

ROCK RUN CREEK CR 34

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/11/2021	8:45						6.62	0.609	11	770	N
5/18/2021	8:40						4.59	0.164	3	770	N
5/25/2021	8:40	17.3	6.11	734	7.89	49.90	4.56	0.197	5	517	N
6/1/2021	8:40	13.3	7.15	740	7.97	52.69	4.62	0.182	2	770	N
6/8/2021	9:00	18.4	5.93	736	7.93	47.23	4.43	0.296	2	687	Y
6/15/2021	8:40	16.1	6.86	743	7.96	43.22	4.58	0.419	3	1203	N
6/22/2021	8:30	13.9	7.05	711	7.97	44.38	9.18	0.721	11	2481	N
6/29/2021	8:40	19.7	4.01	587	7.61	30.15	5.85	1.17	5	1112	Y
7/6/2021	8:40	18.2	6.74	748	7.97	41.41	4.55	0.32	6	1300	N
7/13/2021	8:35	17.1	6.64	740	7.96	45.87	4.83	0.494	4	2420	N
7/20/2021	8:40	16.1	6.95	749	8.02	45.12	4.44	0.21	4	1300	N
7/27/2021	8:30	17.4	6.80	755	7.92	36.97	4.33	0.421	4	2723	N
8/3/2021	8:25	15.6	7.14	745	8.12	44.51	4.31	0.312	3	1300	N
8/10/2021	8:40	20.1	6.07	528	7.80	43.14	4.40	1.94	41	241960	Y
8/17/2021	8:25	16.7	7.05	754	8.04	51.01	4.01	0.44	5	1187	N
8/24/2021	8:45	18.4	6.65	748	8.06	52.51	4.76	0.478	3	1120	N
8/31/2021	8:35	16.8	6.76	745	8.09	54.49	4.12	0.188	3	1259	N
9/7/2021	8:25	15.4	7.14	736	8.20	49.55	5.52	0.062	NS	NS	N
9/14/2021	8:40	18.2	6.58	742	8.14	50.04	5.97	0.25	4	2933	N
9/21/2021	8:40	18.7	6.65	742	8.13	59.61	5.14	0.260	3	1314	N
9/28/2021	8:40	14.7	7.33	767	8.15	59.09	4.99	0.287	5	1935	N

PINE CREEK CR 18

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/11/2021	9:05						4.00	0.609	18	687	N
5/18/2021	9:10						3.58	0.24	5	326	N
5/25/2021	9:00	17.8	7.76	691	8.26	59.97	3.35	0.3	7	727	N
6/1/2021	9:00	13.4	8.30	689	8.90	70.88	3.42	0.31	6	816	N
6/8/2021	9:25	18.5	7.34	664	8.18	62.37	2.99	0.362	1785	5	Y
6/15/2021	9:05	16.1	7.63	682	8.29	58.65	2.98	0.339	14	1300	N
6/22/2021	8:55	14.2	7.41	627	8.17	54.95	5.93	0.396	16	6488	N
6/29/2021	9:10	20.9	5.93	497	7.84	37.56	3.68	0.816	23	4106	Y
7/6/20201	9:00	19.6	6.83	599	8.13	53.30	3.28	0.475	46	1046	N
7/13/2021	9:00	17.0	7.58	674	8.20	53.42	3.72	0.401	13	1553	N
7/20/2021	9:05	16.5	7.52	695	8.23	64.58	3.78	0.229	8	1414	N
7/27/2021	8:55	17.5	7.41	684	8.21	47.89	3.43	0.261	11	2419	N
8/3/2021	8:05	15.7	7.56	686	8.31	58.68	3.12	0.215	12	980	N
8/10/2021	9:00	21.4	6.38	678	8.01	20.55	1.73	1.5	240	12033	Y
8/17/2021	8:50	17.3	7.38	653	8.29	63.31	1.54	0.263	11	613	N
8/24/2021	9:10	18.7	7.47	675	8.30	67.49	3.26	0.769	10	1120	N
8/31/2021	9:00	17.2	7.58	683	8.35	68.01	2.87	0.205	10	3448	N
9/7/2021	9:25	15.6	7.42	682	8.45	68.96	3.54	0.231	NS	NS	N
9/14/2021	9:05	18.3	7.34	680	8.43	74.91	3.44	0.26	4	649	N
9/21/2021	9:10	18.6	7.29	684	8.36	84.21	3.25	0.262	5	546	N
9/28/2021	9:10	15.3	7.70	688	8.30	68.03	3.75	0.28	6	462	N

