

Station	Sample Start	Sample End	Sample Reason	Sample Type	Air Temperature (°F)	Water Temperature (°C)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity (ppt)	Specific Conductivity (µS/cm)	Transparency (cm)	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)
10SA	01/09/2019 10:15	01/09/2019 10:15	Base	Grab	9	3.1	922	10.12	8.0	0.79	1583	64	137	0.35
10SA	01/23/2019 10:05	01/23/2019 10:05	Base	Grab	20	2.4	1236	12.94	7.9	1.10	2173	> 100	301	0.06
10SA	02/13/2019 10:20	02/13/2019 10:20	Base	Grab	9	1.5	2734	11.67	7.7	2.61	4952	69	298	2.24
10SA	03/22/2019 17:10	03/23/2019 18:50	Melt	Composite	36								54	0.28
10SA	03/27/2019 09:15	03/27/2019 09:15	Base	Grab	45	5.2	548	11.99	7.2	0.43	881	59	90	0.21
10SA	04/06/2019 01:35	04/06/2019 11:15	Rain	Composite	56								46	0.38
10SA	04/09/2019 09:40	04/09/2019 09:40	Base	Grab	48	6.9	769	10.85	7.2	0.50	1175	74	143	0.10
10SA	04/17/2019 09:00	04/17/2019 17:45	Rain	Composite	50								58	0.32
10SA	04/23/2019 10:20	04/23/2019 10:20	Base	Grab	48	9.2	658	10.82	7.6	0.47	943	46	199	0.08
10SA	05/08/2019 11:30	05/08/2019 19:05	Rain	Composite	40								33	0.14
10SA	05/10/2019 09:15	05/10/2019 09:15	Base	Grab	52	9.6	622	10.60	6.9	0.44	882	93	203	~ 0.04
10SA	05/19/2019 01:27	05/19/2019 22:29	Rain	Composite	55									~ 0.05
10SA	05/21/2019 19:15	05/22/2019 09:00	Rain	Composite	50								55	~ 0.04
10SA	05/27/2019 06:30	05/27/2019 14:40	Rain	Composite	45								40	~ 0.05
10SA	05/31/2019 09:00	05/31/2019 09:00	Base	Grab	75	14.7	987	9.10	7.2	0.62	1229	> 100	313	~ 0.05
10SA	06/04/2019 15:35	06/05/2019 02:20	Rain	Composite	75								71	0.11
10SA	06/14/2019 09:20	06/14/2019 09:20	Base	Grab	75	15.6	1152	5.51	7.2	0.71	1403	69	341	0.24
10SA	06/23/2019 02:35	06/23/2019 11:40	Rain	Composite	60								88	0.30
10SA	06/23/2019 21:20	06/24/2019 01:55	Rain	Composite	60								31	0.11
10SA	06/26/2019 08:00	06/26/2019 08:00	Base	Grab	75	17.8	641	6.07	7.9	0.36	743	48	163	0.09
10SA	06/30/2019 12:10	07/01/2019 06:25	Rain	Composite	80								49	0.06
10SA	07/09/2019 14:30	07/09/2019 17:25	Rain	Composite	70								59	~ 0.03
10SA	07/15/2019 09:15	07/15/2019 09:15	Base	Grab	80	19.7	901	5.83	7.3	0.50	1002	> 100	270	0.92
10SA	07/15/2019 17:05	07/15/2019 18:20	Rain	Composite	80								24	0.13
10SA	07/23/2019 09:20	07/23/2019 09:20	Base	Grab	75	19.7	617	5.80	7.3	0.34	687	> 100	183	0.17
10SA	08/03/2019 17:30	08/04/2019 12:05	Rain	Composite									59	0.18
10SA	08/05/2019 12:45	08/05/2019 16:40	Rain	Composite	70									0.08
10SA	08/07/2019 08:30	08/07/2019 08:30	Base	Grab	70	21.5	401.4	5.00	6.9	0.21	429.8	69	113	0.20
10SA	08/13/2019 16:05	08/13/2019 17:05	Rain	Composite	70								15	0.10
