

MS4 - Data Report

Date	Time	Temp	SpC	DO	pH	NO3	PO4	Cl2	TSS	E Coli	Raining	Wet Event
Bristol St - Christiana Creek												
4/7/2009	10:50 AM	6.11	416	12.01	9.4	1.7	0.186	5.2	4	0	☐	☒
4/14/2009	11:50 AM	7.84	429	10.97	10.62	0.7	0.184	10	3	0	☐	☒
4/21/2009	10:25 AM	9.41	434	11.13	10.84	1.1	0.125	10.8	2	0	☒	☒
4/28/2009	11:05 AM	13.81	420	9.76	11.24	1.2	0.166	13.6	4	0	☒	☒
5/5/2009	11:40 AM	15.10	435	10.27	10.85	1.2	0.156	5.2	3	0	☐	☐
5/12/2009	11:30 AM	14.35	426	10.74	9.32	1.5	0.116	9.6	4	0	☐	☐
5/19/2009	10:55 AM	15.20	422	9.62	12.02	1.4	0.24	6.8	4	0	☐	☐
5/26/2009	11:05 AM	17.97	464	10.06	0	1.3	0.081	15.2	6	0	☐	☐
6/2/2009	11:15 AM	17.90	463	7.81	0	0.8	0.015	11.6	6	0	☐	☒
6/9/2009	10:40 AM	18.34	460	7.98	0	1.5	0.031	17.6	6	0	☐	☐
6/16/2009	10:40 AM	19.80	451	5.66	0	1.3	0	10.8	7	0	☐	☐
6/23/2009	10:45 AM	23.92	444	7.66	0	0.7	0.011	7.2	8	0	☐	☐
6/30/2009	10:35 AM	20.78	459	10.36	0	1.6	0.167	13.6	10	0	☐	☐
7/7/2009	11:10 AM	0.00	0	0	0	1.2	0.01	10.4	6	0	☐	☐
7/14/2009	11:05 AM	0.00	0	0	0	0.6	0.045	12.4	7	0	☐	☐
7/21/2009	11:00 AM	0.00	0	0	0	0.5	0.004	16	6	0	☐	☐
7/28/2009	11:30 AM	0.00	0	0	0	1.4	0.021	14	5	0	☐	☐
8/4/2009	11:15 AM	0.00	0	0	0	0.8	0.021	15.6	5	0	☐	☐
8/11/2009	11:15 AM	0.00	0	0	0	1.3	0.011	14.4	5	0	☐	☐
8/18/2009	11:20 AM	0.00	0	0	0	1.2	3.89	12.4	7	0	☐	☒
8/25/2009	10:40 AM	0.00	0	0	0	0.2	0.034	8.1	6	0	☐	☐
9/1/2009	10:45 AM	0.00	0	0	0	1.5	0.028	14	5	0	☐	☐
9/8/2009	10:30 AM	0.00	0	0	0	0.6	0	15.2	5	0	☐	☐
9/15/2009	10:30 AM	0.00	0	0	0	1.2	0.008	11.6	3	0	☐	☐
9/22/2009	10:50 AM	0.00	0	0	0	2.1	0.014	12.8	3	0	☐	☐
CR 17 - Pine Creek												
4/7/2009	10:00 AM	4.18	381	11.77	8.76	3.2	0.632	7.2	27	418	☐	☒
4/14/2009	10:50 AM	6.98	631	10.68	9.69	3.1	0.215	22.4	6	312	☒	☒
4/21/2009	9:50 AM	8.05	626	10.88	10.95	3.7	0.223	15.2	6	495	☐	☒
4/28/2009	10:30 AM	13.36	613	9.25	11.15	3.8	0.181	40	14	983	☐	☒
5/5/2009	11:00 AM	11.83	664	10.81	12.2	4.2	0.219	10	6	88	☐	☐
5/12/2009	10:40 AM	10.46	645	12.75	10.22	4.1	0.034	13.6	7	227	☐	☐
5/19/2009	10:20 AM	12.23	607	9.52	11.68	3.1	0.21	14.8	11	335	☐	☐

Date	Time	Temp	SpC	DO	pH	NO3	PO4	Cl2	TSS	E Coli	Raining	Wet Event
5/26/2009	10:30 AM	13.40	673	9.88	0	2.2	0.164	27.2	9	256	☐	☐
6/2/2009	10:35 AM	14.06	647	8.78	0	3.2	0.072	16.4	8	12700	☐	☒
6/9/2009	10:00 AM	14.51	657	9.1	0	4	0.079	34	8	510	☐	☐
6/16/2009	10:05 AM	14.67	655	6.62	0	4.2	0.116	23.6	14	920	☐	☐
6/23/2009	10:05 AM	17.12	667	9.05	0	4	0.123	21.2	19	840	☐	☐
6/30/2009	9:55 AM	14.81	692	11.43	0	4.8	0.11	26.8	0	0	☐	☐
7/7/2009	10:35 AM	0.00	0	0	0	3.5	0.078	30.8	6	680	☐	☐
7/14/2009	10:30 AM	0.00	0	0	0	3.4	0.049	35.6	5	695	☐	☐
7/21/2009	10:25 AM	0.00	0	0	0	3.4	0.056	32.4	3	530	☐	☐
7/28/2009	10:45 AM	0.00	0	0	0	4.3	0.056	32	4	537	☐	☐
8/4/2009	10:40 AM	0.00	0	0	0	3.8	0.06	31.6	4	830	☐	☐
8/11/2009	10:30 AM	0.00	0	0	0	4	0.077	14	5	876	☐	☐
8/18/2009	10:50 AM	0.00	0	0	0	2.3	0.755	25.2	54	18900	☐	☒
8/25/2009	10:00 AM	0.00	0	0	0	4.1	0.173	27.6	10	680	☐	☐
9/1/2009	10:10 AM	0.00	0	0	0	3.8	0.128	30.4	6	580	☐	☐
9/8/2009	10:00 AM	0.00	0	0	0	2.9	0.083	27.6	9	417	☐	☐
9/15/2009	9:55 AM	0.00	0	0	0	3.9	0.062	24.4	10	1320	☐	☐
9/22/2009	10:15 AM	0.00	0	0	0	5.3	0.077	25.2	6	755	☐	☐

CR 18 - Pine Creek

4/7/2009	9:50 AM	4.06	434	11.34	9.01	3.2	0.548	10	28	410	☐	☒
4/14/2009	10:30 AM	6.80	612	10.31	9.88	3.4	0.261	20.8	6	264	☐	☒
4/21/2009	9:40 AM	7.88	611	11.3	11.67	4.2	0.176	17.2	5	369	☐	☒
4/28/2009	10:15 AM	13.48	592	8.67	12.85	4	0.123	18.8	13	1320	☒	☒
5/5/2009	10:45 AM	11.19	652	10.36	12.36	4.5	0.122	9.2	7	88	☐	☐
5/12/2009	10:20 AM	9.44	637	11.3	9.94	5.1	0.208	15.2	7	282	☐	☐
5/19/2009	10:05 AM	11.84	588	8.96	11.6	2.4	0.035	7.2	12	282	☐	☐
5/26/2009	10:15 AM	13.25	662	9.31	0	6.2	0.201	25.6	10	496	☐	☐
6/2/2009	10:25 AM	14.09	639	8.51	0	3.7	0.105	23.6	10	4200	☐	☒
6/9/2009	9:55 AM	14.40	648	9.59	0	4.7	0.124	36	9	730	☐	☐
6/16/2009	9:50 AM	14.41	647	6.55	0	4.8	0.096	26.4	20	1385	☐	☐
6/23/2009	9:55 AM	16.92	654	9.28	0	4.6	0.152	15.6	19	1405	☐	☐
6/30/2009	9:45 AM	14.74	682	15.02	0	5.5	0.122	29.2	0	0	☐	☐
7/7/2009	10:25 AM	0.00	0	0	0	5.1	0.079	30.4	8	1075	☐	☐
7/14/2009	10:20 AM	0.00	0	0	0	4.1	0.088	33.6	10	540	☐	☐
7/21/2009	10:15 AM	0.00	0	0	0	3.6	0.073	34.8	7	611	☐	☐
7/28/2009	10:35 AM	0.00	0	0	0	5.3	0.104	29.2	6	605	☐	☐

