

GOSHEN

6/20/2005

Date	Site	Site Location	Time	pH	Temp	DO	NO3	PO4	Cl2	TDS	E colif
5/5/2005	3	CR 17 St. Joe River	8:50 AM	8.1	10.1	9.9	3.9	0	30	0	5
5/5/2005	5	22728 Lake Shore Heaton Lake	9:05 AM	8.2	11.3	9.6	0.5	0	20	0	3
5/5/2005	6	51093 Beach Dr. Simonton Lake	9:20 AM	8.2	11.3	9.8	2.3	0	35	0	0
5/5/2005	7	25919 Lake Dr. Simonton Lake	9:30 AM	8.2	11.3	9.8	2.4	0	35	0	1
5/5/2005	9	Nappanee St. St. Joe River	10:45 AM	8.2	11.4	11	4	0.2	40	0	6
5/5/2005	10	CR 18 Elkhart River	8:30 AM	8.04	10.1	9.5	3.6	0.2	60	0	38
5/5/2005	11	Johnson St. St. Joe River	9:45 AM	8.1	11.6	11	4.1	0.2	35	0	4
5/5/2005	12	E. Jackson Elkhart River	9:55 AM	8	10.8	10	4	0.6	60	0	28
5/5/2005	13	N. Main St. Joe River	10:05 AM	8.2	11.5	11	4.1	0.4	40	0	6
5/5/2005	14	Ash Rd. St. Joe River	10:30 AM	8.2	11.3	10	4.1	0.5	40	0	4
5/12/2005	3	CR 17 St. Joe River	9:20 AM	7.57	17.45	12	2.25	0.2	40	418	57
5/12/2005	5	22728 Lake Shore Heaton Lake	9:35 AM	7.52	16.46	12	1.13	0	25	421	10
5/12/2005	6	51093 Beach Dr. Simonton Lake	9:49 AM	7.53	16.4	12	1.91	0.1	35	422	13
5/12/2005	7	25919 Lake Dr. Simonton Lake	10:00 AM	7.54	16.4	13	2.2	0	35	422	1
5/12/2005	9	Nappanee St. St. Joe River	11:20 AM	7.62	17.58	12	3.18	0	40	433	84
5/12/2005	10	CR 18 Elkhart River	8:55 AM	7.53	19.58	11	2.15	0.7	46	417	64
5/12/2005	11	Johnson St. St. Joe River	10:20 AM	7.54	16.28	12	2.56	0.1	40	426	70
5/12/2005	12	E. Jackson Elkhart River	10:35 AM	7.55	16.16	13	2.95	0	50	428	198
5/12/2005	13	N. Main St. Joe River	10:45 AM	7.57	16.25	13	3.26	0	35	430	102
5/12/2005	14	Ash Rd. St. Joe River	11:05 AM	7.56	16.98	13	3.11	0	35	432	57
5/19/2005	3	CR 17 St. Joe River	9:00 AM	8.12	15.6	11	2.72	0.3	45	330	36
5/19/2005	5	22728 Lake Shore Heaton Lake	9:15 AM	8.35	16	12	0.63	0.1	35	230	10
5/19/2005	6	51093 Beach Dr. Simonton Lake	9:45 AM	8.13	16.56	11	1.27	0.2	40	246	232
5/19/2005	7	25919 Lake Dr. Simonton Lake	9:30 AM	8.28	16.3	11	1.38	1.4	35	238	9
5/19/2005	9	Nappanee St. St. Joe River	11:15 AM	8.24	16	12	1.47	0	40	333	6700
5/19/2005	10	CR 18 Elkhart River	8:45 AM	7.94	15.26	10	1.46	0.4	55	381	120
5/19/2005	11	Johnson St. St. Joe River	10:15 AM	8.23	16.43	12	1.55	0.2	45	330	18
5/19/2005	12	E. Jackson Elkhart River	10:30 AM	8.06	15.16	11	1.43	0.1	55	381	218
5/19/2005	13	N. Main St. Joe River	10:45 AM	8.23	16.35	12	2.42	0	40	334	580
5/19/2005	14	Ash Rd. St. Joe River	11:00 AM	8.19	16.36	11	2.79	0.1	45	341	26
5/26/2005	3	CR 17 St. Joe River	10:15 AM	7.38	21.1	10	3.42	0	40	226	31
5/26/2005	4	Ideal Beach Heaton Lake	10:40 AM	7.36	22.02	11	1.48	0	30	265	3
5/26/2005	5	22728 Lake Shore Heaton Lake	10:55 AM	7.37	21.76	10	1.5	3	30	256	2
5/26/2005	6	51093 Beach Dr. Simonton Lake	11:05 AM	7.37	21.89	10	1.96	0.5	50	242	8
5/26/2005	7	25919 Lake Dr. Simonton Lake	11:15 AM	7.37	22.26	10	2.65	0.3	50	236	2
5/26/2005	9	Nappanee St. St. Joe River	12:40 PM	7.36	22.17	11	4.27	0.4	35	337	35
5/26/2005	10	CR 18 Elkhart River	9:50 AM	7.38	21.63	10	3.67	0.6	50	321	88
5/26/2005	11	Johnson St. St. Joe River	11:30 AM	7.37	23.06	11	3.58	0.4	45	321	22
5/26/2005	12	E. Jackson Elkhart River	11:45 AM	7.37	22.88	10	4.16	0.4	60	440	78
5/26/2005	13	N. Main St. Joe River	12:00 PM	7.37	22.5	10	3.98	0.5	50	338	23
5/26/2005	14	Ash Rd. St. Joe River	12:25 PM	7.37	22.83	11	3.85	0.3	25	345	26
5/26/2005	21	Plymouth Ave. Elkhart River	8:55 AM	7.41	21.27	9.9	2.5	1.2	45	371	40
5/26/2005	22	Indiana Ave. Elkhart River	9:25 AM	7.39	20.88	10	2.72	2.5	40	345	42
6/2/2005	3	CR 17 St. Joe River	9:35 AM	8	19.6	6.7	4.55	0	40	339	44
6/2/2005	4	Ideal Beach Heaton Lake	9:55 AM	8.57	21.4	9.9	4.12	0.1	20	225	5
6/2/2005	5	22728 Lake Shore Heaton Lake	10:00 AM	8.62	21.79	10	4.64	0	25	223	0