10SA	08/19/2019 08:30	08/19/2019 08:30	Base	Grab	65	19.7	379.8	7.92	7.2	0.20	422.3	54	130	< 0.02

Station	Sample Start	Sample End	Carbonaceous Biological Oxygen Demand 5- day (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Phosphorus (mg/L)	Ortho Phosphate (mg/L)	Total Phosphorus (mg/L)	E. coli (MPN/100 mL)	Hardness (mg/L CaCO3)	Total Kjeldahl Nitrogen (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)
10SA	01/09/2019 10:15	01/09/2019 10:15	3.6	44	431.5	0.11	0.09	0.17		152	1.50	0.58	< 0.03	8.94
10SA	01/23/2019 10:05	01/23/2019 10:05	2.6	24	538.0	0.08	0.05	0.11	24	317	0.90	1.14	< 0.03	58.50
10SA	02/13/2019 10:20	02/13/2019 10:20	2.5	62	1401.6	0.11	0.06	0.16		345	3.80	1.08	0.04	17.10
10SA	03/22/2019 17:10	03/23/2019 18:50	6.1	39	96.8	0.23	0.19	0.34		48	1.60	0.39	0.03	6.06
10SA	03/27/2019 09:15	03/27/2019 09:15	2.9	42	179.0	0.19	0.13	0.23	1203	109	1.10	0.77	0.04	11.60
10SA	04/06/2019 01:35	04/06/2019 11:15	6.0	85	98.9	~ 0.04	0.04	0.25		39	2.00	0.63	< 0.06	7.76
10SA	04/09/2019 09:40	04/09/2019 09:40	2.5	29	247.6	0.05	0.03	0.12		193	1.10	1.32	< 0.06	18.50
10SA	04/17/2019 09:00	04/17/2019 17:45	5.1	101	64.6	~ 0.05	0.05	0.26		51	1.60	0.65	< 0.06	5.79
10SA	04/23/2019 10:20	04/23/2019 10:20	3.3	28	137.1	< 0.02	~ 0.01	0.09	727	262	1.00	2.15	< 0.06	23.30
10SA	05/08/2019 11:30	05/08/2019 19:05		87	49.2	0.10	0.09	0.34		42	2.20	4.59	< 0.06	5.84
10SA	05/10/2019 09:15	05/10/2019 09:15	2.8	30	125.6	0.05	0.04	0.13		192	0.81	1.80	< 0.06	23.10
10SA	05/19/2019 01:27	05/19/2019 22:29			42.1	< 0.02	0.02	0.09			0.57	0.31	< 0.06	
10SA	05/21/2019 19:15	05/22/2019 09:00		43	31.9	~ 0.02	0.01	0.14		39	0.92	0.32	< 0.06	5.80
10SA	05/27/2019 06:30	05/27/2019 14:40	4.5	40	17.0	~ 0.04	0.01	0.14		29	0.76	0.28	< 0.06	3.80
10SA	05/31/2019 09:00	05/31/2019 09:00	1.9	23	142.1	~ 0.02	0.03	0.09	7400	381	0.76	3.42	< 0.06	39.30
10SA	06/04/2019 15:35	06/05/2019 02:20		90	40.8	~ 0.05	0.01	0.28		86	1.90	0.59	0.09	8.10
10SA	06/14/2019 09:20	06/14/2019 09:20	2.9	37	205.2	0.08	0.06	0.25		313	1.30	0.32	0.38	38.80
10SA	06/23/2019 02:35	06/23/2019 11:40		92	54.8	0.11	0.06	0.38		93	2.20	0.36	0.11	8.90
10SA	06/23/2019 21:20	06/24/2019 01:55		37	18.8	0.06	0.05	0.20		~ 24	0.82	0.25	< 0.06	2.86
10SA	06/26/2019 08:00	06/26/2019 08:00	5.0	22	101.7	0.07	0.05	0.23	326	186	1.30	0.73	< 0.06	17.50
10SA	06/30/2019 12:10	07/01/2019 06:25	6.8	83	32.2	~ 0.05	0.04	0.35		52	2.10	0.33	< 0.06	6.83
10SA	07/09/2019 14:30	07/09/2019 17:25		89	50.3	~ 0.04		0.39		71	2.20	0.48	0.13	6.49
10SA	07/15/2019 09:15	07/15/2019 09:15	2.5	28	140.6	0.12	0.08	0.29		295	1.80	< 0.20	0.06	19.70
10SA	07/15/2019 17:05	07/15/2019 18:20	6.4	102	8.2	~ 0.03	0.04	0.56		56	2.50	0.27	< 0.06	3.38