PINE CREEK WYLAND & ROSKE

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/11/2021	9:20						spilled sample in lab		8	866	N
5/18/2021	9:25						2.99	0.168	4	365	N
5/25/2021	9:20	17.5	7.30	697	8.17	63.16	2.86	0.222	4	687	N
6/1/2021	9:15	13.1	7.36	695	8.21	77.66	2.75	0.219	3	517	N
6/8/2021	9:35	17.6	5.89	675	8.07	65.63	2.33	0.209	3	1246	Y
6/15/2021	9:20	15.1	6.54	696	8.11	68.55	2.26	0.616	16	1414	N
6/22/2021	9:05	14.0	5.83	635	8.13	63.58	4.10	0.475	15	7701	N
6/29/2021	9:20	20.8	5.10	496	7.88	41.28	3.29	0.856	27	488	Y
7/6/2021	9:15	18.7	5.86	620	8.13	59.91	2.59	0.351	19	816	N
7/13/2021	9:15	16.6	6.66	681	8.05	65.92	3.06	0.261	14	1414	N
7/20/2021	9:15	16.1	7.10	690	8.14	78.68	2.94	0.164	14	1986	N
7/27/2021	9:05	17.0	6.11	689	8.24	52.25	2.76	0.184	7	1120	N
8/3/2021	9:00	15.1	6.52	691	8.26	70.83	2.54	0.176	8	866	N
8/10/2021	9:15	20.9	5.75	278	8.10	31.64	2.16	1.97	318	20980	Y
8/17/2021	9:00	16.8	6.31	665	8.23	70.62	2.01	0.198	14	345	N
8/24/2021	9:30	18.1	6.84	686	8.24	81.34	2.57	0.13	7	921	N
8/31/2021	9:15	16.7	6.80	630	8.21	79.84	2.10	0.252	6	520	N
9/7/2021	9:35	15.3	6.51	693	8.40	74.93	2.80	0.136	NS	NS	N
9/14/2021	9:20	17.8	6.45	691	8.42	78.85	2.69	0.154	3	2481	N
9/21/2021	9:20	18.1	6.75	690	8.21	91.58	2.57	0.158	3	663	N
9/28/2021	9:25	15.0	7.16	694	8.19	84.70	2.99	0.233	4	448	N

HEATON LAKE IDEAL BEACH

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/11/2021	9:35						0.180	0.136		9	N
5/18/2021	9:40						0.176	0.073		73	N
5/25/2021	9:45	24.9	8.48	349.9	8.34	18.48	0.275	0.146		73	N
6/1/2021	9:30	19.0	8.67	331.3	8.55	24.75	0.198	0.102		12	N
6/8/2021	9:50	25.2	8.51	222.5	8.84	23.27	0.155	0.156		35	Y
6/15/2021	9:35	24.3	8.00	255.4	9.29	18.59	0.165	0.136		44	N
6/22/2021	9:20	22.7	6.72	248.1	9.06	21.27	0.209	0.122		61	N
6/29/2021	9:40	26.5	7.45	247.7	9.08	18.11	0.181	0.087		613	Y
7/6/2021	9:30	27.2	6.78	250.0	8.90	19.62	0.299	0.156		0	N
7/13/2021	9:30	23.4	4.30	254.2	8.13	20	0.229	0.116		26	N
7/20/2021		Site not accessible									
7/27/2021	9:20	26.7	6.37	287.7	8.36	15.42	0.264	0.192		326	N
8/3/2021		Site not accessible									
8/10/2021	9:30	25.8	7.01	277.4	8.55	23.8	0.261	0.164		76000	Y
8/17/2021	9:10	Site not accessible									
8/24/2021	9:45	28.4	6.78	303.9	8.56	20.91	0.296	0.056		4884	N
8/31/2021	9:35	27.1	6.08	284.4	8.47	21.66	0.281	0.048		129	N
9/7/2021	9:45	24.0	6.37	336.9	8.42	26.12	0.281	0.075	NS		N
9/14/2021	9:40	24.2	7.34	325.7	8.64	27.89	0.314	0.132		1376	N
9/21/2021	9:40	23.2	6.21	312.7	8.45	29.42	0.205	0.079		5199	N
9/28/2021	10:05	19.5	6.98	325.7	8.50	34.53	0.317	0.130		146	N

HEATON LAKE 22880 LAKE SHORE DRIVE

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/11/2021	9:45						0.177	0.122		1	N
5/18/2021	9:50						0.180	0.089		4	N
5/25/2021	9:55	24.2	8.71	361	8.57	19.21	0.242	0.109		17	N
6/1/2021	9:40	18.2	8.80	349.5	8.48	25.02	0.193	0.101		11	N
6/8/2021	10:00	24.5	7.44	283.9	8.87	21.96	0.148	0.352		8	Y
6/15/2021	9:45	23.7	6.90	307.5	8.35	22.09	0.142	0.727		4	N
6/22/2021	9:30	21.7	6.24	266.3	9.01	21.69	0.161	0.11		8	N
6/29/2021	9:50	25.5	5.84	269	8.47	17.39	0.192	0.099		10	Y
7/6/2021	9:40	26.8	8.49	259.1	8.88	17.66	0.295	0.086		13	N
7/13/2021	9:40	23.2	7.49	366	7.47	22.18	0.247	0.165		1	N
7/20/2021	9:30	24.9	4.28	321.16	8.09	20.55	0.257	0.096		3	N
7/27/2021		site not accessible									
8/3/2021	9:30	24.5	4.46	340.4	8.06	28.61	0.214	0.101		3	N
8/10/2021	9:35	24.6	4.61	429.5	7.86	30.52	0.259	0.127		722	Y
8/17/2021	9:20	25.0	6.15	622.6	8.36	23.07	0.208	0.071		10	N
8/24/2021	9:55	27.7	4.25	330.7	8.25	21.03	0.307	0.031		2	N
8/31/2021	9:45	27.0	5.36	327.8	8.48	23.44	0.274	0.062		3	N
9/7/2021	9:55	23.6	5.76	348.1	8.33	20.19	0.343	0.071	NS		N
9/14/2021	9:50	24.0	5.66	352	8.51	25.05	0.297	0.076		3	N
9/21/2021	9:55	22.9	4.72	342.1	8.34	26.13	0.205	0.058		5	N
9/28/2021	10:15	19.5	6.70	347.5	8.24	24.43	0.386	0.182		1	N