GOSHEN

6/20/2005

Date	Site#	Site Location	Time	pH	Temp	DO	NO3	PO4	Cl2	TDS	Ecolt
6/2/2005	6	51093 Beach Dr. Simonton Lake	10:15 AM	8.12	22.52	7.2	3.14	0.1	30	253	5
6/2/2005	7	25919 Lake Dr. Simonton Lake	10:25 AM	8.21	21.91	8	4	0	35	248	39
6/2/2005	9	Nappanee St. St. Joe River	11:40 AM	8.07	20.43	7.9	5.7	0.1	40	347	36
6/2/2005	10	CR 18 Elkhart River	9:15 AM	8	18.63	7.7	4.39	0.2	55	396	69
6/2/2005	11	Johnson St. St. Joe River	10:45 AM	8.09	20.62	7.5	4.36	0	40	339	28
6/2/2005	12	E. Jackson Elkhart River	10:55 AM	8.06	19.26	8.3	5.24	0	50	399	76
6/2/2005	13	N. Main St. Joe River	11:10 AM	8.08	20.47	7.6	5.29	0.2	45	346	30
6/2/2005	14	Ash Rd. St. Joe River	11:30 AM	8.13	20.93	8.1	5.7	0	40	352	11
6/2/2005	21	Plymouth Ave. Elkhart River	8:40 AM	7.97	19.11	7.8	2.58	0.8	50	384	26
6/2/2005	22	Indiana Ave. Elkhart River	8:55 AM	8.01	18.96	7.7	5.62	0.3	50	383	33
6/9/2005	3	CR 17 St. Joe River	9:20 AM	7.98	24.57	5.2	2.81	0.3	40	332	56
6/9/2005	4	Ideal Beach Heaton Lake	9:35 AM	8.62	27.19	8.7	1.91	0.4	30	214	40
6/9/2005	5	22728 Lake Shore Heaton Lake	9:50 AM	8.47	27.38	8.2	1.44	0.4	35	208	3
6/9/2005	6	51093 Beach Dr. Simonton Lake	10:00 AM	8.08	27.82	6.2	1.42	0.3	45	251	0
6/9/2005	7	25919 Lake Dr. Simonton Lake	10:10 AM	8.27	26.6	7.5	2.27	0.5	45	248	4
6/9/2005	9	Nappanee St. St. Joe River	11:10 AM	8.09	25.55	7	3.33	0.3	50	345	42
6/9/2005	10	CR 18 Elkhart River	9:05 AM	7.98	23.44	6.0	3.17	0.2	35	407	102
6/9/2005	11	Johnson St. St. Joe River	10:20 AM	8.07	25.5	6.9	2.89	0.5	45	336	12
6/9/2005	12	E. Jackson Elkhart River	10:30 AM	8.04	23.9	7.3	3.1	0.8	55	408	76
6/9/2005	13	N. Main St. Joe River	10:40 AM	8.09	25.55	7.2	3.33	0.4	40	335	30
6/9/2005	14	Ash Rd. St. Joe River	11:00 AM	8.15	25.87	7.7	3.29	0.3	45	349	16
6/9/2005	21	Plymouth Ave. Elkhart River	8:30 AM	8	23.36	6.8	1.83	0.75	50	390	31
6/9/2005	22	Indiana Ave. Elkhart River	8:45 AM	8.02	23.64	6.6	1.95	0.6	50	390	32

TO: Doug Perry
 Fax - 534-4281
 From: John - Health Dept.

