

Site	Date	E-coli (CFU or colonies/1 00 ml)	CFM Discharge	Total Phos. (ppm)	Total Phos. Loading (kg/day)	TSS (ppm)	TSS Loading (kg/day)	D.O.	pH	Temp (C)	Specific Conductance	Post rain event *
1	5/29/18	1710.0	751.90	0.107	3.28	19.0	582.60	8.39	7.47	19.4	706.0	*
2	5/29/18	350.0	1284.15	0.061	3.19	18.0	942.64	9.33	7.76	21.3	682.0	*
3	5/29/18	31.0	2698.43	0.067	7.37	7.9	869.35	13.19	8.28	25.0	591.0	*
4	5/29/18	132.0	2316.61	0.091	8.60	11.0	1039.21	9.94	7.96	25.0	625.0	*
5	5/29/18	231.0	1937.84	0.079	6.24	7.9	624.31	8.85	7.84	25.0	627.0	*
6	5/29/18	199.0	4385.90	0.111	19.85	20.0	3577.21	7.23	7.77	24.6	635.0	*
7	5/29/18	144.0	3759.29	0.134	20.54	26.0	3985.98	7.29	7.77	24.6	696.0	*
8	5/29/18	345.0	4596.18	0.120	22.49	20.0	3748.72	7.66	7.83	24.3	695.0	*
9	5/29/18	<10.0	nd	0.055	nd	2.9	nd	10.62	8.30	28.2	642.0	*
10	5/29/18	74.0	nd	0.069	nd	7.0	nd	9.63	7.96	26.7	735.0	*
11	5/29/18	41.0	nd	0.077	nd	7.1	nd	7.84	7.91	26.3	681.0	*
12	5/29/18	52.0	6290.70	0.067	17.19	3.3	846.58	9.89	8.18	26.7	665.0	*
13	5/29/18	20.0	nd	0.056	nd	1.6	nd	13.92	8.54	29.0	600.0	*
14	5/29/18	41.0	8243.02	0.068	22.86	8.2	2756.49	9.59	8.13	24.4	633.0	*
15	5/30/18	10.0	8854.35	0.062	22.39	3.0	1083.26	10.65	8.32	25.9	591.0	
16	5/30/18	75.0	8435.75	0.050	17.20	4.8	1651.28	7.88	7.98	24.5	589.0	
17	5/15/18	<10.0	1458.58	0.030	1.78	3.4	202.24	10.46	8.49	17.8	334.6	*
19	5/31/18	243.0	486.91	0.050	0.99	13.0	258.14	8.20	8.17	23.1	812.0	
21	5/30/18	52.0	2530.16	0.034	3.51	<1.0	nd	8.92	8.20	27.1	647.0	
22	5/30/18	262.0	116.19	0.143	0.68	2.4	11.37	6.27	7.69	26.1	671.0	
24	5/31/18	121.0	nd	0.026	nd	<1.0	nd	9.18	8.21	26.2	588.0	*
25	5/30/18	75.0	1566.03	0.022	1.41	<1.0	nd	6.64	7.90	27.2	440.0	
27	5/30/18	86.0	254.29	0.060	0.62	4.3	44.59	8.09	8.28	24.7	566.0	
28	5/30/18	231.0	62.49	0.106	0.27	12.0	30.58	8.78	8.13	28.7	732.0	
29	5/31/18	193.0	6140.54	0.019	4.76	1.4	350.58	7.30	8.01	26.4	531.0	*
30	5/31/18	62.0	1298.20	0.031	1.64	<1.0	nd	6.38	7.85	25.3	477.5	*
31	5/31/18	223.0	1029.80	0.045	1.89	4.4	184.78	6.72	7.82	24.8	483.0	*
32	5/31/18	52.0	962.00	0.016	0.63	4.2	164.77	7.22	8.21	26.2	471.0	*
33	5/31/18	86.0	1128.30	0.035	1.61	<1.0	nd	7.99	8.09	22.6	637.0	*
34	5/31/18	185.5	2899.85	0.067	7.92	1.1	130.08	5.29	7.86	22.3	650.0	*
37	5/31/18	63.0	nd	0.014	nd	1.4	nd	8.70	8.36	25.8	542.0	*
38	5/30/18	86.0	1010.26	0.033	1.36	2.5	103.00	6.15	7.69	27.8	426.0	
39	5/30/18	52.0	1520.24	0.016	0.99	<1.0	nd	7.89	8.33	27.5	420.0	
40	5/30/18	<10	lake site	0.013	nd	<1.0	nd	8.46	8.32	27.7	425.3	
42	5/31/18	17329.0	1537.15	0.264	16.55	9.8	614.32	5.37	7.67	21.2	637.0	*
43	5/31/18	187.0	4009.14	0.041	6.70	4.0	653.98	6.71	7.91	24.7	551.0	*
44	5/31/18	836.0	65.60	0.049	0.13	3.6	9.63	6.33	7.46	14.3	729.0	*
45	5/15/18	15531.0	1371.65	0.371	20.75	86.0	4810.58	7.49	7.27	16.1	301.2	
46	5/30/18	41.0	83.21	0.062	0.21	6.8	23.07	6.55	7.26	21.5	604.0	
47	5/31/18	256.0	262.75	0.081	0.87	1.9	20.36	5.36	7.93	23.8	556.0	*
48	5/31/18	121.0	418.86	0.028	0.48	<1.0	nd	6.39	7.98	25.2	469.0	*
50	5/15/18	2046.0	927.60	0.494	18.69	53.0	2004.90	6.61	7.16	15.6	346.3	*
51	5/30/18	591.0	88.54	0.020	0.07	2.6	9.39	9.78	8.06	23.5	913.0	
52	5/15/18	2755.0	741.63	0.201	6.08	90.0	2721.98	6.13	7.41	17.1	305.0	*
53	5/15/18	1723.0	138.09	0.399	2.25	84.0	473.04	6.20	8.79	16.8	216.2	*