Date	Time	Temp	SpC	DO	pH	NO3	PO4	Cl2	TSS	E Col	Raining	Wet Event
8/4/2009	10:25 AM	0.00	0	0	0	4.2	0.095	31.6	7	545	☐	☐
8/11/2009	10:20 AM	0.00	0	0	0	4.2	0.125	26	7	601	☐	☐
8/18/2009	10:40 AM	0.00	0	0	0	2.5	0.649	24.8	34	21300	☐	☒
8/25/2009	9:50 AM	0.00	0	0	0	2.3	0.204	30	22	690	☐	☐
9/1/2009	9:55 AM	0.00	0	0	0	3.3	0.149	30	13	689	☐	☐
9/8/2009	9:50 AM	0.00	0	0	0	3.7	0.116	26	8	765	☐	☐
9/15/2009	9:45 AM	0.00	0	0	0	4.1	0.097	23.2	7	392	☐	☐
9/22/2009	10:05 AM	0.00	0	0	0	4.7	0.1	22.4	5	443	☐	☐

CR 21 - Rock Run

4/7/2009	8:30 AM	4.07	423	12.08	5.22	4	1.35	11.2	34	829	☐	☒
4/14/2009	8:30 AM	6.85	631	10.57	7.94	4	0.354	22.8	7	300	☐	☒
4/21/2009	8:25 AM	7.95	611	10.84	8.07	4.7	0.444	22.8	9	630	☐	☒
4/28/2009	8:55 AM	13.81	591	8.88	11.15	4.2	0.247	19.6	13	1072	☐	☒
5/5/2009	8:45 AM	11.10	660	10.8	11.3	4	0.335	6.4	4	204	☐	☐
5/12/2009	8:50 AM	9.70	611	10.81	8.25	4.4	0.168	13.6	3	193	☐	☐
5/19/2009	8:45 AM	11.77	592	9.83	8.98	4.9	0.614	7.6	16	620	☐	☐
5/26/2009	8:35 AM	8.94	775	12.26	0	43	0.233	32	10	381	☐	☐
6/2/2009	8:50 AM	15.28	633	8.45	0	3.5	0.13	28.4	13	1080	☒	☒
6/9/2009	8:45 AM	15.67	658	9.44	0	4	0.181	32.4	6	760	☐	☐
6/16/2009	8:25 AM	15.61	651	9.59	0	4.4	0.147	26	10	682	☐	☐
6/23/2009	8:45 AM	17.65	667	9.25	0	5.2	0.284	18.8	15	875	☐	☐
6/30/2009	8:35 AM	14.89	707	12.86	0	4.2	0.084	28.8	0	0	☐	☐
7/7/2009	9:00 AM	0.00	0	0	0	3.9	0.089	34	3	573	☐	☐
7/14/2009	8:45 AM	14.97	536	9.07	7.81	2	0.066	32	3	458	☐	☐
7/21/2009	6:45 PM	0.00	0	0	0	3.5	0.064	48.4	3	6700	☐	☐
7/28/2009	8:50 AM	0.00	0	0	0	3.7	0.115	38	5	630	☐	☐
8/4/2009	9:20 AM	0.00	0	0	0	2.7	0.092	36.4	5	650	☐	☐
8/11/2009	9:10 AM	0.00	0	0	0	3.1	0.177	28.4	5	770	☐	☐
8/18/2009	9:15 AM	0.00	0	0	0	3.7	0.072	17.2	50	33200	☐	☒
8/25/2009	8:50 AM	0.00	0	0	0	3.3	0.245	25.4	13	1230	☐	☐
9/1/2009	8:55 AM	0.00	0	0	0	3.8	0.3	32.8	14	569	☐	☐
9/8/2009	8:55 AM	0.00	0	0	0	3.2	0.134	32	7	527	☐	☐
9/15/2009	8:50 AM	0.00	0	0	0	3.7	0.062	34	3	466	☐	☐
9/22/2009	9:05 AM	0.00	0	0	0	4	0.069	31.2	3	463	☐	☐

CR 23 - Pine Creek

4/7/2009	9:40 AM	4.63	534	10.25	8.16	4.6	1.38	10.8	31	441	☐	☒
4/14/2009	10:15 AM	7.07	625	10.03	9.92	3.9	0.218	14.8	6	205	☐	☒

Date	Time	Temp	SpC	DO	pH	NO3	PO4	Cl2	TSS	E Coli	Raining	Wet Event
4/21/2009	9:25 AM	7.63	612	10.43	10.39	4.6	0.26	0	9	1005	☐	☒
4/28/2009	10:00 AM	12.86	586	8.7	10.42	3.9	0.231	14.4	11	5625	☐	☒
5/5/2009	10:30 AM	11.17	664	10.14	10.6	3	0.251	12.4	5	120	☐	☐
5/12/2009	10:00 AM	9.61	643	14.49	9.28	5.8	0.242	11.2	5	141	☐	☐
5/19/2009	9:50 AM	7.73	674	11.52	10.85	5.1	0.151	6	10	370	☐	☐
5/26/2009	10:05 AM	13.22	665	8.56	0	5.2	0.201	20.8	10	546	☐	☐
6/2/2009	10:15 AM	13.59	648	8.3	0	4	0.133	18	10	2600	☐	☒
6/9/2009	9:45 AM	14.06	655	8.15	0	5	0.178	15.6	11	515	☐	☐
6/16/2009	9:40 AM	14.09	651	6.4	0	5.5	0.121	20.4	10	700	☐	☐
6/23/2009	9:45 AM	16.38	664	8.78	0	4.2	0.157	16.4	13	860	☐	☐
6/30/2009	9:35 AM	14.53	693	11.49	0	5.4	0.195	27.2	0	0	☐	☐
7/7/2009	10:15 AM	0.00	0	0	0	5.4	0.087	22	8	1100	☐	☐
7/14/2009	10:05 AM	13.32	533	8.64	7.98	4	0.129	25.6	12	910	☐	☐
7/21/2009	10:05 AM	0.00	0	0	0	4.2	0.134	24	6	705	☐	☐
7/28/2009	10:25 AM	0.00	0	0	0	5.5	0.134	21.6	7	675	☐	☐
8/4/2009	10:15 AM	0.00	0	0	0	6.1	0.144	25.6	7	645	☐	☐
8/11/2009	10:10 AM	0.00	0	0	0	3.9	0.205	20	8	965	☐	☐
8/18/2009	10:35 AM	0.00	0	0	0	3.2	0.676	23.6	22	39000	☐	☒
8/25/2009	9:40 AM	0.00	0	0	0	4.8	0.019	22.5	5	455	☐	☐
9/1/2009	9:50 AM	0.00	0	0	0	3.8	0.154	25.6	7	745	☐	☐
9/8/2009	9:45 AM	0.00	0	0	0	4.2	0.123	21.2	8	1035	☒	☐
9/15/2009	9:40 AM	0.00	0	0	0	3.8	0.128	20.4	38	585	☐	☐
9/22/2009	9:55 AM	0.00	0	0	0	5.7	0.14	20.8	7	619	☐	☐