SW99

10/10/2005

Site#	Site Location	Time	Date	pH	Temp	DO	NO3	PO4	Cl2	TDS	E coli
22	Indiana Ave. Elkhart River	9:00 AM	9/29/2005	8.47	16.45	7.8	0.96	0.6	50	669	108
22	Indiana Ave. Elkhart River	9:05 AM	9/22/2005	8.3	19.4	6.8	0.81	0.6	55	608	79
22	Indiana Ave. Elkhart River	9:25 AM	9/15/2005	8.07	19.74	6.7	0.89	0.4	30	632	105
22	Indiana Ave. Elkhart River	8:50 AM	9/1/2005	7.9	20.1	6.4	4.6	0.3	50	623	440
22	Indiana Ave. Elkhart River	8:55 AM	9/8/2005	8.05	20.7	6.6	2.92	0.3	50	0	78
22	Indiana Ave. Elkhart River	9:05 AM	8/25/2005	8	19.2	6.7	5.9	0.3	45	0	72
22	Indiana Ave. Elkhart River	10:05 AM	8/18/2005	7.9	21.8	6.7	3.6	0.5	50	400	98
22	Indiana Ave. Elkhart River	8:35 AM	8/11/2005	7.89	23.4	6	2.58	0.3	50	362	93
22	Indiana Ave. Elkhart River	8:45 AM	8/4/2005	7.93	24.91	5.4	2	0.3	45	357	65
22	Indiana Ave. Elkhart River	8:50 AM	7/28/2005	7.79	22.81	6.7	2.58	0.4	40	341	196
22	Indiana Ave. Elkhart River	9:45 AM	7/21/2005	7.93	24.48	6.8	1.8	0.3	10	384	106
22	Indiana Ave. Elkhart River	9:00 AM	7/14/2005	8.02	24.09	6.3	1.06	0.5	45	376	37
22	Indiana Ave. Elkhart River	9:05 AM	7/7/2005	7.72	22.47	5.8	3.16	0.5	45	394	62
22	Indiana Ave. Elkhart River	9:25 AM	6/30/2005	7.92	24.9	4.9	2.19	0.4	45	400	60
22	Indiana Ave. Elkhart River	8:50 AM	6/23/2005	7.9	21.09	6.7	3.17	0.3	45	619	102
22	Indiana Ave. Elkhart River	9:10 AM	6/16/2005	7.92	19.6	8.0	3	0.3	50	410	120
22	Indiana Ave. Elkhart River	8:45 AM	6/9/2005	8.02	23.64	6.6	1.95	0.6	50	390	32
22	Indiana Ave. Elkhart River	8:55 AM	6/2/2005	8.01	18.96	7.7	5.62	0.3	50	383	33
22	Indiana Ave. Elkhart River	9:25 AM	5/26/2005	7.39	20.88	10	2.72	2.5	40	345	42
21	Plymouth Ave. Elkhart River	8:40 AM	9/29/2005	8.39	16.08	8.3	0.9	0.4	55	577	90
21	Plymouth Ave. Elkhart River	8:45 AM	9/22/2005	8.31	18.9	7.7	0.83	0.4	50	606	92
21	Plymouth Ave. Elkhart River	9:00 AM	9/15/2005	8.08	19.34	6.5	1.03	0.5	50	633	64
21	Plymouth Ave. Elkhart River	8:35 AM	9/1/2005	7.9	19.9	6.4	3.75	0.4	55	615	46
21	Plymouth Ave. Elkhart River	8:30 AM	9/8/2005	8.27	21.28	8.9	2.8	0.5	50	0	48
21	Plymouth Ave. Elkhart River	8:35 AM	8/25/2005	8	18.8	7.1	5.5	0.4	50	0	58
21	Plymouth Ave. Elkhart River	9:40 AM	8/18/2005	7.9	21.6	7	3.7	0.5	50	400	86
21	Plymouth Ave. Elkhart River	8:20 AM	8/11/2005	7.89	23.2	6.7	2.52	0.4	55	366	119
21	Plymouth Ave. Elkhart River	8:30 AM	8/4/2005	7.95	24.54	6.1	1.63	0.4	50	355	43
21	Plymouth Ave. Elkhart River	8:40 AM	7/28/2005	7.74	22.49	7.1	2.72	0.7	45	337	264
21	Plymouth Ave. Elkhart River	9:35 AM	7/21/2005	7.94	23.68	7.2	1.82	0.7	40	384	68
21	Plymouth Ave. Elkhart River	8:40 AM	7/14/2005	8.03	23.39	6.6	1.02	0.8	50	375	75
21	Plymouth Ave. Elkhart River	8:50 AM	7/7/2005	7.73	22.19	5.7	3.1	0.8	45	393	56
21	Plymouth Ave. Elkhart River	9:00 AM	6/30/2005	7.96	24.66	6	1.96	0.8	30	396	132
21	Plymouth Ave. Elkhart River	8:45 AM	6/23/2005	7.85	20.87	7.0	2.29	0.5	20	617	58
21	Plymouth Ave. Elkhart River	8:45 AM	6/16/2005	7.87	19.31	8.1	2.74	0.4	45	410	113
21	Plymouth Ave. Elkhart River	8:30 AM	6/9/2005	8	23.36	6.8	1.83	0.75	50	390	31
21	Plymouth Ave. Elkhart River	8:40 AM	6/2/2005	7.97	19.11	7.8	2.58	0.8	50	384	26
21	Plymouth Ave. Elkhart River	8:55 AM	5/26/2005	7.41	21.27	9.9	2.5	1.2	45	371	40