54	5/15/18	2481.0	nd	0.179	nd	3.2	nd	3.71	7.06	17.2	223.0	*
58	5/29/18	269.0	2829.13	0.092	10.61	8.2	946.07	8.19	7.85	24.4	630.0	*
59	5/29/18	249.0	5025.66	0.119	24.39	20.0	4099.01	7.76	781.00	23.7	686.0	*
61	5/15/18	5172.0	2453.82	0.612	61.24	97.0	9706.67	9.01	7.52	17.6	226.6	*
62	5/15/18	19863.0	6289.18	0.805	206.46	210.0	nd	9.19	7.43	16.9	264.2	*
63	5/31/18	85.0	nd	0.065	nd	<1.0	nd	5.31	7.85	23.8	557.0	*
64	5/31/18	1162.0	511.84	0.120	2.50	8.5	177.42	5.80	7.77	20.2	582.0	*
65	5/15/18	48392.0	nd	0.540	nd	64.0	nd	7.54	7.54	16.9	339.5	*
66	5/31/18	<10.0	1.44	0.236	0.01	2.2	0.13	8.86	7.73	20.6	4206.0	*
67	5/30/18	249.0	922.69	0.021	0.79	<1.0	nd	7.55	8.13	28.1	422.0	
68	5/15/18	3654.0	nd	0.300	nd	31.0	nd	7.90	7.54	17.2	350.9	*
69	5/15/18	39726.0	nd	0.374	nd	17.0	nd	7.56	7.59	16.8	359.5	*
70	5/15/18	12033.0	nd	0.615	nd	120.0	nd	7.82	7.48	16.2	316.4	*
71	5/15/18	10462.0	nd	0.573	nd	71.0	nd	7.44	7.35	17.2	232.0	*
72	5/30/18	63.0	25.50	0.076	0.08	8.4	8.74	7.43	7.29	22.2	550.0	
73	5/31/18	2014.0	56.26	0.204	0.47	25.0	57.36	6.41	7.68	24.6	397.0	*

* 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