10SA	07/23/2019 09:20	07/23/2019 09:20	2.3	29	77.6	0.11	0.06	0.18	33	190	0.86	0.83	< 0.06	14.80
10SA	08/03/2019 17:30	08/04/2019 12:05	6.0	63	23.2	0.08	0.05	0.31		59	2.00	0.43	0.07	4.68
10SA	08/05/2019 12:45	08/05/2019 16:40			23.5	0.05		0.20			1.40	0.42	0.07	
10SA	08/07/2019 08:30	08/07/2019 08:30	2.9	39	47.9	0.14	0.10	0.21		118	1.00	0.31	< 0.06	7.04
10SA	08/13/2019 16:05	08/13/2019 17:05	4.4	98	4.2	~ 0.04	0.04	0.33		~ 18	1.30	0.30	< 0.06	3.47
10SA	08/19/2019 08:30	08/19/2019 08:30	2.4	19	38.2	0.11	0.08	0.15	1414	113	0.73	1.02	< 0.06	10.80

Station	Sample Start	Sample End	Total Biological Oxygen Demand 5-day (mg/L)		Total Cadmium (mg/L)	Total Chromium (mg/L)	Total Copper (mg/L)	Total Lead (mg/L)	Total Nickel (mg/L)	Total Zinc (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Suspended Solids (mg/L)		Volatile Suspended Solids (mg/L)
10SA	01/09/2019 10:15	01/09/2019 10:15	4.8	<	0.00020	0.00055	0.0064	<	0.00100	0.0018	0.0148	828	6.8	3	~ 2
10SA	01/23/2019 10:05	01/23/2019 10:05	2.1								1150	4.0	~ 2	~ 2	
10SA	02/13/2019 10:20	02/13/2019 10:20	3.0	<	0.00020	0.00120	0.0038	~	0.00016	0.0037	0.0087	2850	3.5	4	4
10SA	03/22/2019 17:10	03/23/2019 18:50	7.7								291	9.9	13		7
10SA	03/27/2019 09:15	03/27/2019 09:15	4.1								454	6.2	8		4
10SA	04/06/2019 01:35	04/06/2019 11:15	6.7								245	8.6	102		31
10SA	04/09/2019 09:40	04/09/2019 09:40	3.0	<	0.00006	0.00160	0.0038	~	0.00098	0.0019	0.0094	633	5.5	6	3
10SA	04/17/2019 09:00	04/17/2019 17:45	6.3	~	0.00011	0.00650	0.0148		0.00690	0.0045	0.0648	202	5.7	110	31
10SA	04/23/2019 10:20	04/23/2019 10:20	3.6								513	5.9	10		5
10SA	05/08/2019 11:30	05/08/2019 19:05		~	0.00014	0.00700	0.0155		0.00580	0.0047	0.0619	165	10.8	121	30
10SA	05/10/2019 09:15	05/10/2019 09:15	2.6	<	0.00006	0.00072	0.0113		0.00110	0.0015	0.0061	481	5.3	4	3
10SA	05/19/2019 01:27	05/19/2019 22:29									156		15		5
10SA	05/21/2019 19:15	05/22/2019 09:00									130	5.6	53		15
10SA	05/27/2019 06:30	05/27/2019 14:40	5.7								100	4.7	57		14
10SA	05/31/2019 09:00	05/31/2019 09:00	1.9								639	5.8	3	~	2
10SA	06/04/2019 15:35	06/05/2019 02:20	> 8.6								204	12.5	81		26
10SA	06/14/2019 09:20	06/14/2019 09:20	3.4	~	0.00007	~ 0.00040	0.0065	<	0.00026	0.0017	0.0065	730	6.3	~ 5	~ 4
10SA	06/23/2019 02:35	06/23/2019 11:40									231	11.8	89		38
10SA	06/23/2019 21:20	06/24/2019 01:55									91	7.8	63		18
10SA	06/26/2019 08:00	06/26/2019 08:00	5.9								380	7.4	11		7
10SA	06/30/2019 12:10	07/01/2019 06:25	> 8.4	~	0.00011	0.00520	0.0136		0.00610	0.0043	0.0520	132	7.4	99	24
10SA	07/09/2019 14:30	07/09/2019 17:25									175	13.8	134		43
10SA	07/15/2019 09:15	07/15/2019 09:15	2.7	~	0.00034	~ 0.00027	0.0028	<	0.00026	0.0013	0.0055	546	7.7	5	3