Post-It® Fax Note	7571	Date	10-10	# of pages	①
To	Doug Perry	From	John Hulenic		
Co./Dept.	Cooshon WWT	Co.	ELKH		
Phone #		Phone #			
Fax #	534-4281	Fax #			

John B. Hulenic
875-3391

Lynn Korman
293-2572

* Doug P

SW99
534-4281

8/31/2005

Site#	Site Location	Time	Date	pH	Temp	DO	NO3	PO4	Cl2	TDS	E coli
5	22728 Lake Shore Heaton Lake	10:10 AM	8/25/2005	8.7	23.5	8.8	5.6	0.1	25	0	9
9	Nappanee St. St. Joe River	12:25 AM	8/25/2005	8.2	22.2	7.9	6.4	0.2	40	0	42
21	Plymouth Ave. Elkhart River	8:35 AM	8/25/2005	8	18.8	7.1	5.5	0.4	50	0	58
22	Indiana Ave. Elkhart River	9:05 AM	8/25/2005	8	19.2	6.7	5.9	0.3	45	0	72
3	CR 17 St. Joe River	9:50 AM	8/25/2005	8.2	21.6	6.8	6.3	0.5	40	0	120
6	51093 Beach Dr. Simonton Lake	10:25 AM	8/25/2005	8.8	23.1	7.7	5.8	0.3	40	0	9
7	25919 Lake Dr. Simonton Lake	10:40 AM	8/25/2005	8.5	24	7.7	4.4	0.3	40	0	62
11	Johnson St. St. Joe River	11:10 AM	8/25/2005	8.2	22.2	7.9	5.3	0.4	35	0	35
12	E. Jackson Elkhart River	11:30 AM	8/25/2005	8.2	20.3	6.2	8.1	0.2	50	0	112
13	N. Main St. St. Joe River	11:45 AM	8/25/2005	8.3	22.2	8.1	6.1	0.2	50	0	126
14	Ash Rd. St. Joe River	12:05 AM	8/25/2005	8.2	23.4	7.8	6.6	0.2	40	0	11
10	CR 18 Elkhart River	9:30 AM	8/25/2005	8.1	19.7	7.2	7.9	0.5	55	0	114
10	CR 18 Elkhart River	9:10 AM	8/18/2005	0	22.7	6.8	3.5	0.2	55	0	140
6	51093 Beach Dr. Simonton Lake	11:10 AM	8/18/2005	8.5	25.5	7.4	1.1	0.1	35	200	11
22	Indiana Ave. Elkhart River	10:05 AM	8/18/2005	7.9	21.8	6.7	3.6	0.5	50	400	98
3	CR 17 St. Joe River	9:30 AM	8/18/2005	0	24.1	6.2	2.4	0.2	35	0	86
5	22728 Lake Shore Heaton Lake	10:50 AM	8/18/2005	8.4	24.7	7.3	1.7	0.2	40	200	3
11	Johnson St. St. Joe River	9:50 AM	8/18/2005	0	26	7.8	2.6	0.2	40	0	63
12	E. Jackson Elkhart River	9:55 AM	8/18/2005	0	22.9	7.8	3.6	0.2	50	0	125
13	N. Main St. St. Joe River	10:05 AM	8/18/2005	0	23.4	7.7	2.7	0.2	35	0	51
9	Nappanee St. St. Joe River	10:35 AM	8/18/2005	0	25.4	7.4	2.6	0.2	45	0	64
