

	Date	E-coli (CFU or colonies/100 ml)	CFM Discharge	Total Phos. (ppm)	Total Phos. Loading (kg/day)	TSS (ppm)	TSS Loading (kg/day)	D.O.	pH	Temp (F)	Specific Conductance	Post rain event *
1	5/23/22	146.7	428.95	0.029	0.51	2.7	47.23	9.1	7.76	50.9	561	
2	5/23/22	260.3	828.42	0.029	0.98	5.5	185.81	10.4	8.08	53.2	559	
3	5/23/22	8.6	1217.30	0.013	0.65	2.8	139.00	9.0	8.32	62.3	547	
4	5/23/22	65.7	1761.19	0.040	2.87	6.6	474.03	8.5	8.16	62.0	570	
5	5/23/22	60.2	1720.91	<.010	nd	4.1	287.74	8.3	8.06	63.2	585	
6	5/23/22	102.5	1576.19	0.049	3.15	3.2	205.69	8.8	8.06	60.1	550	
7	5/23/22	176.8	2666.25	0.065	7.07	8.8	956.84	8.9	8.04	59.5	627	
8	5/23/22	108.1	5030.05	0.052	10.67	5.7	1169.24	9.4	8.09	58.8	616	
9	5/23/22	3.0	3687.77	0.035	5.26	1.2	180.47	8.4	8.17	65.5	521	
10	5/23/22	17.3	3269.45	0.026	3.47	3.2	426.66	8.8	8.10	64.9	635	
11	5/23/22	41.0	nd	0.030	nd	3.8	nd	8.5	8.10	65.1	625	
12	5/26/22	186.0	5786.59	0.037	8.73	3.6	849.53	8.2	8.16	65.7	634	
13	5/26/22	13.2	nd	0.014	nd	1.8	nd	8.3	8.31	67.1	594	
14	5/26/22	39.5	8342.01	0.015	5.10	1.9	646.37	8.4	8.25	66.9	591	
15	5/26/22	<1	5812.14	0.022	5.21	2.8	663.67	5.7	8.43	67.8	922	
16	5/26/22	79.4	8298.35	0.022	7.45	2.8	947.56	8.4	8.10	65.6	563	
17	5/19/22	3.1	517.06	0.021	0.44	<1	nd	9.5	8.55	63.7	323	
19	5/19/22	78.4	527.57	0.036	0.77	3.8	81.76	9.6	8.12	59.8	757	
21	5/19/22	66.3	2259.91	0.011	1.01	<1	nd	8.6	8.13	64.8	667	
22	5/19/22	69.7	736.49	0.069	2.07	2.6	78.09	7.3	7.69	61.5	865	
24	5/19/22	42.8	nd	0.013	nd	<1	nd	9.3	8.26	65.4	664	
25	5/19/22	75.4	413.27	0.016	0.27	1.2	20.22	8.6	8.16	65.9	383	
27	5/20/22	16.0	157.99	0.064	0.41	14.0	90.20	8.6	8.43	69.6	640	
28	5/20/22	135.4	214.81	0.097	0.85	21.0	183.96	7.8	8.00	65.2	431	
29	5/19/22	43.5	4138.20	0.015	2.53	2.2	371.27	8.6	8.22	69.3	521	
30	5/26/22	131.4	434.22	<.010	nd	2.3	40.73	8.2	8.21	69.9	368	
31	5/26/22	146.7	492.89	0.027	0.54	4.3	86.43	8.3	8.15	68.5	273	
32	5/26/22	124.6	583.93	<.010	nd	3.0	71.44	8.1	8.28	69.0	388	
33	5/20/22	27.9	814.33	0.020	0.66	1.7	56.46	9.2	8.27	68.9	617	
34	5/20/22	75.4	2986.51	0.045	5.48	3.1	377.56	8.2	7.91	66.7	586	
37	5/20/22	3.1	nd	<.01	nd	<1	nd	10.5	8.42	65.5	431	
38	5/19/22	41.0	595.96	0.017	0.41	1.2	29.16	8.3	7.80	67.1	392	
39	5/19/22	8.5	928.94	0.016	0.61	1.2	45.46	9.3	8.42	65.5	378	
40	5/26/22	4.1	nd	0.017	nd	<1	nd	8.9	8.52	68.2	332	

* Indicates .5 inches or more of precipitation occurred within approx. 48 hours pre-sampling.