10SA	07/15/2019 17:05	07/15/2019 18:20	7.6	~	0.00024	0.01130	0.0224		0.01390	0.0078	0.0979	56	5.3	337	58
10SA	07/23/2019 09:20	07/23/2019 09:20	2.4								363	6.9	3	~	2
10SA	08/03/2019 17:30	08/04/2019 12:05	7.7	<	0.00006	0.00310	0.0086		0.00320	0.0026	0.0378	141	10.4	60	19
10SA	08/05/2019 12:45	08/05/2019 16:40											38		14
10SA	08/07/2019 08:30	08/07/2019 08:30	4.1	<	0.00006	~ 0.00043	0.0044	~	0.00028	0.001	0.0070	241	9.9	4	4
10SA	08/13/2019 16:05	08/13/2019 17:05	6.6								44	4.3	244		46
10SA	08/19/2019 08:30	08/19/2019 08:30	2.5								221	4.7	5		3

Station	Sample Start	Sample End	Sample Reason	Sample Type	Air Temperature (°F)	Water Temperature (°C)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity (ppt)	Specific Conductivity (µS/cm)	Transparency (cm)	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)
10SA	09/06/2019 08:40	09/06/2019 08:40	Base	Grab	65	18.7	538	6.94	7.1	0.30	611	> 100	163	< 0.02
10SA	09/12/2019 03:30	09/12/2019 07:05	Rain	Composite	65								35	< 0.02
10SA	09/17/2019 08:35	09/17/2019 08:35	Base	Grab	70	19.3	750	7.15	7.2	0.41	843	> 100	276	~ 0.05
10SA	09/29/2019 03:25	09/29/2019 09:55	Rain	Composite	75								68	~ 0.02
10SA	10/01/2019 14:20	10/01/2019 19:00	Rain	Composite	50								30	< 0.02
10SA	10/02/2019 14:35	10/03/2019 06:50	Rain	Composite	50								58	< 0.02
10SA	10/05/2019 04:00	10/05/2019 09:55	Rain	Composite	60								37	~ 0.03
10SA	10/08/2019 08:55	10/08/2019 08:55	Base	Grab	57	14.6	545	9.02	7.3	0.33	680	> 100	211	~ 0.02
10SA	10/24/2019 08:45	10/24/2019 08:45	Base	Grab	34	10.3	562	14.07	7.9	0.38	780	76	200	< 0.02
10SA	11/15/2019 10:00	11/15/2019 10:00	Base	Grab	35	8.7	1213	10.00	6.8	0.90	1760	> 100	377	0.25
10SA	11/21/2019 01:45	11/21/2019 14:00	Rain	Composite	30								58	0.22
10SA	11/26/2019 10:30	11/26/2019 10:30	Base	Grab	35	7.2	550	9.42	6.8	0.41	834	89	203	~ 0.05
10SA	12/03/2019 10:15	12/03/2019 10:15	Base	Grab	25	5.9	4981	10.03	6.5	4.33	7849	27	209	0.47
10SA	12/17/2019 10:30	12/17/2019 10:31	Base	Grab	21	7.2	1568	10.84	7.2	1.22	2376	62	307	0.09
10SA	12/28/2019 12:50	12/29/2019 02:30	Rain	Composite	32								44	0.19

Station	Sample Start	Sample End	Carbonaceous Biological Oxygen Demand 5- day (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Phosphorus (mg/L)	Ortho Phosphate (mg/L)	Total Phosphorus (mg/L)	E. coli (MPN/100 mL)	Hardness (mg/L CaCO3)	Total Kjeldahl Nitrogen (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)
10SA	09/06/2019 08:40	09/06/2019 08:40	1.9	16	70.7	0.16	0.11	0.18		191	3.60	0.83	< 0.06	13.90
10SA	09/12/2019 03:30	09/12/2019 07:05		249	7.6	~ 0.03		0.20		33	0.84	< 0.20	< 0.06	2.73