14	Ash Rd. St. Joe River	10:20 AM	8/18/2005	0	24.9	7.8	2.8	0.2	30	0	28
21	Plymouth Ave. Elkhart River	9:40 AM	8/18/2005	7.9	21.6	7	3.7	0.5	50	400	86
7	25919 Lake Dr. Simonton Lake	11:30 AM	8/18/2005	8.4	26.3	7.7	1.4	0.2	35	200	239
7	25919 Lake Dr. Simonton Lake	10:05 AM	8/11/2005	8.36	27.29	7.7	2.54	0.2	35	236	43
21	Plymouth Ave. Elkhart River	8:20 AM	8/11/2005	7.89	23.2	6.7	2.52	0.4	55	366	119
22	Indiana Ave. Elkhart River	8:35 AM	8/11/2005	7.89	23.4	6	2.58	0.3	50	362	93
10	CR 18 Elkhart River	8:50 AM	8/11/2005	7.97	23.6	6.7	3.65	0.2	50	359	128
3	CR 17 St. Joe River	9:10 AM	8/11/2005	8.11	25.8	6.4	3.57	0.2	45	329	79
4	Ideal Beach Heaton Lake	9:30 AM	8/11/2005	8.36	27.91	6.9	2.79	0.2	30	209	8
6	51093 Beach Dr. Simonton Lake	9:50 AM	8/11/2005	8.44	27.4	6.6	2.92	0.1	35	223	1
11	Johnson St. St. Joe River	10:20 AM	8/11/2005	8.28	26.9	8.9	3.45	0.2	45	328	36
12	E. Jackson Elkhart River	10:30 AM	8/11/2005	8.12	23.8	7.9	3.44	0.1	50	365	224
13	N. Main St. Joe River	10:35 AM	8/11/2005	8.22	26	8.5	3.49	0.2	40	339	95
14	Ash Rd. St. Joe River	10:55 AM	8/11/2005	8.26	26.6	8.4	3.34	0.2	55	345	33
9	Nappanee St. St. Joe River	11:05 AM	8/11/2005	8.18	26	7.7	3.36	0.2	50	338	94
5	22728 Lake Shore Heaton Lake	9:40 AM	8/11/2005	8.45	26.7	5.8	3.07	0.3	30	205	9
7	25919 Lake Dr. Simonton Lake	10:20 AM	8/4/2005	8.31	27.64	6.4	1.77	0	35	225	5
22	Indiana Ave. Elkhart River	8:45 AM	8/4/2005	7.93	24.91	5.4	2	0.3	45	367	65
10	CR 18 Elkhart River	9:10 AM	8/4/2005	7.99	25.03	5.6	4.01	0.1	25	380	174
14	Ash Rd. St. Joe River	11:00 AM	8/4/2005	8.21	27.36	7.4	3.41	0.1	25	321	24
13	N. Main St. Joe River	10:45 AM	8/4/2005	8.16	27.2	6.8	3.26	0.3	35	258	68
12	E. Jackson Elkhart River	10:35 AM	8/4/2005	8.11	25.03	6.6	3.86	0.2	55	365	208
11	Johnson St. St. Joe River	10:25 AM	8/4/2005	8.17	27.43	7.1	3.38	0.1	35	312	15
4	Ideal Beach Heaton Lake	9:30 AM	8/4/2005	8.39	27.92	6.3	0.65	0.1	20	203	180
3	CR 17 St. Joe River	9:20 AM	8/4/2005	7.97	26.23	5	3.03	0.2	40	314	48