SIMONTON LAKE 51093 BEACH DRIVE

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/11/2021	10:00						0.166	0.116		53	N
5/18/2021	10:10						0.496	0.088		11	N
5/25/2021	10:10	25.5	6.67	393.2	8.25	28.73	0.363	0.106		4	N
6/1/2021	9:55	18.6	8.15	376.4	8.41	33.72	0.41	0.098		10	N
6/8/2021	10:15	25.5	5.67	368.3	8.40	29.95	0.131	0.126		6	Y
6/15/2021	10:00	24.4	6.31	360.7	8.49	29.17	0.147	2.35		14	N
6/22/2021	9:40	21.5	6.61	339.1	8.66	35.30	0.136	0.151		225	N
6/29/2021	10:05	26.2	6.73	318.6	8.60	28.52	0.179	0.094		20	Y
7/6/2021	9:55	26.8	7.05	329.5	8.66	29.66	0.258	0.224		32	N
7/13/2021	9:50	22.8	6.64	334.2	8.67	29.71	0.282	0.294		73	N
7/20/2021	9:50	25.8	6.90	331.6	8.75	30.82	0.281	0.084		15	N
7/27/2021	9:30	4:48	6.87	342.5	8.65	28.11	0.298	0.11		54	N
8/3/2021	9:35	24.2	6.61	344.0	8.67	36.89	0.254	0.101		10	N
8/10/2021	9:50	25.4	5.39	323.1	8.61	32.72	0.196	0.11		980	Y
8/17/2021	9:30	24.9	6.65	329.6	8.68	38.02	0.199	0.076		26	N
8/24/2021	10:10	27.7	6.41	349.5	8.57	33.11	0.26	0.021		135	N
8/31/2021	10:00	26.6	6.02	353.1	8.58	34.60	0.184	0.025		23	N
9/7/2021	10:10	22.4	6.28	34.53	8.74	30.52	0.168	0.058	NS		N
9/14/2021	10:05	24.1	7.88	345.0	8.84	43.82	0.209	0.097		30	N
9/21/2021	10:15	23.0	6.41	352.6	8.60	40.53	0.11	0.066		83	N
9/28/2021	10:30	19.2	7.32	342.2	8.72	452.90	0.221	0.071		15	N

SIMONTON LAKE 51330 SR 19

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/11/2021	10:10						0.473	0.125		10	N
5/18/2021	10:25						0.673	0.076		30	N
5/25/2021	10:25	23.6	5.64	417.2	8.08	29.23	0.632	0.075		23	N
6/1/2021	10:10	18.6	6.90	410.7	8.19	33.92	0.601	0.08		9	N
6/8/2021	10:30	24.2	6.81	407.5	8.25	30.58	0.129	0.108		49	Y
6/15/2021	10:10	24.7	6.82	405.8	8.35	31.00	0.341	0.198		3	N
6/22/2021	9:50	22.6	6.78	391.3	8.40	35.56	0.292	0.084		34	N
6/29/2021	10:20	25.4	8.10	371.5	8.58	35.33	0.276	0.064		84	Y
7/6/2021	10:05	26.1	6.49	366.8	8.44	32.25	0.785	0.084		41	N
7/13/2021	10:05	23.3	6.07	373.9	8.42	36.14	0.340	0.081		248	N
7/20/2021	10:00	25.0	6.37	366.0	8.55	34.90	0.306	0.056		12	N
7/27/2021	9:45	26.3	5.13	364.9	8.41	29.70	0.273	0.057		13	N
8/3/2021	9:50	24.6	7.04	361.7	8.47	38.00	0.254	0.061		22	N
8/10/2021	10:00	25.5	6.43	346.5	8.42	35.33	0.282	0.055		331	Y
8/17/2021	9:45	24.7	6.55	346.5	8.54	40.22	0.279	0.008		308	N
8/24/2021	10:20	27.5	7.81	344.1	8.71	36.02	0.358	0.013		238	N
8/31/2021	10:15	26.2	6.59	346.2	8.63	39.28	0.281	0.005		42	N
9/7/2021	10:30	23.2	6.93	348.5	8.73	40.61	0.223	0.056	NS		N
9/14/2021	10:25	24.2	7.16	340.0	8.12	41.42	0.220	0.045		82	N
9/21/2021	10:30	22.9	6.01	354.5	8.59	40.77	0.135	0.036		101	N
9/28/2021	10:40	18.3	8.14	346.8	8.65	43.18	0.255	0.105		63	N

