

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	5/21/25	1046.2	826.99	0.037	1.25	9.9	333.88	11.3	7.81	53.2	729	*
2	5/21/25	729.0	636.56	0.019	0.49	3.6	93.45	10.7	8.08	53.6	713	*
3	5/21/25	38.4	725.92	0.035	1.04	2.0	59.21	9.1	8.10	59.5	630	*
4	5/21/25	238.2	1067.83	0.019	0.83	2.6	113.22	9.1	7.95	58.4	652	*
5	5/21/25	214.3	769.50	0.030	0.94	5.7	178.87	8.8	8.05	58.7	678	*
7	5/21/25	1085.0	1996.07	0.133	10.83	25.0	2035.03	9.3	8.11	58.3	1110	*
8	5/21/25	613.1	1802.16	0.109	8.01	15.0	1102.40	10.3	8.15	57.9	813	*
9	5/23/25	44.1	nd	0.036	nd	4.0	nd	8.2	8.19	58.5	677	*
10	5/23/25	579.5	nd	0.068	nd	4.6	nd	7.5	7.85	56.1	749	*
11	5/23/25	248.1	nd	0.039	nd	3.6	nd	7.7	8.22	57.9	670	*
12	5/23/25	201.4	4623.15	0.028	5.28	3.0	565.61	7.3	8.02	56.9	678	*
13	5/23/25	7.4	nd	0.023	nd	3.7	nd	6.7	8.24	61.1	646	*
14	5/23/25	18.3	4013.63	0.027	4.42	3.3	540.14	7.8	7.97	59.6	650	*
15	5/23/25	1.0	3541.29	0.031	4.48	5.3	765.41	8.4	8.32	59.7	614	*
16	5/23/25	58.3	4883.49	0.022	4.38	4.0	796.61	9.6	8.21	59.4	549	*
17	5/30/25	17.5	nd	0.057	nd	<1.0	nd	11.4	8.69	64.7	401	
19	5/30/25	131.4	239.66	0.060	0.59	3.5	34.21	8.5	8.02	63.8	818	
21	5/29/25	18.7	641.87	0.056	1.47	<1.0	nd	12.1	8.44	62.1	638	
22	5/29/25	410.6	27.08	0.061	0.07	2.8	3.09	10.0	8.11	60.9	966	
24	5/30/25	298.7	nd	0.033	nd	4.3	nd	14.6	8.68	68.1	858	
25	5/29/25	107.6	279.34	0.017	0.19	1.9	21.64	7.8	8.11	63.1	471	
26	5/27/25	19.6	40.60	0.085	0.14	21.0	34.77	10.3	9.03	64.0	609	
27	5/27/25	166.4	63.60	0.094	0.24	19.0	49.28	9.3	8.16	59.7	715	
28	5/27/25	27.5	819.44	0.041	1.37	3.5	116.96	9.7	8.13	65.5	723	
29	5/29/25	35.9	2994.11	0.011	1.34	1.3	158.73	8.4	8.21	63.5	451	
30	5/27/25	45.0	131.81	0.017	0.09	2.3	12.36	9.6	8.04	67.3	618	
31	5/27/25	53.7	153.49	0.044	0.28	3.9	24.41	9.6	8.38	66.5	409	
32	5/27/25	13.4	257.41	0.011	0.12	<1.0	nd	9.7	8.39	67.1	615	
33	5/27/25	22.6	538.75	0.018	0.40	6.6	145.01	11.8	8.45	64.4	821	
34	5/27/25	35.0	1249.00	0.042	2.14	2.9	147.71	12.5	8.14	62.8	620	
35	5/27/25	5.2	64.74	0.040	0.11	4.1	10.82	11.2	8.78	62.4	443	
37	5/29/25	21.3	nd	<0.010	nd	2.5	nd	10.6	8.51	62.0	501	
38	5/29/25	119.8	212.52	0.018	0.16	1.4	12.13	6.1	7.65	63.3	427	
39	5/29/25	28.8	963.66	0.017	0.67	<1.0	nd	9.6	8.58	63.4	426	

* 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

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 *
40	5/29/25	<1.0	nd	0.011	nd	<1.0	nd	10.1	8.65	62.8	450	
42	5/23/25	219.0	2021.42	0.043	3.54	5.5	453.39	10.8	8.21	58.4	545	
43	5/28/25	93.2	3963.69	0.025	4.04	3.0	484.93	9.9	8.39	63.2	723	
44	5/23/25	146.7	66.65	0.027	0.07	4.7	12.77	8.4	8.00	56.8	706	*
45	5/30/25	1841.6	27.05	0.125	0.14	6.0	6.62	8.9	7.97	58.2	650	
46	5/29/25	125.9	29.69	<0.010	nd	<1.0	nd	11.2	7.84	56.1	551	
47	5/28/25	108.1	106.70	0.031	0.13	2.6	11.31	8.4	8.32	62.0	480	
48	5/28/25	19.40	2.69	0.081	0.01	<2.0	nd	7.38	7.54	58.5	467	
50	5/28/25	1413.6	24.36	0.055	0.05	14.0	13.91	7.1	7.47	56.2	723	
51	5/27/25	248.1	57.98	0.015	0.04	1.8	4.26	9.2	8.02	59.4	1118	
52	5/30/25	127.6	30.57	0.113	0.14	5.7	7.11	8.1	7.97	61.3	864	
53	5/30/25	14.4	15.43	0.136	0.09	2.2	1.38	8.2	7.43	53.9	749	
54	5/30/25	98.7	nd	0.038	nd	1.0	nd	3.9	7.54	56.4	375.5	
58	5/28/25	148.8	1057.53	0.022	0.95	3.0	129.38	9.1	8.18	60.7	927	
61	5/28/25	816.4	242.68	0.177	1.75	6.7	66.31	8.5	8.10	56.6	545	
62	5/28/25	387.3	83.73	0.172	0.59	3.1	10.59	9.5	8.20	57.6	520	
64	5/28/25	456.9	47.10	0.088	0.17	7.8	14.98	8.3	8.03	58.0	816	
65	5/28/25	130.9	1427.41	0.061	3.55	3.3	192.10	8.9	8.26	58.6	622	
68	5/28/25	228.2	nd	0.051	nd	4.8	nd	10.0	8.28	58.4	629	
69	5/28/25	99.1	2245.01	0.051	4.67	2.2	201.42	9.4	8.29	58.8	608	
70	5/28/25	244.6	592.82	0.044	1.06	5.5	132.97	8.1	7.91	56.7	648	
72	5/29/25	19.6	5.67	0.044	0.01	6.4	1.48	12.0	7.74	61.7	731	
74	5/30/25	83.4	62.89	0.275	0.71	12.0	30.78	1.9	7.45	54.3	705	
75	5/30/25	34.2	nd	0.159	nd	2.4	nd	3.1	7.08	56.7	323	
76	5/28/25	5.2	nd	<0.010	nd	3.6	nd	10.4	8.74	62.4	522	

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