SW99

8/31/2005

Site#	Site Location	Time	Date	pH	Temp	DO	NO3	PO4	Cl2	TDS	E. coli
5	22728 Lake Shore Heaton Lake	9:40 AM	8/4/2005	8.12	27.23	4.5	0.61	0	25	204	19
21	Plymouth Ave. Elkhart River	8:30 AM	8/4/2005	7.95	24.54	6.1	1.83	0.4	50	355	43
9	Nappanee St. St. Joe River	11:15 AM	8/4/2005	8.14	26.96	6.6	3.38	0.1	35	320	78
6	51093 Beach Dr. Simonton Lake	9:50 AM	8/4/2005	8.52	27.37	6.3	0.62	0	30	213	26
7	25919 Lake Dr. Simonton Lake	10:35 AM	7/28/2005	8.3	26.25	7.2	1.62	0	35	236	12
22	Indiana Ave. Elkhart River	8:50 AM	7/28/2005	7.79	22.81	6.7	2.58	0.4	40	341	196
10	CR 18 Elkhart River	9:15 AM	7/28/2005	7.87	22.37	6.5	2.99	0.4	50	365	880
3	CR 17 St. Joe River	9:35 AM	7/28/2005	7.9	24.06	6.6	2.58	0.2	30	312	68
4	Ideal Beach Heaton Lake	9:55 AM	7/28/2005	8.22	27.06	6.4	0.58	0.2	25	211	11
6	51093 Beach Dr. Simonton Lake	10:20 AM	7/28/2005	8.26	25.1	6.9	1.02	0.1	35	229	8
21	Plymouth Ave. Elkhart River	8:40 AM	7/28/2005	7.74	22.49	7.1	2.72	0.7	45	337	284
11	Johnson St. St. Joe River	10:45 AM	7/28/2005	8.02	25.7	6.9	3.44	0.2	35	307	38
12	E. Jackson Elkhart River	10:55 AM	7/28/2005	7.96	22.98	7.5	4.16	0.6	50	370	600
13	N. Main St. Joe River	11:05 AM	7/28/2005	8.03	25.57	6.9	3.28	0.3	35	310	121
14	Ash Rd. St. Joe River	11:25 AM	7/28/2006	8.05	25.55	6.8	3.28	0.2	40	315	100
9	Nappanee St. St. Joe River	11:35 AM	7/28/2005	8.02	25.24	6.8	3.23	0.2	40	315	115
5	22728 Lake Shore Heaton Lake	10:10 AM	7/28/2005	8.27	26.77	7.2	0.59	0.2	25	210	14
5	22728 Lake Shore Heaton Lake	10:40 AM	7/21/2005	8.56	29.02	8.1	0.26	0.4	20	202	4
22	Indiana Ave. Elkhart River	9:45 AM	7/21/2005	7.93	24.48	6.8	1.8	0.3	10	384	106
10	CR 18 Elkhart River	9:00 AM	7/21/2006		25	6.6	2.77	0.6	50	399	111
3	CR 17 St. Joe River	9:12 AM	7/21/2005		29	5.6	1.97	0.1	30	302	88
21	Plymouth Ave. Elkhart River	9:35 AM	7/21/2005	7.94	23.68	7.2	1.82	0.7	40	384	68
4	Ideal Beach Heaton Lake	10:30 AM	7/21/2005	8.57	29.1	7.9	0.27	0.4	20	204	8
6	51093 Beach Dr. Simonton Lake	10:50 AM	7/21/2005	8.38	29.06	6.8	0.4	0.2	30	227	1
7	25919 Lake Dr. Simonton Lake	10:55 AM	7/21/2005	8.57	29.2	8.2	0.78	0.3	30	228	3
11	Johnson St. St. Joe River	9:34 AM	7/21/2005		29	7.4	2	0.1	35	303	23
12	E. Jackson Elkhart River	9:47 AM	7/21/2005		27	7.6	2.54	0.5	45	392	147
13	N. Main St. Joe River	9:57 AM	7/21/2005		28	7.6	2.19	0.6	30	339	78
9	Nappanee St. St. Joe River	10:36 AM	7/21/2005			7.4	1.96	0	25	312	72
14	Ash Rd. St. Joe River	10:20 AM	7/21/2005		29	7	2.04	0.2	35	317	59
12	E. Jackson Elkhart River	11:15 AM	7/14/2005	8.21	25.08	8.8	2.43	0.6	65	391	261
5	22728 Lake Shore Heaton Lake	10:15 AM	7/14/2005	8.37	27.61	7.8	0.22	0.2	30	199	41
3	CR 17 St. Joe River	9:40 AM	7/14/2005	8.16	26.23	6.4	1.68	0.4	35	308	72
9	Nappanee St. St. Joe River	12:00 AM	7/14/2005	8.26	26.54	8.4	1.62	0.2	45	314	245
21	Plymouth Ave. Elkhart River	8:40 AM	7/14/2005	8.03	23.39	5.5	1.02	0.8	50	375	75
10	CR 18 Elkhart River	9:15 AM	7/14/2005	8.06	24.2	6.3	1.87	0.6	55	379	141
4	Ideal Beach Heaton Lake	10:00 AM	7/14/2005	8.36	27.89	7.8	0.21	0.5	25	198	9
22	Indiana Ave. Elkhart River	9:00 AM	7/14/2005	8.02	24.09	6.3	1.06	0.5	45	376	37
11	Johnson St. St. Joe River	10:55 AM	7/14/2005	8.27	26.61	8.6	1.56	0.3	45	300	64
7	25919 Lake Dr. Simonton Lake	10:40 AM	7/14/2005	8.46	27.56	8.7	0.81	0.2	45	220	24
13	N. Main St. Joe River	11:25 AM	7/14/2005	8.27	26.59	8.5	1.7	0.3	40	310	86
14	Ash Rd. St. Joe River	11:50 AM	7/14/2005	8.34	26.99	9.4	1.52	0.2	50	314	172
6	51093 Beach Dr. Simonton Lake	10:25 AM	7/14/2005	8.31	27.46	7.5	0.36	0.3	45	224	18
7	25919 Lake Dr. Simonton Lake	10:35 AM	7/17/2005	8.21	25.94	7.7	2.47	0.3	35	237	70
22	Indiana Ave. Elkhart River	9:05 AM	7/17/2005	7.72	22.47	5.8	3.16	0.5	45	394	62
10	CR 18 Elkhart River	9:20 AM	7/17/2005	7.85	22.48	6.3	5.14	0.6	50	412	70