CR 27 - Pine Creek

4/7/2009	9:25 AM	4.59	548	10.49	8.1	7.6	0.506	11.6	29	365	☐	☒
4/14/2009	10:00 AM	6.91	629	10.85	10.05	5.8	0.272	15.2	7	2140	☐	☒
4/21/2009	9:10 AM	7.37	606	10.88	10.53	5.9	0.423	12.4	7	1642	☐	☒
4/28/2009	9:45 AM	12.70	597	9.71	10.41	5	0.236	15.2	12	6775	☒	☒
5/5/2009	10:10 AM	10.80	670	10.76	13.6	7	0.162	6	5	120	☐	☐
5/12/2009	9:45 AM	9.06	644	13.21	9.4	7.6	0.164	12.4	4	158	☐	☐
5/19/2009	9:30 AM	10.88	630	9.54	10.11	6.9	0.214	8.4	12	302	☐	☐
5/26/2009	9:25 AM	12.54	689	8.77	0	6.8	0.112	21.6	11	498	☐	☐
6/2/2009	10:05 AM	11.78	680	9.61	0	6.3	0.122	17.2	11	4300	☐	☒
6/9/2009	9:35 AM	13.72	674	8.88	0	7	0.065	19.6	11	560	☐	☐
6/16/2009	9:20 AM	13.54	610	6.69	0	7.5	0.104	18.4	13	1015	☐	☐
6/23/2009	9:35 AM	15.31	692	10.11	0	6.8	0.068	16.8	16	970	☐	☐
6/30/2009	9:25 AM	14.09	598	15.07	0	7.6	0.066	22.4	0	0	☐	☐

Date	Time	Temp	SpC	DO	pH	NO3	PO4	Cl2	TSS	E Coli	Raining	Wet Event
7/7/2009	9:55 AM	0.00	0	0	0	7.5	0.107	22.8	7	1360	☐	☐
7/14/2009	10:00 AM	12.95	526	9.7	7.96	6.9	0.047	28.4	10	1222	☐	☐
7/21/2009	9:55 AM	0.00	0	0	0	6.6	0.041	26	15	1270	☐	☐
7/28/2009	10:15 AM	0.00	0	0	0	6.4	0.077	22.8	5	970	☐	☐
8/4/2009	10:10 AM	0.00	0	0	0	5.9	0.043	28	6	885	☐	☐
8/11/2009	9:55 AM	0.00	0	0	0	6.5	0.046	19.2	7	1000	☐	☐
8/18/2009	10:20 AM	0.00	0	0	0	3.7	0.837	26.8	15	30000	☐	☒
8/25/2009	9:35 AM	0.00	0	0	0	5.2	0.051	21.8	8	713	☐	☐
9/1/2009	9:40 AM	0.00	0	0	0	6.5	0.126	25.2	8	615	☐	☐
9/8/2009	9:35 AM	0.00	0	0	0	6.6	0.051	21.2	6	494	☒	☐
9/15/2009	9:35 AM	0.00	0	0	0	7.2	0.042	17.2	7	560	☐	☐
9/22/2009	9:45 AM	0.00	0	0	0	7	0.038	20.8	4	540	☐	☐

CR 31 - Horn Ditch

4/7/2009	8:55 AM	4.06	376	10.67	6.81	5.5	1.25	10.4	29	664	☐	☒
4/14/2009	9:15 AM	6.14	589	10.52	10.18	7.6	615	17.6	9	280	☐	☒
4/21/2009	8:45 AM	6.93	475	10.46	9.95	7.1	1.5	18.4	28	13100	☐	☒
4/28/2009	9:20 AM	11.66	523	9.06	9.68	6.8	1.37	22	25	80800	☐	☒
5/5/2009	9:45 AM	10.34	636	11.31	11.07	8	0.342	7.6	5	140	☐	☐
5/12/2009	9:20 AM	9.17	652	13.3	10.11	8.3	0.227	19.6	3	206	☐	☐
5/19/2009	9:10 AM	11.14	526	9.38	9.15	10.3	0.895	1.2	7	480	☐	☐
5/29/2009	9:05 AM	12.70	665	9	0	8.6	0.295	21.5	8	552	☐	☐
6/2/2009	9:40 AM	13.80	670	8.24	0	7.7	0.297	23.6	8	3900	☒	☒
6/9/2009	9:15 AM	14.75	654	9.11	0	7.5	0.162	19.6	7	1520	☐	☐
6/16/2009	9:00 AM	14.53	652	7.84	0	8.2	0.163	19.6	12	645	☐	☐
6/23/2009	9:15 AM	17.15	677	10.78	0	8.8	0.196	14.8	9	1320	☐	☐
6/30/2009	9:05 AM	13.08	739	13.24	0	7.5	0.148	25.6	0	0	☐	☐
7/7/2009	9:35 AM	0.00	0	0	0	6.1	0.129	20.8	13	1865	☐	☐
7/14/2009	9:40 AM	15.26	560	10.75	8.11	6.3	0.043	20	3	625	☐	☐
7/21/2009	9:35 AM	0.00	0	0	0	5.3	0.053	26.8	3	477	☐	☐
7/28/2009	9:50 AM	0.00	0	0	0	5.7	0.104	24	4	360	☐	☐
8/4/2009	9:50 AM	0.00	0	0	0	4.6	0.074	27.2	6	855	☐	☐
8/11/2009	9:35 AM	0.00	0	0	0	3.9	0.126	16.8	5	1375	☐	☐
8/18/2009	10:00 AM	0.00	0	0	0	5.6	0.049	16.8	20	51600	☐	☒
8/25/2009	9:15 AM	0.00	0	0	0	5	0.287	19.2	11	2110	☐	☐
9/1/2009	9:20 AM	0.00	0	0	0	5.5	0.4	24.4	13	2740	☐	☐
9/8/2009	9:20 AM	0.00	0	0	0	5.2	0.145	22.4	12	624	☐	☐

Date	Time	Temp	SpC	DO	pH	NO3	PO4	Cl2	TSS	E.Coli	Raining	Wet Event
9/15/2009	9:15 AM	0.00	0	0	0	5.6	0.093	17.6	8	1075	☐	☐
9/22/2009	9:30 AM	0.00	0	0	0	5.6	0.081	16.8	3	705	☐	☐
CR 34 - Rock Run												
4/7/2009	9:10 AM	4.09	480	11.07	6.84	4.7	0.441	12.4	25	570	☐	☒
4/14/2009	9:35 AM	6.57	662	9.89	10.89	6.1	0.326	18.8	5	470	☐	☒
4/21/2009	9:00 AM	7.28	646	10.77	11.92	6.5	0	22	5	4580	☐	☒
4/28/2009	9:35 AM	13.11	622	8.29	11.65	5.3	0.829	19.6	18	59200	☐	☒
5/5/2009	9:15 AM	10.17	698	11.02	11.87	6.8	0.368	7.6	2	240	☐	☐
5/12/2009	9:10 AM	8.52	675	13.43	9.37	7.4	0.151	14.4	3	487	☐	☐
5/19/2009	9:20 AM	10.99	618	9.09	11.16	6.6	0.572	7.6	24	820	☐	☐
5/26/2009	8:55 AM	12.73	713	8.22	0	7.1	0.269	31.2	6	2560	☐	☐
6/2/2009	9:25 AM	14.20	703	7.75	0	6.6	0.157	21.6	4	920	☐	☒
6/9/2009	9:05 AM	15.13	699	8	0	7.4	0.149	26.8	4	1265	☐	☐
6/16/2009	8:45 AM	14.68	696	0		7.9	0.178	23.6	6	985	☐	☐
6/23/2009	9:05 AM	16.47	700	9.33	0	7.3	0.324	17.6	9	885	☐	☐
6/30/2009	8:50 AM	11.70	800	11.28	0	7.6	0.17	29.2	0	0	☒	☐
7/7/2009	9:20 AM	0.00	0	0	0	8.1	0.099	28	2	1125	☐	☐
7/14/2009	9:25 AM	13.79	579	8.75	7.91	6.2	0.053	31.2	3	725	☐	☐
7/21/2009	9:25 AM	0.00	0	0	0	7.7	0.076	36.8	3	820	☐	☐
7/28/2009	9:35 AM	0.00	0	0	0	8	0.142	30.8	4	865	☐	☐
8/4/2009	9:40 AM	0.00	0	0	0	9.3	0.145	33.2	6	790	☐	☐
8/11/2009	9:25 AM	0.00	0	0	0	8.7	0.14	38.8	8	955	☐	☐
8/18/2009	9:45 AM	0.00	0	0	0	3.3	0.041	25.2	32	20800	☐	☒
8/25/2009	9:10 AM	0.00	0	0	0	6.3	0.276	28.4	9	1217	☐	☐
9/1/2009	9:10 AM	0.00	0	0	0	5.3	0.325	29.2	8	489	☐	☐
9/8/2009	9:10 AM	0.00	0	0	0	6.6	0.135	30.8	9	425	☐	☐
9/15/2009	9:05 AM	0.00	0	0	0	7.7	0.059	27.2	5	450	☐	☐
9/22/2009	9:20 AM	0.00	0	0	0	7.6	0.084	29.2	3	502	☐	☐
CR 4 - Christiana Creek												
4/7/2009	10:35 AM	6.37	397	11.28	8.97	1.2	0.158	4.8	4	28	☐	☒
4/14/2009	11:30 AM	7.82	405	11	9.94	1	0.182	8	3	70	☒	☒
4/21/2009	10:20 AM	9.49	409	12.14	10.84	0.4	0.137	6	1	36	☐	☒
4/28/2009	10:55 AM	13.86	404	10.02	11.69	1.4	0.171	10.8	2	175	☒	☒
5/5/2009	11:25 AM	15.59	416	10.24	11.37	1.4	0.166	4	3	36	☐	☐
5/12/2009	11:15 AM	14.80	505	11.53	9.49	1.8	0.117	7.6	3	38	☐	☐
5/19/2009	10:45 AM	15.63	402	9.58	11.5	1.4	0.118	6.8	4	44	☐	☐
5/26/2009	11:00 AM	18.69	433	8.92	0	1.3	0.1	9.2	7	92	☐	☐