CHRISTIANA CREEK CR 4

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/11/2021	10:20						0.416	0.110	2	61	N
5/18/2021	10:35						1.64	0.103	3	101	N
5/25/2021	10:50	22.6	7.73	459.0	8.24	19.58	1.63	0.094	3	137	N
6/1/2021	10:20	17.0	7.99	452.7	8.28	22.32	1.54	0.102	4	133	N
6/8/2021	10:40	25.2	6.95	436.0	8.14	19.14	1.5	0.142	6	276	Y
6/15/2021	10:25	21.7	7.23	427.4	8.18	19.35	1.38	0.185	13	210	N
6/22/2021	10:00	19.5	7.47	404.4	8.25	22.24	0.893	0.099	6	41	N
6/29/2021	10:30	24.3	6.41	380.2	8.28	18.58	0.599	0.082	8	326	Y
7/6/2021	10:15	25.3	6.55	369.3	8.07	20.97	0.816	0.112	4	114	N
7/13/2021	10:15	22.2	7.07	397.6	8.10	20.21	1.11	0.200	4	214	N
7/20/2021	10:10	23.2	6.97	403.1	8.22	20.29	0.987	0.081	NS	179	N
7/27/2021	9:55	24.5	6.56	403.9	8.23	16.43	0.888	0.099	4	150	N
8/3/2021	10:00	22.0	6.88	408.2	8.28	21.25	0.814	0.097	3	120	N
8/10/2021	10:10	23.7	6.99	356.7	8.16	20.44	0.787	0.093	6	1414	Y
8/17/2021	9:55	23.5	7.05	396.6	8.33	24.13	0.687	0.055	5	102	N
8/24/2021	10:30	25.3	6.53	415.2	8.32	23.41	0.949	0.046	3	291	N
8/31/2021	10:25	24.3	6.0	407.3	8.39	22.75	0.787	0.041	4	156	N
9/7/2021	10:40	21.1	7.31	422.6	8.42	23.83	1.04	0.062	NS	NS	N
9/14/2021	10:35	22.1	7.14	430.0	8.41	26.78	0.945	0.872	2	156	N
9/21/2021	10:40	21.4	5.93	438.4	8.40	29.80	1.21	0.017	2	248	N
9/28/2021	10:55	18.1	7.44	433.3	8.32	33.17	0.98	0.051	4	210	N

BAUGO CREEK CR 3

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/11/2021	10:04						18.30	0.634	18	4106	N
5/18/2021	11:00						11.60	0.283	4	210	N
5/25/2021	11:20	21.2	7.06	708	8.14	64.50	6.84	0.474	3	142	N
6/1/2021	10:50	15.3	7.10	749	8.33	74.60	8.99	0.504	1	291	N
6/8/2021	11:05	21.0	6.75	699	8.08	61.05	12.50	0.941	11	24196	Y
6/15/2021	10:55	19.8	5.83	676	8.26	65.40	5.12	0.792	3	308	N
6/22/2021	10:25	16.7	6.34	675	8.17	57.92	18.90	0.908	18	24196	N
6/29/2021	11:00	21.8	5.99	491	7.75	36.59	14.90	1.36	65	2359	Y
7/6/2021	10:40	22.9	6.38	622	8.16	58.83	7.58	0.89	5	461	N
7/13/2021	10:45	19.9	6.99	736	8.29	67.54	6.81	0.929	2	387	N
7/20/2021	10:40	20.5	7.85	676	8.31	71.57	4.94	0.603		579	N
7/27/2021	10:15	21.6	7.11	681	8.22	56.30	1.63	0.575	4	291	N
8/3/2021	10:30	18.4	5.73	711	8.21	84.68	1.98	0.612	2	260	N
8/10/2021	10:35	22.0	5.80	391	8.04	54.63	1.35	1.2	63	6488	Y
8/17/2021	10:00	19.8	5.88	654	0.24	72.92	1.42	1.17	7	548	N
8/24/2021	11:00	22.4	6.61	706	8.27	86.62	1.35	1.15	8	261	N
8/31/2021	10:50	20.8	5.59	696	8.32	94.55	1.21	1.59	4	178	N
9/7/2021	11:05	23.2	7.01	402	8.38	34.62	1.24	0.971	NS	NS	N
9/14/2021	11:05	20.4	6.93	729	8.56	97.25	1.17	0.124	2	150	N
9/21/2021	11:05	19.5	5.78	721	8.30	102.80	1.05	0.95	2	1635	N
9/28/2021	11:20	16.4	5.93	626	8.40	88.13	1.42	0.998	4	146	N