The notation "nd" denotes that no data was collected or calculated due to a result below lab detection limits or the constraints of field conditions.

Site	Date	E-coli (CFU or colonies/100 ml)	CFM Discharge	Total Phos. (ppm)	Total Phos. Loading (kg/day)	TSS (ppm)	TSS Loading (kg/day)	D.O.	pH	Temp (F)	Specific Conductance	Post rain event *
42	5/20/22	122.3	961.81	0.065	2.55	1.9	74.52	8.5	8.00	68.3	478	
43	5/20/22	37.3	4144.47	0.027	4.56	3.9	659.16	9.4	8.44	69.5	542	
44	5/20/22	98.7	48.88	0.010	0.02	1.7	3.39	8.8	7.51	58.1	586	
45	5/19/22	86.0	308.91	0.064	0.81	5.9	74.33	6.9	7.86	56.0	522	
46	5/26/22	107.1	39.94	0.022	0.04	2.2	3.58	8.9	7.61	61.5	551	
47	5/20/22	122.3	243.55	0.037	0.37	1.3	12.91	7.5	8.08	70.7	483	
48	5/20/22	26.6	209.22	0.028	0.24	2.5	21.33	9.1	8.57	72.7	354	
50	5/31/22	186.0	53.45	0.076	0.17	2.9	6.32	4.8	7.57	66.3	348	
51	5/20/22	387.3	90.37	<.01	nd	2.0	7.37	9.4	7.95	59.1	715	
52	5/19/22	727.0	65.35	0.117	0.31	2.9	7.73	8.1	7.86	57.6	549	
53	5/19/22	16.1	3.20	0.050	0.01	2.0	0.26	8.6	7.29	52.0	615	
54	5/19/22	161.6	nd	0.075	nd	1.1	nd	7.0	7.45	56.1	376	
58	5/23/22	201.4	1651.55	0.035	2.36	4.7	316.55	9.1	8.16	62.5	565	
59	5/20/22	105.0	3094.73	0.055	6.94	8.6	1085.37	9.0	8.14	69.4	679	
61	5/31/22	261.3	347.82	1.800	25.53	8.6	121.99	8.5	8.10	66.5	446	
62	5/31/22	488.4	297.20	0.141	1.71	9.1	110.29	7.9	8.06	67.3	284	
63	5/20/22	52.0	nd	0.038	nd	1.6	nd	8.7	8.18	72.2	492	
64	5/20/22	125.0	184.60	0.066	0.50	4.2	31.62	8.4	8.04	68.6	533	
65	5/31/22	1119.9	2577.08	0.167	17.55	15.0	1576.43	7.4	7.98	67.8	485	
68	5/31/22	1119.9	nd	0.130	nd	16.0	nd	7.3	7.91	68.1	492	
69	5/31/22	686.7	2845.04	0.162	18.80	15.0	1740.35	8.4	7.95	68.3	465	
70	5/31/22	492.6	3389.05	0.099	13.68	13.0	1796.71	7.7	7.77	66.3	540	
72	5/19/22	88.4	1.26	0.072	0.00	3.6	0.18	6.5	7.36	60.7	601	
74*	5/25/22	109.2	nd	0.138	nd	11.0	nd	nd	7.61	nd	nd	
75*	5/25/22	128.1	nd	0.230	nd	2.4	nd	nd	7.02	nd	nd	
76	5/20/22	1.0	nd	0.010	nd	1.1	nd	9.01	8.51	73.2	446.0	

* Indicates .5 inches or more of precipitation occurred within approx. 48 hours pre-sampling.

The notation "nd" denotes that no data was collected or calculated due to a result below lab detection limits or the constraints of field conditions.

Data shaded exceeds certain water quality standards selected from those provided by IDEM