Date	Time	Temp	SpC	DO	pH	NO3	PO4	Cl2	TSS	E Coli	Raining	Wet Event
6/2/2009	11:00 AM	16.82	452	9.09	0	0.9	0	6.4	6	144	☐	☒
6/9/2009	10:30 AM	18.96	434	8.34	0	1.4	0.018	10	7	150	☐	☐
6/16/2009	10:30 AM	20.48	426	5.74	0	1.2	0.025	7.2	6	126	☐	☐
6/23/2009	10:35 AM	24.55	426	14.13	0	1.2	0.01	4	7	150	☐	☐
6/30/2009	10:25 AM	21.48	462	9.14	0	0	0.172	8.8	0	0	☐	☐
7/7/2009	11:05 AM	0.00	0	0	0	1.3	0.033	4.8	5	129	☐	☐
7/14/2009	10:55 AM	0.00	0	0	0	0.3	0.002	7.6	5	193	☐	☐
7/21/2009	10:50 AM	0.00	0	0	0	1	0.001	8.8	4	132	☐	☐
7/28/2009	11:20 AM	0.00	0	0	0	1.6	0.014	7.6	3	197	☐	☐
8/4/2009	11:10 AM	0.00	0	0	0	0.7	0.015	10	5	122	☐	☐
8/11/2009	11:05 AM	0.00	0	0	0	1.4	0.047	7.2	5	188	☐	☐
8/18/2009	11:15 AM	0.00	0	0	0	0.9	2.01	10.8	8	430	☐	☒
8/25/2009	10:30 AM	0.00	0	0	0	1.2	0.033	5.6	6	657	☐	☐
9/1/2009	10:35 AM	0.00	0	0	0	1.1	0.12	9.2	4	60	☐	☐
9/8/2009	10:20 AM	0.00	0	0	0	0	0.002	7.6	3	116	☐	☐
9/15/2009	10:20 AM	0.00	0	0	0	0.9	0.002	8.4	2	134	☐	☐
9/22/2009	10:40 AM	0.00	0	0	0	1.7	0.007	3.6	2	124	☐	☐

Reedy Dr - Putterbaugh Creek

4/7/2009	10:20 AM	5.77	366	11.2	9.11	0.9	0.243	6.8	2	28	☐	☒
4/14/2009	11:10 AM	7.41	403	9.79	10.24	0	0.168	8.8	2	14	☒	☒
4/21/2009	10:00 AM	9.70	400	10.32	10.08	0.3	0.148	7.2	2	125	☐	☒
4/28/2009	10:45 AM	16.22	404	7.89	10.41	0.2	0.056	13.6	2	287	☒	☒
5/5/2009	11:15 AM	15.45	418	9.63	10.48	0	0.041	4.4	3	107	☐	☐
5/12/2009	11:00 AM	13.71	411	9.34	9.05	2.3	0	8	2	86	☐	☐
5/19/2009	10:30 AM	15.68	368	7.56	11.61	0.6	0.082	5.2	3	94	☐	☐
5/26/2009	10:45 AM	17.86	425	7.09	0	0.3	0.161	9.2	4	106	☐	☐
6/2/2009	10:50 AM	18.35	414	7.19	0	0	0.021	7.6	3	91	☐	☒
6/9/2009	10:15 AM	19.06	418	7.28	0	0.5	0.028	10.4	3	130	☐	☐
6/16/2009	10:20 AM	19.63	404	5.36	0	0.7	0.03	7.6	2	185	☐	☐
6/23/2009	10:20 AM	24.04	388	7	0	0.6	0.029	5.2	3	277	☐	☐
6/30/2009	10:15 AM	14.68	424	11.01	0	0.3	0.036	9.6	0	0	☒	☐
7/7/2009	10:50 AM	0.00	0	0	0	0.7	0.032	6.8	5	350	☐	☐
7/14/2009	10:45 AM	0.00	0	0	0	0	0.03	11.6	3	403	☐	☐
7/21/2009	10:35 AM	0.00	0	0	0	0.1	0.025	11.2	1	548	☐	☐
7/28/2009	11:00 AM	0.00	0	0	0	0.3	0	11.6	2	880	☐	☐
8/4/2009	10:55 AM	0.00	0	0	0	0	0.017	13.6	3	288	☐	☐

Date	Time	Temp	SpC	DO	pH	NO3	P04	Cl2	TSS	E Col	Raining	Wet Event
8/11/2009	10:50 AM	0.00	0	0	0	0.6	0.053	32	5	446	☐	☐
8/18/2009	11:00 AM	0.00	0	0	0	0.6	1.8	11.2	7	940	☐	☒
8/25/2009	10:15 AM	0.00	0	0	0	0.3	0.04	8.7	2	244	☐	☐
9/1/2009	10:20 AM	0.00	0	0	0	0.6	0	11.2	1	96	☐	☐
9/8/2009	10:10 AM	0.00	0	0	0	0.1	0	10.4	2	297	☐	☐
9/15/2009	10:05 AM	0.00	0	0	0	0.6	0.012	10.4	4	735	☐	☐
9/22/2009	10:25 AM	0.00	0	0	0	0.8	0.022	9.6	2	279	☐	☐