YELLOW CREEK CONCORD HIGH SCHOOL

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/13/2021	8:30						11.0	0.327	4.8	1047	N
5/20/2021	8:30	16.5	5.88	777	7.94	67.02	5.34	0.338	3.17	727	N
5/27/2021	8:40	16.2	5.42	798	7.92	82.43	temp not maintained		5.33	2420	N
6/3/2021	8:55	15.3	6.72	792	8.02	77.72	6.45	0.438	6.75	2755	N
6/10/2021	8:30	18.7	5.58	724	7.71	63.57	11.5	0.087	26.5	11199	N
6/17/2021	8:40	16.1	5.80	789	8.04	67.40	3.26	0.52	7.5	816	N
6/24/2021	8:25	16.3	6.68	786	8.07	67.72	11	0.563	12.22	2755	N
7/1/2021	8:40	20.9	5.21	577	7.62	52.75	8.7	1.58	25	579	Y
7/8/2021	8:30	20.1	5.93	684	7.80	69.84	6.23	0.985		5794	Y
7/15/2021	8:25	19.6	6.50	759	7.99	71.51	7.1	0.989	18	4106	N
7/22/2021	8:25	17.1	6.50	782	8.02	69.99	2.62	0.351	6.3	1086	N
7/29/2021	8:25	19.6	6.22	738	7.98	67.64	1.67	0.447	13	3654	Y
8/5/2021	8:40	17.0	6.33	784	8.03	65.35	1.41	0.37	15.3	921	N
8/12/2021	8:40	21.2	6.41	618	7.96	58.69	3.14	1.12	34.5	6131	Y
8/19/2021	8:25	18.7	6.45	777	8.04	74.18	1.76	0.421	9.6	1120	N
8/26/2021	8:35	20.4	5.66	728	7.99	78.72	1.38	0.559	10	NS	Y
9/2/2021	8:25	16.3	6.25	779	8.05	85.23	1.32	0.348	6.67	548	N
9/9/2021	8:20	15.8	6.37	780	8.06	173.31	1.27	0.392	12.8	435	N
9/16/2021	8:30	15.3	6.42	779	8.14	171.49	1.32	0.343	6.5	365	N
9/23/2021	8:40	13.0	6.85	737	8.06	103.54	2.190	0.811	10.5	17329	Y
9/30/2021	8:35	14.1	6.14	782	7.96	80.83	1.87	0.412	10.7	NS	N

YELLOW CREEK CR 138

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/13/2021	8:55						19.2	0.422	2.8	980	N
5/20/2021	8:55	15.5	4.87	921	7.76	98.83	16.7	0.412	1	921	N
5/27/2021	9:05	15.1	4.31	965	7.79	119.8	temp not maintained		2.57	76000	N
6/3/2021	9:20	15.1	5.64	956	7.88	96.9	16.6	0.634	14	4165	N
6/10/2021	9:00	19.2	4.11	961	7.90	97.58	14.9	0.598	2	3448	N
6/17/2021	9:10	15.6	5.35	1020	8.30	130.49	10.3	1.41	3.33	1733	N
6/24/2021	8:50	16.5	6.15	1075	7.96	132.83	19.9	0.763	5.13	2489	N
7/1/2021	9:05	21.6	4.37	635	7.42	62.95	14	1.61	17.7	1203	Y
7/8/2021	9:00	21.7	4.73	755	7.72	77.53	12	1.29	26.3	76000	Y
7/15/2021	8:50	20.9	5.9	902	7.86	105.95	12.4	1.27	7.75	2420	N
7/22/2021	8:45	18.4	5.1	917	8.08	104.15	8.98	1.2	8.3	2247	N
7/29/2021	8:55	21.4	4.68	820	7.88	121.86	5.5	1.67	9.5	76000	Y
8/5/2021	9:00	18.2	6.08	965	8.12	113.4	6.73	1.26	66.5	1935	N
8/12/2021	9:00	21.5	5.4	551	7.74	60.9	6.67	3.85	174	120980	Y
8/19/2021	8:50	20.5	4.22	1069	8.11	156.64	6.07	1.39	12.3	1986	N
8/26/2021	9:00	22.1	3.84	941	8.13	152.96	2.74	1.71	24	NS	Y
9/2/2021	8:45	17.0	4.22	1232	8.30	246.71	4.02	2	7.2	24196	N
9/9/2021	road closed by highway department, site not accessible										
9/16/2021	8:50	16.2	3.97	1230	8.22	147.76	3.98	2.44	133	411	N
9/23/2021	9:00	12.9	5.86	778	8.10	138.49	2.23	3.13	33.5	241960	Y
9/30/2021	9:00	15.0	2.80	1262	8.06	262.29	2.010	2.12	26	NS	N

BERLIN COURT DITCH CR 15

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/13/2021	9:35						13.5	0.36	4.25	461	N
5/20/2021	9:45	17.1	7.20	875	7.78	113.76	10.4	0.302	0.9	291	N
5/27/2021	9:45	16.2	9.55	735	8.07	117.34	temp not maintained		0.88	411	N
6/3/2021	10:05	17.1	7.55	849	8.18	120.2	9.01	0.428	2.13	122	N
6/10/2021	9:40	21.5	5.43	765	7.63	92.67	11.4	0.512	2.25	249	N
6/17/2021	9:55	18.2	5.96	956	7.92	159.67	11.5	0.464	1.25	345	N
6/24/2021	9:40	17.3	6.08	811	7.96	112.77	10.5	0.508	1.13	2420	N
7/1/2021	9:40	21.5	5.12	502	7.41	57.6	8.87	1.17	17.7	649	Y
7/8/2021	9:45	21.6	4.62	338	7.57	45.12	5.04	1.15	33	76000	Y
7/15/2021	9:45	21.1	6.34	719	8.76	89.18	6.87	1.01	22.75	1203	N
7/22/2021	9:25	19.0	6.32	899	7.76	117.86	11.4	0.867	4	411	N
7/29/2021	9:30	23.0	5.71	856	7.94	121.04	12.6	0.607	8.75	2419	Y
8/5/2021	9:35	19.8	6.27	904	8.01	147.58	10.5	0.421	1.88	173	N
8/12/2021	9:45	23.0	5.90	295	8.01	45.34	2.39	1.65	2.55	86645	Y
8/19/2021	9:25	21.8	4.38	988	7.96	165.99	9.34	0.619	8.2	308	N
8/26/2021	9:30	23.3	4.01	543	8.01	105.89	4.61	0.866	4.25	NS	Y
9/2/2021	9:10	17.4	4.52	952	8.18	180.61	11.9	0.602	1.5	156	N
9/9/2021	9:10	17.0	2.57	906	8.04	148.55	7.49	0.474	2.25	131	N
9/16/2021	9:20	15.8	3.54	1020	8.11	151.11	8.12	0.442	3.25	70	N
9/23/2021	9:25	13.8	5.70	486	8.08	80.05	3.01	1.1	14.17	120980	Y
9/30/2021	9:30	14.1	4.81	1013	7.92	177.75	2.42	0.847	1.5	NS	N

