

	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	7/27/22	378.4	86.06	0.076	0.27	26.0	91.25	6.7	7.84	62.0	687	
2	7/27/22	920.8	651.16	0.037	0.98	5.9	156.67	7.7	8.00	65.4	676	
4	7/27/22	101.4	1943.54	0.046	3.65	6.6	523.11	6.6	8.12	73.0	590	
5	7/27/22	101.7	1538.23	0.055	3.45	5.4	338.74	5.9	7.99	73.0	604	
6	7/27/22	349.0	1391.76	0.057	3.24	2.8	158.92	6.7	8.06	70.9	602	
7	7/27/22	254.8	1874.74	0.074	5.66	7.6	581.05	7.0	8.04	70.8	694	
8	7/27/22	387.3	2423.45	0.061	6.03	4.2	415.09	7.8	8.08	70.2	676	
10	7/27/22	22.3	4634.63	0.063	11.91	6.3	1190.72	8.4	8.31	75.1	620	
12	7/27/22	20.1	6856.96	0.038	10.63	4.0	1118.53	6.6	8.08	75.6	625	
14	7/28/22	24.3	6469.31	0.041	10.82	1.8	474.88	6.6	8.08	75.8	566	
15	7/28/22	1.0	4453.67	0.058	10.53	4.4	799.15	8.2	8.17	77.3	519	
16	7/28/22	65.7	6057.64	0.037	9.14	1.8	444.66	7.0	8.00	72.4	462	
17	7/22/22	13.5	nd	<.01	nd	2.0	nd	6.2	8.18	78.1	293	
19	7/22/22	517.2	11.13	0.076	0.03	13.6	6.17	6.9	8.07	70.7	802	
21	7/22/22	203.5	1676.64	0.023	1.57	<2.0	nd	4.5	7.90	76.6	603	
22	7/22/22	313.0	62.79	0.063	0.16	4.0	10.24	7.3	7.84	71.5	330	
24	7/22/22	56.5	nd	0.015	nd	3.2	nd	6.3	8.09	78.9	415	
25	7/22/22	90.8	684.08	0.012	0.33	2.2	61.37	7.1	8.03	80.1	331	
27	7/22/22	727.0	123.33	0.066	0.33	11.0	55.32	6.1	7.85	80.6	443	
28	7/22/22	980.4	269.91	0.113	1.24	28.0	308.20	8.0	8.09	73.2	465	
30	7/29/22	25.6	441.85	<.01	nd	2.2	39.64	6.5	7.83	75.9	329	
31	7/29/22	110.0	457.78	<.010	nd	5.2	97.08	7.5	7.94	72.6	358	
32	7/29/22	48.0	646.15	<.01	nd	4.0	105.40	7.0	8.23	76.2	369	
33	7/28/22	96.0	nd	0.040	nd	5.8	nd	10.8	8.41	75.5	521	
34	7/28/22	313.0	2252.21	0.103	9.46	7.0	642.93	8.2	7.70	71.2	544	
37	7/22/22	13.4	nd	0.010	nd	3.4	nd	8.8	8.41	80.1	441	
38	7/22/22	1046.2	388.09	0.014	0.22	2.4	37.98	4.9	7.52	80.9	307	
39	7/22/22	45.7	510.40	0.012	0.25	<.02	nd	7.7	8.60	80.1	286	
40	7/28/22	<1.0	nd	0.016	nd	1.9	nd	8.5	8.59	78.9	317	

* In last column 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

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	7/28/22	436.6	736.75	0.106	3.18	3.7	111.17	7.9	7.84	72.7	461	
43	7/28/22	68.9	2928.58	0.042	5.02	8.8	1050.98	8.2	8.45	78.2	415	
44	7/28/22	378.4	27.36	0.031	0.03	5.8	6.47	8.9	7.53	60.4	674	
45	7/22/22	547.5	30.98	0.075	0.09	7.2	9.10	5.2	7.72	69.0	614	
46	7/28/22	23.0	19.15	0.023	0.02	7.8	6.09	4.3	7.40	58.8	607	
47	7/29/22	727.0	46.82	0.087	0.17	5.8	11.07	7.2	7.94	70.2	470	
48	7/28/22	292.4	113.62	0.029	0.13	2.4	11.12	7.8	8.17	78.4	340	
50	7/26/22	228.2	38.10	0.084	0.13	5.1	7.92	5.0	7.63	62.9	650	
51	7/22/22	1299.7	99.22	0.003	0.01	<2	nd	8.0	7.91	70.1	769	
52	7/22/22	547.5	27.75	0.310	0.35	6.8	7.70	5.4	7.76	69.3	603	
53	7/22/22	344.8	6.48	0.246	0.07	216.0	57.08	6.5	7.23	59.4	615	
54	7/22/22	980.4	nd	0.109	nd	6.6	nd	11.1	7.37	69.3	315	
58	7/27/22	228.2	1233.78	0.045	2.26	2.0	100.63	6.8	8.06	72.2	604	
59	7/26/22	311.3	2597.40	0.080	8.47	7.8	826.21	7.3	7.90	68.8	656	
61	7/26/22	980.4	165.49	0.145	0.98	10.0	67.49	8.7	8.00	63.7	582	
62	7/26/22	870.4	112.50	0.158	0.72	12.0	55.05	8.6	8.13	64.9	469	
63	7/22/22	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
64	7/29/22	307.6	116.70	0.074	0.35	3.4	16.18	7.5	7.84	66.3	506	
65	7/26/22	1986.3	603.22	0.149	3.67	12.0	295.20	7.5	8.07	66.9	558	
68	7/26/22	1732.9	nd	0.124	nd	25.0	nd	8.0	8.05	65.7	577	
69	7/26/22	791.5	1112.14	0.127	5.76	7.7	349.23	7.6	8.07	66.7	564	
70	7/26/22	370.7	497.51	0.081	1.64	7.2	146.08	7.3	7.80	64.4	611	
72	7/22/22	8664.5*	4.81	0.121	0.02	31.0	6.08	9.1	7.50	76.2	528	
74*	7/13/22	150.0	nd	0.561	nd	11.5	nd	nd	7.49	nd	nd	
75*	7/13/22	93.3	nd	0.206	nd	2.6	nd	nd	6.86	nd	nd	
76	7/28/22	2.0	nd	0.017	nd	4.8	nd	8.58	8.51	79.9	356.0	

* In last column 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

*on site number indicated volunteer collected data

*on data indicates data is suspect, laboratory analysis was performed outside hold period