

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 *
1	7/23/24	1158.8	171.62	0.037	0.26	38.0	265.95	8.1	7.74	61.9	866	
2	7/23/24	821.2	788.84	0.078	2.51	6.0	193.02	9.8	7.94	66.7	820	
4	7/23/24	167.2	722.28	0.054	1.59	21.0	618.56	7.7	7.95	75.3	659	
5	7/23/24	119.6	1546.71	0.026	1.64	9.0	567.68	7.4	7.85	69.3	693	
7	7/23/24	203.8	2922.66	<.007*	nd	4.2	500.59	6.8	7.81	72.5	838	
8	7/23/24	383.6	2414.91	0.048	4.73	3.4	334.84	8.3	7.99	72.1	809	
10	7/23/24	14.8	1802.17	0.055	4.04	5.4	396.87	9.0	8.28	77.4	661	
12	7/23/24	6.2	2802.64	0.046	5.26	7.0	800.06	10.5	8.35	77.3	652	
14	7/24/24	27.5	2938.81	<.007*	nd	8.0	958.78	6.7	7.97	76.2	619	
15	7/24/24	2.0	3246.06	<.007*	nd	11.0	1456.15	4.7	8.32	77.7	616	
16	7/24/24	113.0	3580.35	<.007*	nd	11.0	1606.10	6.2	7.88	71.9	626	
17	7/25/24	5.2	nd	<.007*	nd	2.2	nd	7.1	8.18	76.2	314	
19	7/25/24	387.3	239.06	0.038	0.37	6.2	60.44	7.3	7.96	65.5	922	
21	7/25/24	38.4	986.35	0.007	0.28	<2.0*	nd	4.3	7.73	72.4	681	
22	7/25/24	410.6	88.60	0.085	0.31	4.4	15.90	2.7	7.45	69.0	795	
24	7/25/24	2.0	nd	<.007*	nd	3.8	nd	7.5	8.05	76.6	628	
25	7/25/24	193.5	1048.52	<.007*	nd	2.8	119.73	4.7	7.53	76.1	376	
26	7/24/24	78.5	50.84	<.007*	nd	14.0	29.03	6.8	8.04	76.9	451	
27	7/24/24	161.6	12.82	0.030	0.02	20.0	10.46	8.0	7.94	76.3	750	
28	7/24/24	980.4	53.04	<.007*	nd	13.0	28.12	7.5	8.10	72.2	497	
30	7/24/24	36.8	415.90	<.007*	nd	2.7	45.79	6.8	7.82	79.0	418	
31	7/24/24	270.0	299.96	<.007*	nd	3.5	42.81	7.4	8.07	75.6	436	
32	7/24/24	27.2	560.03	<.007*	nd	2.0	nd	7.5	8.31	79.0	413	
33	7/30/24	98.8	nd	0.028	nd	4.0	nd	9.1	8.15	76.9	578	*
34	7/30/24	547.5	832.14	0.049	1.66	3.0	101.81	4.0	7.57	73.2	507	*
35	7/24/24	52.9	27.53	<.007*	nd	<2.0*	nd	6.3	8.17	77.3	447	
37	7/24/24	86.2	nd	<.007*	nd	1.6	nd	8.4	8.40	78.4	488	
38	7/25/24	125.9	237.80	0.013	0.13	<2.0*	nd	4.0	7.28	73.3	359	
39	7/25/24	62.0	1375.09	0.011	0.62	2.4	134.59	7.1	8.25	77.7	343	

* 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, loading will not be calculated

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40	7/24/24	1.0	nd	<.007*	nd	2.1	nd	7.7	8.54	76.4	370	
42	7/30/24	>8,065.3*	382.03	0.414	6.45	14.0	218.11	4.9	7.66	72.2	655	*
43	7/30/24	235.9	1441.36	0.020	1.18	6.0	352.68	6.8	8.00	78.6	440	*
44	7/30/24	1119.9	22.05	0.009	0.01	5.2	4.68	6.7	7.42	61.8	763	*
45	7/25/24	1841.6	nd	0.105	nd	36.0	nd	7.2	7.85	62.2	700.0	
46	7/24/24	204.6	29.58	<.007*	nd	1.1	nd	8.3	7.52	62.0	683	
47	7/30/24	1732.9	48.46	0.082	0.16	4.6	9.09	5.9	7.86	72.6	554	*
48	7/23/24	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
50	7/25/24	574.8	5.95	0.085	0.02	9.6	2.33	8.1	7.90	71.5	716	
51	7/24/24	156.5	30.48	0.027	0.03	1.2	1.49	9.5	8.00	63.9	916	
52	7/25/24	>4839.2*	8.79	0.130	0.05	12.0	4.30	6.2	7.75	65.0	659	
53	7/25/24	6.3	87.43	0.012	0.04	3.2	11.41	6.8	7.21	57.1	772	
54	7/25/24	65.0	nd	0.082	nd	5.8	nd	2.2	7.19	64.6	427.0	
58	7/23/24	254.8	2702.52	0.034	3.75	4.6	506.97	7.4	7.90	73.8	694	
61	7/30/24	467.4	240.98	0.083	0.82	11.0	108.10	7.2	7.90	69.6	618	*
62	7/25/24	206.4	422.93	0.090	1.55	4.2	72.44	8.4	8.04	68.2	654	
63	7/30/24	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
64	7/30/24	>1,119.9*	44.65	0.081	0.15	5.6	10.20	5.7	7.79	69.6	635	*
65	7/25/24	1046.2	890.88	0.098	3.56	4.4	159.86	8.4	8.18	71.7	684	
68	7/30/24	579.4	nd	0.076	nd	5.2	nd	7.4	8.13	80.3	644	*
69	7/30/24	435.2	1043.91	0.114	4.85	3.2	136.23	6.7	8.08	74.1	682	*
70	7/30/24	624.0	484.56	0.051	1.01	6.4	126.47	8.0	7.84	71.3	741	*
72	7/25/24	166.0	nd	0.031	nd	5.8	nd	5.3	7.17	69.7	690	
76	7/23/24	2.0	nd	<.007*	nd	2.3	nd	8.4	8.63	82.9	443	

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