TURKEY CREEK CR 50

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/13/2021	9:55						7.36	0.204	15.75	548	N
5/20/2021	10:10	16.9	6.57	640	7.94	41.83	2.76	0.133	4.14	308	N
5/27/2021	10:10	17.1	5.37	622	8.01	54.74	temp not maintained		7.86	649	N
6/3/2021	10:25	15.8	5.79	735	8.08	54.62	3.59	0.134	5	146	N
6/10/2021	10:00	20.9	5.71	624	7.89	50.77	6.43	0.149	14.5	1986	N
6/17/2021	10:20	18.1	6.84	719	8.08	54.54	2.37	0.177	6.75	345	N
6/24/2021	10:00	17.9	6.13	623	8.05	47.20	4.33	0.179	7.5	866	N
7/1/2021	10:00	20.9	6.05	552	7.55	41.92	8.88	0.732	21	687	Y
7/8/2021	10:05	21.7	4.99	424	7.72	39.83	4.84	0.776	52.5	17329	Y
7/15/2021	10:05	21.1	6.61	620	7.95	50.68	3.98	0.812	13	461	N
7/22/2021	9:40	19.7	5.79	620	8.11	53.50	2.44	0.312	10.75	435	N
7/29/2021	9:45	21.7	5.41	699	8.08	50.49	2.37	0.127	5.13	1120	Y
8/5/2021	9:50	19.4	6.65	747	8.12	54.96	2.46	0.133	2.33	365	N
8/12/2021	10:00	22.5	4.99	544	8.05	52.99	1.95	0.382	31.5	4940	Y
8/19/2021	9:50	22.4	6.38	589	8.11	53.29	1.67	0.143	4.8	345	N
8/26/2021	9:40	23.2	6.01	715	8.13	74.36	2.97	7.97	4	NS	Y
9/2/2021	9:30	18.4	6.02	730	8.28	73.26	2.09	0.152	3.38	108	N
9/9/2021	9:30	18.0	6.27	745	8.30	175.09	2.64	0.211	4.25	387	N
9/16/2021	9:40	17.2	6.80	784	8.26	173.61	2.12	0.151	5.5	387	N
9/23/2021	9:40	13.7	6.78	593	8.13	77.06	1.71	0.407	6.5	17329	Y
9/30/2021	9:50	16.0	6.54	724	8.23	63.52	1.01	0.512	2.13	NS	N

TURKEY CREEK CR 46

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/13/2021	10:15						8.07	0.242	14.5	308	N
5/20/2021	10:40	17.1	7.13	645	7.97	41.7	3.02	0.151	10.3	166	N
5/27/2021	10:35	17.5	6.00	639	8.00	58.67	temp not maintained		8.33	687	N
6/3/2021	11:00	16.0	5.65	736	8.14	55.22	4.11	0.169	5.17	179	N
6/10/2021	10:25	21.3	6.14	637	7.94	52.71	6.01	0.142	21.25	2420	N
6/17/2021	10:50	18.4	6.75	717	8.14	53.33	2.52	0.231	11.17	276	N
6/24/2021	10:15	18.0	4.90	590	8.19	42.79	4.56	0.228	6.13	1120	N
7/1/2021	10:20	21.0	3.97	554	7.64	43.14	9.36	0.784	21.5	770	Y
7/8/2021	10:30	21.5	5.54	445	7.73	38.65	3.6	1	51.5	76000	Y
7/15/2021	10:35	21.2	6.72	688	8.02	49.28	5.12	0.987	12	488	N
7/22/2021		Bridge closed									
7/29/2021	10:00	21.7	4.79	747	7.99	46.42	2.43	0.171	0.67	1414	Y
8/5/2021	10:15	18.9	6.12	737	8.12	58.66	2.57	0.135	1.75	387	N
8/12/2021	10:25	22.4	5.47	539	8.12	49.67	2.01	0.308	14.5	49020	Y
8/19/2021	10:25	22.4	6.48	598	8.14	52.69	1.78	0.152	5.2	387	N
8/26/2021	10:10	22.2	3.31	683	8.10	74.53	2.75	0.766	16.25	NS	Y
9/2/2021	10:00	17.7	6.84	708	8.25	58.46	1.76	0.188	3.63	308	N
9/9/2021	10:10	17.6	6.73	744	8.29	174.32	2.63	0.177	4.5	219	N
9/16/2021	10:10	17.0	6.78	830	8.29	172.12	2.41	0.146	3	179	N
9/23/2021	10:05	13.9	5.97	608	8.24	89.84	2.08	0.564	8.14	17240	Y
9/30/2021	10:20	15.8	6.74	727	8.23	78.92	2.14	0.612	1.88	NS	N