Lakes and Rivers - Data Report

Date	Time	Temp	SpC	DO	pH	NO3	PO4	Cl2	TSS	Fish	Raining
22892 Lake Shore Dr Heaton Lake											
4/9/2009	11:00 AM	8.40	356	10.91	9.17	1.3		8.4		2	☐
4/16/2009	10:55 AM	9.65	360	10.33	11.14	0.0	0.073	4.0		0	☐
4/23/2009	10:50 AM	10.96	364	11.19	11.67	0.1	0.089	8.0		5	☐
4/30/2009	10:55 AM	15.25	374	9.23	10.89	0.7	0.047	5.6		18	☒
5/7/2009	11:20 AM	19.67	357	9.74	9.64	0.2	0.119	3.6		3	☐
5/14/2009	10:55 AM	16.33	367	8.44	10.01	0.9	0.029	5.2		1000	☐
5/21/2009	11:45 AM	20.84	373	8.94		0.5		13.2		83	☐
5/28/2009	10:50 AM	21.19	379	8.09		0.9	0	8.8		150	☐
6/4/2009	11:00 AM	20.96	375	9.70		0.1	0.008	5.6		2	☐
6/11/2009	11:05 AM	21.85	355	6.95		1.8	0.024	10.0		42	☒
6/18/2009	10:35 AM	20.55	374	5.55		0.0	0.017	6.8		45	☐
6/25/2009	10:15 AM	20.40	495	2.69		0.2	0	8.8		17	☐
7/2/2009	10:45 AM					2.1	0.047	9.6		2	☐
7/9/2009	10:20 AM	23.31	367	9.10	8.38	0.1	0.04	10.1		47	☐
7/16/2009	10:25 AM	23.39	371	7.65	8.24	0.0	0.001	9.0		25	☐
7/23/2009	10:55 AM					0.2	0.007	7.6		112	☐
7/30/2009	10:45 AM					0.1	0	8.8		74	☐
8/6/2009	10:40 AM					1.2	0	9.2		17	☐
8/13/2009	10:45 AM					0.1	0.008	10.0		11	☐
8/20/2009	11:05 AM					0.4	0	10.6		36	☐
8/27/2009	10:45 AM					0.6		9.4		7	☐
9/3/2009	10:30 AM					0.8	0.012	7.6		6	☐
9/10/2009	10:35 AM					0.8	0.007	8.0		6	☐
9/17/2009	10:55 AM						0.004	7.8		2	☐
9/24/2009	10:45 AM					1.1	0.021	5.3		50	☐
25919 Lake Dr Simonton Lake											
4/9/2009	11:30 AM	8.32	398	11.54	9.25	0.9		19.2		0	☐
4/16/2009	11:15 AM	8.74	402	11.84	10.27	0.8	0.248	8.0		4	☐
4/23/2009	11:15 AM	11.09	401	12.66	11.51	1.0	0.079	10.0		7	☐
4/30/2009	11:20 AM	14.96	402	9.99	11.69	1.2	0.014	5.6		18	☒
5/7/2009	11:45 AM	16.60	384	9.60	9.97	1.5	0.103	12.0		4	☐
5/14/2009	11:15 AM	16.90	386	9.45	9.47	1.9	0.159	6.0		5	☐
5/21/2009	12:10 PM	19.99	397	9.99		1.0	0	16.0		3	☐
5/28/2009	11:10 AM	20.87	400	8.29		1.9	0	18.8		11	☐
6/4/2009	11:25 AM	20.98	400	8.41		1.2	0.006	13.2		2	☐

Date	Time	Temp	StC	DO	pH	NO3	PO4	ClE	SS	E.coli	Sampling
6/11/2009	11:35 AM	21.65	384	7.01		0.8	0.001	20.0		6	☒
6/18/2009	11:00 AM	21.47	389	6.34		0.8	0	14.8		4	☐
6/25/2009	10:35 AM	24.76	429	2.50		0.4	0	20.4		13	☐
7/2/2009	11:00 AM					1.2	0.001	19.6		8	☐
7/9/2009	10:35 AM	23.48	397	8.87	8.43	0.7	0.001	16.6		14	☐
7/16/2009	10:45 AM					1.5	0	19.2		2	☐
7/23/2009	11:10 AM					0.8	0	20.0		14	☐
7/30/2009	11:05 AM					0.4	0	20.0		14	☐
8/6/2009	11:00 AM					1.3	0	20.4		3	☐
8/13/2009	11:05 AM					0.8	0	2.0		32	☐
8/20/2009	11:25 AM					0.4	0	3.6		25	☐
8/27/2009	11:05 AM					1.0		24.4		736	☒
9/3/2009	10:50 AM					1.4	0	19.2		3	☐
9/10/2009	10:55 AM					0.8	0	14.8		27	☐
9/17/2009	11:15 AM						0	17.1		21	☐
9/24/2009	11:05 AM					0.8	0.002	12.5		44	☐

51093 Beach De Simonon Lake

4/9/2009	11:10 AM	8.64	425	11.70	9.19	1.2		12.8		0	☐
4/16/2009	11:05 AM	8.63	414	11.53	11.54	0.8	0.126	9.6		0	☐
4/23/2009	11:05 AM	11.30	413	14.26	11.44	0.9	0.108	12.8		0	☐
4/30/2009	11:10 AM	14.86	412	9.60	12.15	1.3	0.026	6.0		17	☒
5/7/2009	11:35 AM	17.21	395	0.94	10.61	1.6	0.148	8.4		3	☐
5/14/2009	11:05 AM	16.55	393	9.90	10	1.7	0.018	6.4		90	☐
5/21/2009	11:55 AM	20.89	404	9.30		1.0		17.2		5	☐
5/28/2009	10:55 AM	21.50	401	8.13			0			36	☐
6/4/2009	11:10 AM	20.50	400	8.18		0.4	0.007	18.0		23	☐
6/11/2009	11:15 AM	21.51	389	6.32		0.6	0.001	17.2		102	☒
6/18/2009	10:45 AM	19.94	392	5.81		0.0	0	13.6		16	☐
6/25/2009	10:25 AM	29.48	391	9.87		0.5	0	16.4		5	☐
7/9/2009	10:20 AM	23.26	389	9.04	8.37	0.4	0.008	20.2		9	☐
7/16/2009	10:35 AM					1.2	0	16.0		22	☐
7/23/2009	11:05 AM					0.5	0	10.4		35	☐
7/30/2009	10:55 AM					0.2	0	16.8		35	☐
8/6/2009	10:50 AM					0.7	0.002	19.6		18	☐
8/13/2009	10:55 AM					0.6	0.009	2.0		29	☐
8/27/2009	10:55 AM							16.2		57	☒
9/3/2009	10:40 AM					0.9	0	14.8		5	☐
9/10/2009	10:45 AM					0.6	0	15.2		26	☐
9/17/2009	11:05 AM						0	14.3		2	☐
9/24/2009	10:55 AM					0.9	0.014	12.1		228	☐

Date	Time	Temp	SpC	DO	pH	NO3	PO4	CL2	TSS	E.coli	Rainfall
Ash Rd St Joe River											
4/9/2009	12:25 PM	7.62	471	13.01	9.31	1.2		16.0		41	☐
4/16/2009	12:10 PM	8.90	494	12.19	9.98	1.3	0.358	8.4		12	☐
4/23/2009	12:10 PM	10.78	492	13.43	10.71	1.5	0.267	19.2		40	☐
4/30/2009	12:05 PM	14.65	507	9.99	11.13	1.6	0.234	2.8		94	☒
5/7/2009	1:25 PM	16.05	501	9.79	9.33	1.8	0.046	8.0		35	☐
5/14/2009	11:55 AM	15.69	495	9.41	9.78	2.1	0.166	4.4		3600	☐
5/21/2009	10:29 AM	19.30				2.1		13.6		78	☐
5/28/2009	11:50 AM	20.34	520	8.24		3.6	0.029	13.2		352	☐
6/4/2009	12:10 PM	18.35	528	8.65		2.2	0.193	9.6		90	☐
6/11/2009	10:59 AM	19.40		8.00		1.7	0.037	32.8		168	☒
6/18/2009	11:40 AM	19.57	517	5.09		1.5	0.046	12.0		99	☐
6/25/2009	11:15 AM	25.96	503	1.40		0.5	0.056	20.8		92	☐
7/9/2009	11:15 AM	21.25	516	9.22	8.17	1.3	0.077	24.1		34	☐
7/16/2009	10:56 AM	25.50		7.20		2.8	0.03	22.0		66	☐
7/23/2009	12:00 PM					1.9	0.044	22.4		46	☐
7/30/2009	11:45 AM					1.5	0.077	20.0		1040	☐
8/6/2009	11:45 AM					2.9	0.027	25.6		34	☐
8/13/2009	11:45 AM					2.0	0.069	28.8		24	☐
8/20/2009	12:00 PM					2.3	0.215	30.4		335	☐
8/27/2009	10:07 AM	19.80		7.80		1.8		24.2		178	☒
9/3/2009	11:30 AM	0.00				2.5	0.09	20.8		76	☐
9/10/2009	11:30 AM					2.5	0.06	19.6		75	☐
9/17/2009	10:50 AM	20.40		9.00			0.047	22.4	3	35	☐
9/24/2009	11:45 AM					1.2	0.062	18.0		89	☐

