/22/2018 11:09	Ti		5.943	ug/L	0.474	EPA200.8
7/25/2018 9:10	TKN	j	0.478	mg/L	0.179	EPA351.2
8/1/2018 9:05	TKN	j	0.479	mg/L	0.179	EPA351.2
8/8/2018 9:10	TKN	j	0.408	mg/L	0.179	EPA351.2
8/15/2018 9:40	TKN		0.653	mg/L	0.179	EPA351.2
8/22/2018 11:09	TKN		0.731	mg/L	0.179	EPA351.2
7/25/2018 9:10	TI	<	0.196	ug/L	0.196	EPA200.8
8/1/2018 9:05	TI	<	0.196	ug/L	0.196	EPA200.8
8/8/2018 9:10	TI	<	0.196	ug/L	0.196	EPA200.8
8/15/2018 9:40	TI	<	0.196	ug/L	0.196	EPA200.8
8/22/2018 11:09	TI	<	0.196	ug/L	0.196	EPA200.8
7/25/2018 9:10	TMET	<	10	ug/L	10	EPA200.8
8/1/2018 9:05	TMET	<	10	ug/L	10	EPA200.8
8/8/2018 9:10	TMET	<	10	ug/L	10	EPA200.8
8/15/2018 9:40	TMET	<	10	ug/L	10	EPA200.8
8/22/2018 11:09	TMET		11.8	ug/L	10	EPA200.8
7/25/2018 9:10	Total-P	j	0.018	mg/L	0.01	EPA365.1
8/1/2018 9:05	Total-P	<	0.01	mg/L	0.01	EPA365.1
8/8/2018 9:10	Total-P		0.036	mg/L	0.01	EPA365.1
8/15/2018 9:40	Total-P	j	0.015	mg/L	0.01	EPA365.1
8/22/2018 11:09	Total-P		0.074	mg/L	0.01	EPA365.1
7/25/2018 9:10	TS		618	mg/L	1	SM2540 B
8/1/2018 9:05	TS		910	mg/L	1	SM2540 B
8/8/2018 9:10	TS		710	mg/L	1	SM2540 B
8/15/2018 9:40	TS		672	mg/L	1	SM2540 B
8/22/2018 11:09	TS		460	mg/L	1	SM2540 B
7/25/2018 9:10	TSS		7	mg/L	0.5	SM2540 D
8/1/2018 9:05	TSS		3.5	mg/L	0.5	SM2540 D
8/8/2018 9:10	TSS		4.2	mg/L	0.5	SM2540 D
8/15/2018 9:40	TSS		2.3	mg/L	0.5	SM2540 D
8/22/2018 11:09	TSS		21.9	mg/L	0.5	SM2540 D
7/25/2018 9:10	Turbidity		5.6	NTU		EPA180.1
8/1/2018 9:05	Turbidity		2	NTU		EPA180.1
8/8/2018 9:10	Turbidity		6.6	NTU		EPA180.1
8/15/2018 9:40	Turbidity		2.2	NTU		EPA180.1
8/22/2018 11:09	Turbidity		21.9	NTU		EPA180.1

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Sample Date	Parameter	Code	Result	Units	MDL	Method
7/25/2018 9:10	V	<	4.138	ug/L	4.138	EPA200.8
8/1/2018 9:05	V	<	4.138	ug/L	4.138	EPA200.8
8/8/2018 9:10	V	<	4.138	ug/L	4.138	EPA200.8
8/15/2018 9:40	V	<	4.138	ug/L	4.138	EPA200.8
8/22/2018 11:09	V	<	4.138	ug/L	4.138	EPA200.8
7/25/2018 9:10	Zn	j	1.719	ug/L	0.626	EPA200.8
8/1/2018 9:05	Zn	j	0.817	ug/L	0.626	EPA200.8
8/8/2018 9:10	Zn	j	1.537	ug/L	0.626	EPA200.8
8/15/2018 9:40	Zn	j	3.649	ug/L	0.626	EPA200.8
8/22/2018 11:09	Zn	j	4.401	ug/L	0.626	EPA200.8