10SA	09/17/2019 08:35	09/17/2019 08:35	1.7	15	103.8	0.09	0.08	0.14	192	273	0.55	2.25	< 0.06	22.80
10SA	09/29/2019 03:25	09/29/2019 09:55		31	27.2	0.06		0.18		45	0.82	0.48	< 0.06	5.06
10SA	10/01/2019 14:20	10/01/2019 19:00	3.0	45	9.6	0.06	0.04	0.18		34	0.77	< 0.20	< 0.06	2.28
10SA	10/02/2019 14:35	10/03/2019 06:50		20	17.9	0.09		0.10		58	0.45	0.20	< 0.06	4.51
10SA	10/05/2019 04:00	10/05/2019 09:55		23	8.7	0.10		0.17		26	0.45	0.21	< 0.06	2.17
10SA	10/08/2019 08:55	10/08/2019 08:55	2.1	~ 14	78.8	0.07	0.05	0.08		239	0.54	1.42	< 0.06	18.30
10SA	10/24/2019 08:45	10/24/2019 08:45	2.9	17	68.7	0.07	0.04	0.11	1414	215	0.55	0.89	< 0.06	17.30
10SA	11/15/2019 10:00	11/15/2019 10:00	1.9	29	415.2	0.08	0.05	0.26		500	1.20	0.58	< 0.06	32.30
10SA	11/21/2019 01:45	11/21/2019 14:00	10.0	49	32.0	0.12		0.22		62	1.10	0.34	< 0.06	5.22
10SA	11/26/2019 10:30	11/26/2019 10:30	2.0	42	137.3	0.06	0.03	0.11	461	234	0.66	0.60	< 0.06	21.60
10SA	12/03/2019 10:15	12/03/2019 10:15	2.9	53	2598.6	0.07	0.03	0.14		340	1.30	0.66	< 0.06	28.00
10SA	12/17/2019 10:30	12/17/2019 10:31	1.1	~ 11	694.6	0.14	0.10	0.14	17	360	0.37	0.76	< 0.06	29.30
10SA	12/28/2019 12:50	12/29/2019 02:30		91	442.5	0.06		0.27		55	2.00	0.88	0.06	7.08

Station	Sample Start	Sample End	Total Biological Oxygen Demand 5-day (mg/L)	Total Cadmium (mg/L)	Total Chromium (mg/L)	Total Copper (mg/L)	Total Lead (mg/L)	Total Nickel (mg/L)	Total Zinc (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Suspended Solids (mg/L)	Volatile Suspended Solids (mg/L)
10SA	09/06/2019 08:40	09/06/2019 08:40	2.1	< 0.00006	0.00071	0.0101	< 0.00026	0.0011	0.0051	340	5.1	~ 3	~ 3
10SA	09/12/2019 03:30	09/12/2019 07:05								65	6.6	121	22
10SA	09/17/2019 08:35	09/17/2019 08:35	1.4							491	5.2	~ 2	~ 1
10SA	09/29/2019 03:25	09/29/2019 09:55								143	7.9	24	11
10SA	10/01/2019 14:20	10/01/2019 19:00	5.4							72	4.5	89	25
10SA	10/02/2019 14:35	10/03/2019 06:50								133	4.2	22	6
10SA	10/05/2019 04:00	10/05/2019 09:55								70	3.0	47	11
10SA	10/08/2019 08:55	10/08/2019 08:55	1.6	< 0.00006	0.00075	0.0026	< 0.00026	0.0012	~ 0.0032	382	4.8	~ 1	~ 1
10SA	10/24/2019 08:45	10/24/2019 08:45	2.7							359	6.6	3	~ 2
10SA	11/15/2019 10:00	11/15/2019 10:00	2.2	< 0.00006	~ 0.00022	0.0018	< 0.00026	0.0018	~ 0.0043	1030	4.6	3	~ 1
10SA	11/21/2019 01:45	11/21/2019 14:00	11.0							142	8.9	27	13
10SA	11/26/2019 10:30	11/26/2019 10:30	2.5							477	5.3	3	3
10SA	12/03/2019 10:15	12/03/2019 10:15	3.3	~ 0.00007	0.00150	0.0032	~ 0.00037	0.0014	0.0154	4240	2.1	6	4
10SA	12/17/2019 10:30	12/17/2019 10:31	0.8							1330	1.3	5	~ 2
10SA	12/28/2019 12:50	12/29/2019 02:30		~ 0.00013	0.00600	0.0147	0.00660	0.0042	0.0770	836	3.7	109	32