

	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	8/15/22	1533.1	414.43	0.098	1.66	35.0	591.53	7.7	7.75	60.2	656	*
2	8/15/22	5776.3*	878.27	0.089	3.19	18.0	644.70	7.9	7.89	61.8	588	*
4	8/15/22	73.8	1582.29	0.052	3.36	8.0	516.22	6.9	8.04	69.5	604	*
5	8/15/22	209.8	1169.06	0.058	2.77	7.2	343.26	6.9	7.98	68.4	626	*
6	8/15/22	248.1	1333.40	0.046	2.50	2.8	152.26	7.6	8.07	67.0	632	*
7	8/15/22	770.1	1816.18	0.085	6.30	9.1	673.99	7.4	8.03	66.3	713	*
8	8/15/22	365.4	2330.86	0.059	5.61	4.9	465.77	8.0	8.08	67.2	714	*
10	8/15/22	16.1	2626.39	0.045	4.82	4.9	524.82	7.6	7.67	71.2	684	*
12	8/22/22	146.7	5969.12	0.065	15.82	7.5	1825.69	9.1	7.76	73.5	638	*
14	8/22/22	54.6	6495.91	0.054	14.31	4.8	1271.56	7.6	7.97	73.5	560	*
15	8/22/22	6.3	3934.45	0.109	17.49	14.2	2278.39	8.3	8.29	75.1	521	*
16	8/22/22	125.9	4989.30	0.034	6.92	2.1	427.28	6.6	7.85	69.0	550	*
17	8/2/22	4.1	nd	0.021*	nd	1.9	nd	6.7	8.19	76.5	297	
19	8/2/22	238.2	280.27	0.057	0.65	5.3	60.58	7.6	8.02	66.5	755	
21	8/2/22	214.2	1259.60	0.024	1.23	1.0	51.37	5.4	7.84	72.8	624	
22	8/2/22	88.0	26.97	0.057	0.06	3.1	3.41	7.5	7.76	66.0	627	
24	8/2/22	28.2	nd	0.011*	nd	2.1	nd	5.6	7.98	76.8	556	
25	8/2/22	95.9	430.31	0.017*	0.30	2.8	49.14	6.5	7.81	76.9	385	
27	8/3/22	223.5	29.55	0.039	0.05	2.1	2.53	6.3	7.79	73.9	672	
28	8/3/22	816.4	90.33	0.113	0.42	25.0	92.09	7.6	8.05	70.3	480	
30	8/3/22	61.3	389.35	<.01*	nd	1.9	30.17	6.6	7.83	78.1	360	
31	8/3/22	270.0	236.01	0.015*	0.14	5.7	54.86	7.3	8.09	74.8	378	
32	8/3/22	16.1	120.41	<.01*	nd	2.6	12.77	7.0	8.35	77.8	375	
33	8/3/22	68.3	61.69	0.026	0.07	8.6	21.64	11.8	8.52	80.0	511	
34	8/3/22	436.6	1174.39	0.112	5.36	5.2	249.04	6.2	7.95	77.3	530	
37	8/3/22	18.5	nd	<.01*	nd	2.4	nd	7.5	8.39	78.3	435	
38	8/2/22	547.5	268.77	0.023	0.25	2.6	28.50	5.3	7.48	76.4	316	
39	8/2/22	9.7	149.75	0.014*	0.09	1.2	7.33	7.4	8.46	78.6	273	
40	8/22/22	2.0	nd	<.01*	nd	1.6	nd	7.6	8.48	75.8	328	*

* 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	8/4/22	648.8	588.69	0.110	2.64	3.1	74.42	5.8	7.80	71.8	535	
43	8/3/22	69.7	1829.34	0.041	3.06	9.8	731.10	8.5	8.44	82.8	409	
44	8/4/22	456.9	27.17	0.024	0.03	5.2	5.76	6.9	7.54	59.5	675	
45	8/2/22	nd	no flow	nd	nd	nd	nd	nd	nd	nd	nd	
46	8/3/22	60.2	23.34	<.01*	nd	<1	nd	6.4	7.47	59.6	612	
47	8/3/22	410.6	37.69	0.090	0.14	2.1	3.23	6.4	8.14	76.2	457	
48	8/3/22	172.3	77.61	<.01*	nd	2.9	9.18	6.9	8.15	79.6	350	
50	8/4/22	1986.3	13.92	0.152	0.09	17.0	9.65	5.1	7.81	72.6	672	
51	8/2/22	579.4	77.09	<.01*	nd	<1	nd	9.4	8.06	65.9	802	
52	8/2/22	872.0	4.68	0.279	0.05	18.0	3.44	6.2	7.80	67.2	616	
53	8/2/22	11.0	6.22	0.093	0.02	68.0	17.25	7.2	7.14	57.8	571	
54	8/2/22	344.8	nd	0.102	nd	2.4	nd	4.8	7.38	67.0	364	
58	8/4/22	307.6	1008.10	0.032	1.32	2.0	82.22	7.0	8.15	74.5	642	
59	8/4/22	456.4	2054.62	0.061	5.11	4.8	402.19	6.4	8.02	73.5	840	
61	8/4/22	1119.9	57.81	0.081	0.19	7.8	18.39	7.7	8.16	69.8	492	
62	8/4/22	1413.6	46.47	0.090	0.17	5.4	10.23	7.5	8.14	70.3	601	
63	8/3/22	365.4	nd	0.095	nd	11.0	nd	5.8	7.91	78.6	484	
64	8/3/22	275.5	73.34	0.080	0.24	3.7	11.07	7.4	8.11	72.1	575	
65	8/4/22	2419.6	573.40	0.136	3.18	5.9	137.96	7.0	8.23	74.7	597	
68	8/4/22	686.7	nd	0.080	nd	5.0	nd	7.4	8.25	74.6	609	
69	8/4/22	686.7	723.52	0.115	3.39	4.2	123.92	7.2	8.24	75.2	596	
70	8/4/22	522.6	400.63	0.070	1.14	12.0	196.06	7.0	7.96	70.6	635	
72	8/2/22	2423.3*	3.57	0.050	0.01	8.8	1.28	9.3	7.81	74.7	578	
74*	9/12/22	689.3	nd	0.102	nd	4.0	nd	nd	7.57	nd	nd	*
75*	9/12/22	574.8	nd	0.258	nd	15.0	nd	nd	6.81	nd	nd	*
76	8/4/22	2.0	nd	<.01*	nd	1.8	nd	7.73	8.64	79.7	391.0	

* 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

*after site number indicated volunteer collected data

*after E-coli data indicates data is suspect, laboratory analysis was performed outside hold period

*after T.-phos data indicates result below quantification limit, data is suspect