CR-17 St Joe River											
4/9/2009	10:35 AM	6.87	460	12.28	8.85	0.8		13.6		36	☐
4/16/2009	10:25 AM	8.50	482	12.24	10.27	1.0	0.165	8.8		16	☐
4/23/2009	10:30 AM	10.23	483	11.55	11.17	1.4	0.141	12.4		43	☐
4/30/2009	10:35 AM	13.60	508	9.99	13.28	1.5	0.182	9.2		58	☒
5/7/2009	10:55 AM	15.98	489	9.02	11.06	1.8	0.091	15.2		39	☐
5/14/2009	10:35 AM	15.52	492	9.00	11.18	2.3	0.083	10.8		502	☐
5/21/2009	9:44 AM	19.40				1.2		15.2		104	☐
5/28/2009	10:30 AM	20.48	503	7.68		2.0	0.024	16.8		119	☐
6/4/2009	10:30 AM	17.80	520	8.35		1.2	0.038	12.4		42	☐
6/11/2009	10:05 AM	18.90		7.40		1.9	0.116	18.0		101	☒

CR-18 Elkhart River											
4/9/2009	8:35 AM	7.43	484	11.84	6.45	2.4		15.2		50	☐

Date	Time	Temp	Spd	DO	pH	NO ₂	NO ₃	Cl ₂	F ₂	F ₃₀	Salinity
4/16/2009	8:30 AM	8.47	497	12.28	8.28	1.5	0.244	12.0		32	☐
4/23/2009	8:35 AM	10.54	510	12.50	10.93	2.3	0.202	20.8		129	☐
4/30/2009	8:30 AM	13.38	537	9.99	10.62	2.0	0.379	14.0		154	☐
5/7/2009	9:00 AM	12.29	577	9.99	9.65	2.1	0.182	8.8		73	☐
5/14/2009	8:55 AM	14.85	517	8.98	9.36	2.7	0.371	15.6		6400	☐
5/21/2009	9:23 AM	19.10				2.6		22.4		98	☐
5/28/2009	8:45 AM	19.32	532	7.99		4.2	0.254	20.4		2400	☐
6/4/2009	8:40 AM	16.23	561	8.85		1.9	0.139	20.0		204	☐
6/11/2009	9:38 AM	19.60		7.60		1.8	0.131	23.6		435	☒
6/18/2009	8:45 AM	18.27	549	6.50		1.4	0.169	22.8		220	☐
6/25/2009	8:30 AM	23.91	579	0.58		1.8	0.175	23.8		160	☐
7/2/2009	8:50 AM					2.5	0.177	34.4		168	☐
7/9/2009	8:30 AM	19.52	579	7.97	8.11	1.8	0.115	37.2		114	☐
7/16/2009	9:48 AM	21.20		7.80		2.2	0.085	22.0		168	☐
7/23/2009	8:40 AM					2.2	0.121	28.4		713	☐
7/30/2009	8:50 AM					0.6	0.113	31.2		417	☐
8/6/2009	8:45 AM					2.5	0.098	49.2		199	☐
8/13/2009	8:55 AM					2.1	0.109	46.8		214	☐
8/20/2009	8:50 AM					2.4	0.35	34.4		1350	☐
8/27/2009	8:53 AM	1.97		8.20		1.2		28.2		455	☒
9/3/2009	8:45 AM					2.4	0.139	28.4		168	☐
9/10/2009	8:45 AM					2.1	0.125	26.4		228	☐
9/17/2009	9:25 AM	17.60					0.103	32.0	3	140	☐
9/24/2009	8:50 AM					2.3	0.118	28.4		590	☐

CR 40 Elkhart River

4/9/2009	9:20 AM	6.63	474	10.35	8.84	1.8		15.6	4	80	☐
4/16/2009	9:10 AM	7.50	489	10.75	11.78	1.0	0.19	10.4	3	54	☐
4/23/2009	9:10 AM					1.6	0.188	18.8	6	117	☐
4/30/2009	9:10 AM	13.09	534	8.81	10.1	1.7	0.287	5.6	6	181	☐
5/7/2009	9:45 AM	14.45	530	8.56	9.38	1.8	0.174	8.4	9	101	☐
5/14/2009	9:30 AM	14.99	532	7.97	9.48	2.3	0.403	10.8	20	1090	☐
5/21/2009	10:25 AM	16.78	534	7.86		1.7		19.2	12	195	☐
5/28/2009	9:25 AM	19.04	530	6.90		4.0	0.218	17.2	10	601	☐
6/4/2009	9:20 AM	16.70	549	7.88		1.9	0.145	10.4	12	276	☐
6/11/2009	9:45 AM	18.24	552	7.04		1.5	0.189	20.8	16	795	☒
6/18/2009	9:20 AM	18.04	538	5.83		1.1	0.145	12.4	15	204	☐
6/25/2009	9:00 AM	23.56	557	9.16		1.3	0.166	21.2	15	216	☐
7/2/2009	9:25 AM					2.4	0.2	19.2	9	288	☐
7/9/2009	9:00 AM	18.48	542	7.23	8.13	1.4	0.14	27.1	8	247	☐
7/16/2009	9:10 AM	18.95	558	7.37	8.14	2.2	0.063	30.0	7	351	☐

Date	Time	Temp	SpC	DO	pH	NO3	PCN	CL2	TSS	E.coli	Rainmg
7/23/2009	9:25 AM					1.8	0.103	20.4	6	326	☐
7/30/2009	9:20 AM					1.1	0.106	26.4	7	324	☐
8/6/2009	9:10 AM					2.2	0.03	29.6	5	266	☐
8/13/2009	9:25 AM					1.6	0.163	28.4	8	381	☐
8/20/2009	9:45 AM					2.4	0.297	28.6	17	1200	☐
8/27/2009	9:35 AM					0.2		27.0	15	640	☒
9/3/2009	9:10 AM					2.2	0.142	26.0	11	224	☐
9/10/2009	9:15 AM					1.8	0.124	23.2	8	213	☐
9/17/2009	9:45 AM						0.096	19.9	6	200	☐
9/24/2009	9:15 AM					1.9	0.097	17.2	6	627	☐