DAUSMAN DITCH CR 19

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/13/2021	10:05						26.3	0.438	8.2	727	N
5/20/2021	10:25	17.0	8.95	825	7.33	70.69	16.3	0.457	6.5	816	N
5/27/2021	10:20	15.9	8.23	820	7.82	79.52	temp not maintained		3.17	76000	N
6/3/2021	10:35	16.3	8.01	817	8.07	83.02	18	0.563	3.5	980	N
6/10/2021	10:10	19.6	6.91	828	7.87	81.55	17.4	0.592	6.13	1553	N
6/17/2021	10:30	15.4	6.79	776	7.84	66.55	6.27	0.517	9.17	770	N
6/24/2021	10:30	16.9	7.84	846	7.95	77.29	13.7	0.704	3.88	1780	N
7/1/2021	10:10	19.8	6.88	773	7.54	67.22	22	1.34	16	1986	Y
7/8/2021	10:20	19.9	5.80	726	7.53	62.12	18.3	2.09	32.5	76000	Y
7/15/2021	10:20	20.0	6.27	887	7.87	77.65	15.2	1.81	7.83	3446	N
7/22/2021	9:50	17.4	7.12	841	7.88	77.53	8.61	0.453	9.5	2420	N
7/29/2021	10:25	18.9	6.22	792	7.81	61.8	3.87	0.905	23	36350	Y
8/5/2021	10:00	15.1	6.38	817	7.74	68.89	4.74	0.832	17.8	1300	N
8/12/2021	10:10	20.4	4.50	824	7.84	94.46	2.84	3.7	91.3	60165	Y
8/19/2021	10:05	16.4	5.55	754	7.73	54.87	4.68	0.751	7	299	N
8/26/2021	9:55	21.6	4.29	451	7.77	73.29	4.07	5.39	44.5	NS	Y
9/2/2021	9:45	14.0	5.94	752	7.86	62.8	4.69	1.28	90	261	N
9/9/2021	9:45	13.5	4.82	727	7.85	181.5	4.77	0.337	7.25	1414	N
9/16/2021	9:55	13.1	4.84	711	7.76	184.49	3.98	0.531	7.5	980	N
9/23/2021	9:55	12.8	4.68	835	7.84	143.99	4.49	5.49	13.5	120980	Y
9/30/2021	10:05	13.0	5.53	819	7.83	81.4	3.54	0.612	15.5	NS	N

SWOVELAND DITCH CR 19

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/13/2021	10:25						23.4	0.631	4.3	1553	N
5/20/2021	10:50	16.7	6.21	829	7.97	65.98	19.8	0.734	2.5	1986	N
5/27/2021	11:25	16.9	5.66	1283	8.00	106.97	temp not maintained		3.83	76000	N
6/3/2021	11:30	17.5	7.91	855	8.00	77.71	22.1	0.951	3.25	1553	N
6/10/2021	10:40	20.7	4.92	911	7.73	76.72	21.4	0.969	2.25	1733	N
6/17/2021	11:30	17.5	6.61	914	8.04	97.5	18.3	1.31	15.7	1733	N
6/24/2021	10:45	18.0	6.84	857	8.05	74.44	18.2	1.25	4.25	1314	N
7/1/2021	10:30	20.0	7.61	760	7.61	60.466	22.3	0.997	10.3	1046	Y
7/8/2021	11:05	20.1	6.11	728	7.66	61.85	17	1.15	9.2	19863	Y
7/15/2021	11:10	21.1	5.24	947	7.89	76.34	19.1	0.999	3	2934	N
7/22/2021	10:25	18.6	4.72	843	7.95	79.09	14	0.706	11	1210	N
7/29/2021	10:10	21.4	4.73	756	7.59	80.49	7.74	0.724	21	5475	Y
8/5/2021	10:25	18.8	3.94	914	7.90	123.84	7.43	0.854	28	1733	N
8/12/2021	10:50	22.3	5.13	531	7.97	72.92	5.13	3.35	94	60165	Y
8/19/2021	10:35	21.2	3.08	847	7.91	102.58	5.92	1.16	20.5	2247	N
8/26/2021	10:20	23.0	4.25	1033	8.08	212.98	0.589	1.97	6.4	NS	Y
9/2/2021	10:30	18.4	4.97	792	8.08	102.9	0.665	1.44	27.5	1664	N
9/9/2021	10:00	17.4	4.22	895	8.04	160.73	0.384	0.738	21	6131	N
9/16/2021	10:20	17.6	4.07	842	7.98	165.98	0.398	0.914	33	121	N
9/23/2021	10:15	12.7	6.28	862	8.14	163.84	3.7	0.269	9.75	120980	Y
9/30/2021	11:00	14.3	4.92	982	8.10	140.29	0.401	0.312	17	NS	N