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Site#	Site Location	Time	Date	pH	Temp	DO	NO3	PO4	Cl2	TDS	E coli
3	CR 17 St. Joe River	9:40 AM	7/7/2005	7.88	24.59	5.3	4.06	0.2	35	319	52
4	Ideal Beach Heaton Lake	10:00 AM	7/7/2005	8.08	28.56	6.5	0.85	0.2	15	213	9
6	51093 Beach Dr. Simonton Lake	10:25 AM	7/7/2005	7.99	25.88	6.4	1.37	0.3	35	153	17
21	Plymouth Ave. Elkhart River	8:50 AM	7/7/2005	7.73	22.19	5.7	3.1	0.8	45	393	66
11	Johnson St. St. Joe River	10:50 AM	7/7/2005	8.01	25.67	7.5	4.01	0.4	35	319	15
12	E. Jackson Elkhart River	11:00 AM	7/7/2005	7.97	22.71	7.7	4.92	0.7	55	409	124
13	N. Main St. Joe River	11:10 AM	7/7/2005	8	25.58	7.5	4.21	0.2	35	328	53
14	Ash Rd. St. Joe River	11:25 AM	7/7/2005	8.1	26.17	8.3	4.08	0.3	40	331	28
9	Nappanee St. St. Joe River	11:35 AM	7/7/2005	8	25.24	7.3	4.04	0.2	40	332	64
5	22728 Lake Shore Heaton Lake	10:10 AM	7/7/2005	8.03	25.26	6.5	0.88	0.3	20	212	40
6	22728 Lake Shore Heaton Lake	10:30 AM	8/30/2005	8.03	26.73	4.6	1.89	0.4	25	212	26
21	Plymouth Ave. Elkhart River	8:00 AM	8/30/2005	7.96	24.66	6	1.96	0.8	30	396	132
22	Indiana Ave. Elkhart River	9:25 AM	8/30/2005	7.92	24.9	4.9	2.19	0.4	45	400	60
10	CR 18 Elkhart River	9:45 AM	8/30/2005	8.02	25.1	5.4	3.16	0.5	60	419	164
3	CR 17 St. Joe River	10:00 AM	8/30/2005	8.01	25.73	4.7	2.95	0.3	40	323	104
4	Ideal Beach Heaton Lake	10:20 AM	8/30/2005	8.3	28.92	6.4	2.06	0.3	30	211	256
6	51093 Beach Dr. Simonton Lake	10:45 AM	8/30/2005	8.29	28.77	6.7	2.62	0.4	40	247	227
7	25919 Lake Dr. Simonton Lake	11:00 AM	8/30/2005	8.49	28.8	7.9	3.48	0.3	35	241	48
11	Johnson St. St. Joe River	11:15 AM	8/30/2005	8.15	27.2	7	4.1	0.4	35	323	51
12	E. Jackson Elkhart River	11:25 AM	8/30/2005	8.11	25.03	7.0	5.25	0.6	60	422	149
13	N. Main St. Joe River	11:40 AM	8/30/2005	8.19	27.12	7.2	4.71	0.3	25	368	58
9	Nappanee St. St. Joe River	12:15 PM	8/30/2005	8.19	26.98	7.1	5.07	0.4	45	336	220
14	Ash Rd. St. Joe River	12:00 PM	8/30/2005	8.34	28.02	8.5	5.38	0.2	45	341	20
7	25919 Lake Dr. Simonton Lake	10:25 AM	8/23/2005	8.33	25.6	8.4	2.77	0.2	35	377	940
22	Indiana Ave. Elkhart River	8:50 AM	8/23/2005	7.9	21.09	6.7	3.17	0.3	45	619	102
10	CR 18 Elkhart River	9:10 AM	8/23/2005	8	21.13	6.8	3.84	0.1	50	646	116
3	CR 17 St. Joe River	9:30 AM	8/23/2005	7.4	22.6	5.9	3.33	0.2	35	518	54
4	Ideal Beach Heaton Lake	9:45 AM	8/23/2005	8.28	25.12	8.4	1.77	0.1	25	328	63
21	Plymouth Ave. Elkhart River	8:45 AM	8/23/2005	7.85	20.87	7.0	2.29	0.5	20	617	58
11	Johnson St. St. Joe River	10:45 AM	8/23/2005	8.05	23.63	7.5	3.53	0.1	20	516	22
12	E. Jackson Elkhart River	10:55 AM	8/23/2005	8.06	21.7	8.3	3.66	0.7	55	647	113
13	N. Main St. Joe River	11:05 AM	8/23/2005	8.08	23.75	7.9	3.66	0.1	40	518	24
14	Ash Rd. St. Joe River	11:20 AM	8/23/2005	8.22	24.15	9.1	4.06	0.1	40	536	20
9	Nappanee St. St. Joe River	11:35 AM	8/23/2005	8.12	23.6	7.9	3.9	0.1	40	533	71
5	22728 Lake Shore Heaton Lake	10:05 AM	8/23/2005	8.19	24.82	8.2	1.51	0.1	20	326	24
6	51093 Beach Dr. Simonton Lake	10:10 AM	8/23/2005	8.19	25.23	7.4	1.91	0.4	35	380	7
22	Indiana Ave. Elkhart River	9:10 AM	8/16/2005	7.92	19.6	8.0	3	0.3	50	410	120
21	Plymouth Ave. Elkhart River	8:45 AM	8/16/2005	7.87	19.31	8.1	2.74	0.4	45	410	113
10	CR 18 Elkhart River	9:01 AM	8/16/2005	7.96	0	10	5	0.6	55	100	159
3	CR 17 St. Joe River	9:22 AM	8/16/2005	7.91	0	8.6	3.51	0.5	40	313	80
4	Ideal Beach Heaton Lake	9:45 AM	8/16/2005	8.2	22.71	7.2	0.97	0.2	30	220	2
5	22728 Lake Shore Heaton Lake	9:55 AM	8/16/2005	8.28	22.7	8.1	1.06	0.4	35	220	4
7	25919 Lake Dr. Simonton Lake	10:20 AM	8/16/2005	8.35	22.4	8.6	2.36	0.3	40	260	235
11	Johnson St. St. Joe River	9:50 AM	8/16/2005	7.98	0	8.3	3.58	0.4	45	326	172
12	E. Jackson Elkhart River	10:04 AM	8/16/2005	7.99	0	9.6	5.76	0.5	55	347	117
13	N. Main St. Joe River	10:20 AM	8/16/2005	8.05	0	9.2	4.03	0.3	30	326	62