CR 43 Elkhardt River											
4/9/2009	9:45 AM	7.17	427	10.71	9.04	0.7		15.2	5	42	☐
4/16/2009	9:35 AM	7.81	449	10.86	11.18	0.7	0.221	9.2	4	52	☐
4/23/2009	9:40 AM	9.90	463	10.44	12.58	1.1	0.196	16.4	5	60	☐
4/30/2009	9:30 AM	13.68	487	9.18	12.11	1.0	0.256	9.6	7	115	☒
5/7/2009	10:05 AM	15.29	485	8.36	10.99	1.1	0.317	7.2		21	☒
5/14/2009	9:50 AM	15.39	472	7.92	10.88	2.1	0.488	6.0	18	4250	☐
5/21/2009	10:50 AM	17.98	481	8.16		1.1	0	15.6	9	185	☐
5/28/2009	9:45 AM	20.13	484	6.06		2.5	0.186	14.8	12	409	☐
6/4/2009	9:45 AM	16.57	507	7.42		0.7	0.146	9.6	9	234	☐
6/11/2009	10:10 AM	18.91	501	6.10		1.0	0.155	22.0	12	700	☒
6/18/2009	9:40 AM	18.83	502	5.60		0.8	0.153	12.8	12	90	☐
6/25/2009	9:20 AM	24.30	530	8.18		0.5	0.227	22.8	11	208	☐
7/2/2009	9:45 AM					1.4	0.275	16.0	11	224	☐
7/9/2009	9:20 AM	19.40	503	7.55	7.98	0.9	0.185	22.2	7	328	☐
7/16/2009	9:35 AM	20.01	514	7.01	8.01	1.4	0.124	28.0	6	292	☐
7/23/2009	9:45 AM					1.2	0.134	18.4	7	404	☐
7/30/2009	9:40 AM					0.9	0.165	20.8	4	386	☐
8/6/2009	9:30 AM					1.3	0.63	24.4	4	173	☐
8/13/2009	9:45 AM					1.9	0.153	22.4	4	630	☐
8/20/2009	10:05 AM					2.1	0.24	23.0	25	1730	☐
8/27/2009	9:55 AM					0.1		26.7	22	560	☒
9/3/2009	9:30 AM					1.6	0.147	21.2	16	278	☐
9/10/2009	9:35 AM					1.3	0.153	20.8	11	387	☐
9/17/2009	10:05 AM						0.114	18.5	6	340	☐
9/24/2009	9:35 AM					1.7	0.136	17.2	4	425	☐

E. Jackson St Elkhardt River											
4/9/2009	11:50 AM	7.73	488	11.88	9.11	2.2		16.0		84	☐
4/16/2009	11:40 AM	8.83	513	12.27	10.01	1.6	0.155	9.6		16	☐

Date	Time	Temp	SpC	DO	pH	NO ₃	NO ₂	ORP	Chl	TSS	EC	Algae
4/23/2009	11:30 AM	10.82	520	14.42	11.09	2.1	0.265	15.6		84		☐
4/30/2009	11:40 AM	13.27	557	9.99	10.99	2.2	0.247	5.2		247		☒
5/7/2009	12:05 PM	15.15	553	9.97	9.45	2.1	0.256	12.4		102		☐
5/14/2009	11:30 AM	14.78	531	9.66	10.12	2.6	0.397	6.0		1427		☐
5/21/2009	10:03 AM	19.30				2.7		22.0		126		☐
5/28/2009	11:25 AM	19.25	541	8.13		4.2	0.192	17.6		1893		☐
6/4/2009	11:40 AM	16.66	568	9.22		2.2	0.158	12.8		207		☐
6/11/2009	10:26 AM	18.60		8.00		1.7	0.141	18.4		5400		☒
6/18/2009	11:15 AM	18.24	557	6.53		1.9	0.162	18.0		212		☐
6/25/2009	10:50 AM	23.96	589	0.12		0.6	0.175	26.0		206		☐
7/2/2009	11:15 AM					2.5	0.161	28.4		350		☐
7/9/2009	10:50 AM	19.82	588	9.08	8.19	1.8	0.086	36.3		195		☐
7/16/2009	10:33 AM	21.80		7.40		2.8	0.093	0.0		24		☐
7/23/2009	11:25 AM					2.2	0.101	31.2		309		☐
7/30/2009	11:20 AM					1.7	0.159	33.6		865		☐
8/6/2009	11:15 AM					2.4	0.112	35.6		234		☐
8/13/2009	11:20 AM					2.4	0.133	20.8		363		☐
8/20/2009	11:40 AM					1.5	0.351	21.0		940		☐
8/27/2009	9:36 AM	19.10		8.40		1.3		28.7		850		☒
9/3/2009	11:05 AM					2.2	0.174	25.6		188		☐
9/10/2009	11:10 AM					1.9	0.135	23.6		274		☐
9/17/2009	10:20 AM	18.40		8.00			0.117	27.9	3	128		☐
9/24/2009	11:20 AM					1.5	0.107	23.4		665		☐

Ideal Beach												
4/9/2009	10:50 AM	8.42	355	11.16	9.35	0.8		9.6		2		☐
4/16/2009	10:45 AM	9.00	358	11.47	11.15	0.0	0.056	3.6		0		☐
4/23/2009	10:40 AM	10.70	361	11.70	11.7	0.0	0.106	10.8		7		☐
4/30/2009	10:45 AM	14.90	369	9.17	11.38	0.4	0.076	1.6		7		☒
5/7/2009	11:10 AM	16.97	357	9.99	9.80	0.1	0.152	7.2		21		☐
5/14/2009	10:45 AM	16.57	355	8.50	10.46	0.7	0.06	4.8		612		☐
5/21/2009	11:40 AM	20.28	366	9.23		0.3		10.8		19		☐
5/28/2009	10:40 AM	21.32	372	7.98		0.3	0.024	6.4		16		☐
6/4/2009	10:50 AM	21.02	372	9.33		0.1	0.008	6.4		8		☐
6/11/2009	10:55 AM	20.99	351	7.65		0.2	0.091	7.6		97		☒
6/18/2009	10:25 AM	20.01	358	6.96		0.1	0	7.2		47		☐
6/25/2009	10:05 AM	29.11	344	1.30		0.0	0	8.8		122		☐
7/2/2009	10:35 AM					0.5	0.024	10.0		22		☐
7/9/2009	10:10 AM	23.68	369	8.25	8.27	0.1	0.03	9.6		19		☐
7/16/2009	10:15 AM	23.70	353	8.25	8.48	1.1	0.029	10.0		12		☐
7/23/2009	10:45 AM					0.5	0.003	6.4		1530		☐

Date	Time	Temp	SpC	DO	pH	NO3	NO4	CL2	TSS	E.coli	Rating
7/30/2009	10:35 AM					0.0	0.023	9.2		30	☐
8/6/2009	10:30 AM					0.8	0.014	10.4		904	☐
8/13/2009	10:35 AM					0.8	0.033	9.2		144	☐
8/20/2009	10:55 AM					0.3	0	10.0		5300	☐
8/27/2009	10:35 AM					0.0		8.6		10	☒
9/3/2009	10:20 AM					0.9	0.011	8.0		5	☐
9/10/2009	10:30 AM					0.0	0.005	7.2		3	☐
9/17/2009	10:45 AM						0	6.8		3	☐
9/24/2009	10:35 AM					0.5	0.019	5.6		62	☐