ELKHART RIVER BAINVERTOWN

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E. COLI	WET
5/13/2021	10:40						2.84	0.189	6.5	104	N
5/20/2021	11:15	19.9	2.29	589	7.91	40.7	1.21	0.218	1.5	109	N
5/27/2021	11:00	19.5	4.1	597	7.86	49.46	temp not maintained		1.8	59	N
6/3/2021	11:10	18.1	3.36	607	7.89	42.2	1.28	0.334	3.6	108	N
6/10/2021	10:55	23.2	2.69	607	7.97	41.58	1.07	0.299	9.67	276	N
6/17/2021	11:10	20.8	2.90	623	7.96	40.4	1.44	0.276	4.8	219	N
6/24/2021	10:55	18.7	3.91	627	8.14	42.62	4.1	0.25	3.25	166	N
7/1/2021	10:40	22.1	6.31	512	7.97	42.56	3.45	0.676	7.5	1733	Y
7/8/2021	10:50	23.0	3.63	558	7.95	44.5	1.84	0.318	4.75	579	Y
7/15/2021	10:50	22.5	3.82	569	7.93	42.02	1.54	0.412	7	201	N
7/22/2021	10:30	21.5	5.31	563	8.15	48.8	1.45	0.384	4.8	135	N
7/29/2021	10:40	24.5	3.72	561	8.01	38.26	1.29	0.27	4.5	816	Y
8/5/2021	10:40	21.3	5.43	585	8.07	43.73	1.3	0.183	2.83	178	N
8/12/2021	10:35	23.6	3.30	547	8.11	41.94	1.68	0.249	6.17	866	Y
8/19/2021	10:45	22.7	4.31	542	8.16	45.27	1.43	0.222	10.6	88	N
8/26/2021	10:35	24.9	3.35	572	8.11	54.47	1.3	14.1	12	NS	Y
9/2/2021	10:10	20.4	3.13	569	8.08	56.6	1.47	0.956	11.8	1203	N
9/9/2021	10:30	19.1	2.84	589	8.04	175.7	1.1	0.176	25	50	N
9/16/2021	10:40	18.4	1.34	587	7.91	59.13	1.01	0.217	53	14	N
9/23/2021	10:30	14.4	5.57	489	8.18	62.63	1.09	5.05	164	1733	Y
9/30/2021	10:35	16.3	3.24	616	8.00	56.7	1.02	0.343	4.13	NS	N

ELKHART RIVER INDIANA AVE (GOSHEN)

DATE	TIME	TEMP	DO	SPC	PH	CHLORIDES	NITRATES	PHOSPHORUS	TSS	E.COLI	WET
5/13/2021	11:00						5.72	0.216	5.5	161	N
5/20/2021	11:40	19.3	9.06	611	8.18	40.72	1.73	0.173	5	33	N
5/27/2021	12:00	20.9	7.56	629	8.13	50.3	temp not maintained		7	93	N
6/3/2021	11:50	18.7	8.38	618	8.22	49.77	1.93	0.237	8.8	67	N
6/10/2021	11:20	23.8	7.46	629	8.05	56.83	1.67	0.301	4.83	133	N
6/17/2021	11:45	21.6	6.69	648	8.24	52.31	1.86	0.302	6	93	N
6/24/2021	11:25	19.1	7.62	622	8.17	50.77	4.94	0.278	6.83	291	N
7/1/2021	11:10	22.2	6.37	556	7.92	54.14	6.68	0.596	10	921	Y
7/8/2021	11:30	23.1	6.91	580	8.06	53.21	2.01	0.295	7.5	649	Y
7/15/2021	11:35	22.4	7.58	585	8.13	54.71	2.01	0.312	9.75	276	N
7/22/2021	10:55	22.1	7.26	599	8.24	54.53	1.83	0.268	6.25	112	N
7/29/2021	11:20	24.7	7.94	602	8.24	50.97	1.51	0.236	3.5	649	Y
8/5/2021	11:00	21.4	7.87	620	8.27	55.85	1.31	0.187	2.17	96	N
8/12/2021	11:05	23.7	6.36	559	8.22	48.28	1.70	0.262	6	1120	Y
8/19/2021	11:15	23.1	7.45	578	8.28	56.44	1.53	0.224	4.3	88	N
8/26/2021	11:15	25.4	7.38	606	8.22	66.55	1.43	0.284	4.7	NS	Y
9/2/2021	10:55	20.5	6.63	624	8.22	74.34	1.21	0.258	8.6	613	N
9/9/2021	10:50	19.3	6.99	653	8.28	178.77	1.71	0.223	6.3	62	N
9/16/2021	11:05	19.2	7.08	672	8.28	177.25	1.54	0.210	4	152	N
9/23/2021	10:50	14.9	7.55	633	8.27	72.59	1.55	0.375	9.8	1300	Y
9/30/2021	11:20	17.0	7.49	638	8.28	65.11	1.45	0.302	10.83	NS	N