Indiana Ave Elkhart River

4/9/2009	9:05 AM	7.26	478	9.65	8.79	1.7		15.2	6	54	☐
4/16/2009	8:55 AM	8.14	495	10.69	11.15	1.4	0.169	10.4	3	54	☐
4/23/2009	8:55 AM	10.08	503	11.12	12.29	1.5	0.225	17.2	7	64	☐
4/30/2009	8:55 AM	13.28	538	9.41	10.34	1.7	0.312	7.6	6	145	☐
5/7/2009	9:25 AM	14.96	533	8.41	10.69	1.4	0.262	6.8	5	69	☐
5/14/2009	9:15 AM	14.76	528	9.12	10.81	1.4	0.26	5.2	9	263	☐
5/21/2009	10:10 AM	17.11	539	8.49		2.1		17.2	9	76	☐
5/28/2009	9:05 AM	19.27	537	7.45		4.3	0.329	17.2	13	1165	☐
6/4/2009	9:00 AM	16.06	548	8.40		2.1	0.133	17.2	11	164	☐
6/11/2009	9:30 AM	18.45	558	7.80		1.5	0.126	19.6	12	160	☒
6/18/2009	9:05 AM	18.27	537	6.45		1.2	0.176	10.4	10	112	☐
6/25/2009	8:50 AM	24.02	562	9.39		1.5	0.165	26.0	10	146	☐
7/2/2009	9:15 AM					2.0	0.176	24.8	8	232	☐
7/9/2009	8:45 AM	19.49	555	8.40	8.04	1.3	0.127	25.6	5	74	☐
7/16/2009	8:50 AM	19.75	567	7.87	8.05	1.2	0.082	27.0	3	135	☐
7/23/2009	9:00 AM					1.5	0.084	27.6	3	141	☐
7/30/2009	9:05 AM					1.2	0.117	25.2	3	100	☐
8/6/2009	9:00 AM					1.8	0.094	38.8	2	52	☐
8/13/2009	9:10 AM					1.5	0.108	29.2	1	116	☐
8/20/2009	9:10 AM					2.1	0.37	28.4	17	29600	☐
8/27/2009	9:20 AM					1.2		23.1	11	420	☒
9/3/2009	8:55 AM					2.0	0.147	22.4	8	139	☐
9/10/2009	9:00 AM					1.4	0.138	22.0	7	84	☐
9/17/2009	9:25 AM	0.00					0.088	23.1	4	92	☐
9/24/2009	9:00 AM					1.4	0.1	20.2	4	129	☐

N. Main St. Joe River

4/9/2009	12:05 PM	7.25	465	12.38	9.37	1.2		17.6		49	☐
4/16/2009	11:55 AM	8.78	488	12.13	9.73	1.3	0.413	6.0		13	☐
4/23/2009	11:40 AM	10.54	484	15.15	11.32	1.4	0.189	15.2		41	☐

Date	Time	Temp	SpC	DO	pH	NO3	NO2	Cl2	TSS	Dissol	Sampling
4/30/2009	11:50 AM	14.63	501	9.99	11.08	1.7	0.225	7.6		199	☒
5/7/2009	12:20 PM	15.94	498	9.57	9.72	1.7	0.091	5.2		173	☐
5/14/2009	11:40 AM	15.57	504	9.99	10.6	2.4	0.17	9.2		481	☐
5/21/2009	10:11 AM	19.40				1.0		6.4		98	☐
5/28/2009	11:35 AM	19.85	521	9.03		2.6	0.043	15.2		502	☐
6/4/2009	11:50 AM	18.05	525	1.25		3.4	0.153	8.8		60	☐
6/11/2009	10:39 AM	18.50		8.00		1.6	0.067	24.8		1253	☒
6/18/2009	11:25 AM	19.41	521	6.21		1.6	0.052	14.0		88	☐
6/25/2009	11:05 AM	25.67	520	2.01		0.2	0.068	19.6		114	☐
7/2/2009	11:20 AM					1.7	0.061	16.8		80	☐
7/9/2009	11:00 AM	21.82	512	9.41	8.20	1.1	0.046	21.6		51	☐
7/16/2009	10:41 AM	23.20		7.60		2.6	0.007	14.8		70	☐
7/23/2009	11:40 AM					1.8	0.016	15.6		78	☐
7/30/2009	11:30 AM					1.6	0.067	20.4		249	☐
8/6/2009	11:25 AM					2.3	0.068	24.0		134	☐
8/13/2009	11:30 AM					1.3	0.021	24.4		52	☐
8/20/2009	11:50 AM	0.00				2.1	0.238	23.3		670	☐
8/27/2009	9:47 AM	19.20		8.00		1.8		24.3		2460	☒
9/3/2009	11:15 AM					2.5	0.131	24.0		154	☐
9/10/2009	11:15 AM					2.4	0.07	17.6		146	☐
9/17/2009	10:30 AM	20.40		9.00			0.028	16.4	4	52	☐
9/24/2009	11:30 AM					2.2	0.001	14.3		259	☐

Nibbyville Public Access Site St. Jo

7/2/2009	10:25 AM					2.1	0.029	14.0		91	☐
7/9/2009	10:00 AM	21.22	499	7.39	8.18	1.7	0.009	19.6		70	☐
7/16/2009	10:06 AM	22.30		7.20		2.8	0.006	20.0		86	☐
7/23/2009	10:30 AM					1.9	0.003	17.6		139	☐
7/30/2009	10:25 AM					1.0	0.017	20.8		60	☐
8/6/2009	10:15 AM					2.1	0.021	21.6		57	☐
8/13/2009	10:25 AM					2.0	0.038	22.8		102	☐
8/20/2009	10:45 AM					1.3	0.068	20.4		380	☐
8/27/2009	9:12 AM	0.00	0					0.0			☐
8/27/2009	9:12 AM	19.70		8.00		1.6		20.1		224	☒
9/3/2009	10:10 AM					2.2	0.037	20.4		98	☐
9/10/2009	10:15 AM					1.8	0.028	20.0		92	☐
9/17/2009	9:50 AM	18.00		8.00			0.009	15.6	3	74	☐
9/24/2009	10:25 AM					1.5	0.037	15.0		114	☐

Old CR 17 Elkhart River

4/9/2009	8:50 AM	7.36	476	11.62	8.86	2.3		15.6	7	76	☐
----------	---------	------	-----	-------	------	-----	--	------	---	----	--------------------------

Date	Time	Temp	SpC	DO	pH	NO3	PO4	CL2	TSS	Turb	Rainfall
4/16/2009	8:40 AM	8.35	503	11.73	10.45	1.4	0.421	10.8	5	47	☐
4/23/2009	8:25 AM	10.34	511	12.18	8.20	2.6	0.237	12.8	8	74	☐
4/30/2009	8:25 AM	13.29	545	9.99	10.99	3.5	0.292	4.8	7	158	☐
5/7/2009	8:50 AM	12.05	586	9.99	10.08	2.2	0.301	12.0	6	91	☐
5/14/2009	8:35 AM	14.78	525	9.52	9.05	2.7	0.33	10.4	46	3580	☐
5/21/2009	9:55 AM	17.00	540	9.72		2.3		22.0	10	149	☐
5/28/2009	8:30 AM	17.28	561	8.65		4.5	0.245	16.0	14	1675	☐
6/4/2009	8:25 AM	16.07	557	8.93		2.1	0.155	18.0	8	124	☐
6/11/2009	9:15 AM	18.58	563	8.73		1.3	0.217	24.4	11	427	☒
6/18/2009	8:35 AM	18.20	540	7.83		0.9	0.208	18.0	10	192	☐
6/25/2009	8:20 AM	23.89	562	9.34		1.6	0.58	21.6	10	182	☐
7/2/2009	8:40 AM					0.7	0.223	26.0	5	112	☐
7/9/2009	8:15 AM	19.16	570	7.62	7.81	1.4	0.219	30.0	4	128	☐
7/16/2009	8:30 AM	19.64	580	7.70	7.99	2.4	0.105	29.0	3	176	☐
7/23/2009	8:20 AM					2.1	0.14	27.2	3	1770	☐
7/30/2009	8:40 AM					1.7	0.125	32.4	4	372	☐
8/6/2009	8:30 AM					2.2	0.56	33.6	2	173	☐
8/13/2009	8:45 AM					2.7	0.146	44.4	2	197	☐
8/20/2009	8:40 AM					2.3	0.36	36.2	12	790	☒
8/27/2009	9:05 AM					1.1		23.5	12	610	☒
9/3/2009	8:35 AM					2.7	0.153	29.2	8	128	☐
9/10/2009	8:35 AM					1.9	0.149	26.8	7	207	☐
9/17/2009	9:00 AM						0.116	25.8	4	76	☐
9/24/2009	8:40 AM					1.6	0.154	25.3	4	297	☐