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Site#	Site Location	Time	Date	pH	Temp	DO	NO3	PO4	Cl2	TDS	E.coli
14	Ash Rd St Joe River	10:44 AM	6/16/2005	8.01	0	8.7	4.07	0.4	40	336	41
9	Nappanee St St Joe River	11:01 AM	6/16/2005	8	0	8.9	4	0.3	45	332	60
6	51093 Beach Dr Simonton Lake	10:05 AM	6/16/2005	8.18	20.11	7.7	1.29	0.2	35	260	20
7	25919 Lake Dr Simonton Lake	10:10 AM	6/9/2005	8.27	26.6	7.5	2.27	0.5	45	248	4
10	CR 18 Elkhart River	9:05 AM	6/9/2005	7.98	23.44	6.0	3.17	0.2	35	407	102
21	Plymouth Ave. Elkhart River	8:30 AM	6/9/2005	8	23.35	6.8	1.83	0.75	50	390	31
22	Indiana Ave. Elkhart River	8:45 AM	6/9/2005	8.02	23.64	6.6	1.95	0.6	50	390	32
3	CR 17 St Joe River	9:20 AM	6/9/2005	7.98	24.57	5.2	2.81	0.3	40	332	56
4	Ideal Beach Heaton Lake	9:35 AM	6/9/2005	8.62	27.19	8.7	1.91	0.4	30	214	40
9	Nappanee St St Joe River	11:10 AM	6/9/2005	8.09	25.55	7	3.33	0.3	50	345	42
6	51093 Beach Dr Simonton Lake	10:00 AM	6/9/2005	8.08	27.82	6.2	1.42	0.3	45	251	0
11	Johnson St St Joe River	10:20 AM	6/9/2005	8.07	25.5	6.9	2.89	0.5	45	336	12
12	E Jackson Elkhart River	10:30 AM	6/9/2005	8.04	23.9	7.3	3.1	0.8	55	408	76
13	N Main St Joe River	10:40 AM	6/9/2005	8.09	25.55	7.2	3.33	0.4	40	335	30
14	Ash Rd St Joe River	11:00 AM	6/9/2005	8.15	25.87	7.7	3.29	0.3	45	349	16
5	22728 Lake Shore Heaton Lake	9:50 AM	6/9/2005	8.47	27.36	8.2	1.44	0.4	35	208	3
5	22728 Lake Shore Heaton Lake	10:00 AM	6/2/2005	8.62	21.79	10	4.64	0	25	223	0
6	51093 Beach Dr Simonton Lake	10:15 AM	6/2/2005	8.12	22.52	7.2	3.14	0.1	30	253	5
21	Plymouth Ave. Elkhart River	8:40 AM	6/2/2005	7.97	19.11	7.8	2.58	0.8	50	384	26
22	Indiana Ave. Elkhart River	8:55 AM	6/2/2005	8.01	18.96	7.7	5.52	0.3	50	363	33
10	CR 18 Elkhart River	9:15 AM	6/2/2005	8	18.53	7.7	4.39	0.2	55	396	69
4	Ideal Beach Heaton Lake	9:55 AM	6/2/2005	8.57	21.4	9.9	4.12	0.1	20	225	5
3	CR 17 St Joe River	9:35 AM	6/2/2005	8	19.6	6.7	4.55	0	40	339	44
11	Johnson St St Joe River	10:45 AM	6/2/2005	8.09	20.62	7.5	4.36	0	40	339	28
9	Nappanee St St Joe River	11:40 AM	6/2/2005	8.07	20.43	7.9	5.7	0.1	40	347	36
12	E Jackson Elkhart River	10:55 AM	6/2/2005	8.05	19.26	8.3	5.24	0	50	399	76
13	N Main St Joe River	11:10 AM	6/2/2005	8.08	20.47	7.6	5.29	0.2	45	346	30
14	Ash Rd St Joe River	11:30 AM	6/2/2005	8.13	20.93	8.1	5.7	0	40	352	11
7	25919 Lake Dr Simonton Lake	10:25 AM	6/2/2005	8.21	21.91	8	4	0	35	248	39
11	Johnson St St Joe River	11:30 AM	5/26/2005	7.37	23.06	11	3.58	0.4	45	321	22
21	Plymouth Ave. Elkhart River	8:55 AM	5/26/2005	7.41	21.27	9.9	2.5	1.2	45	371	40
22	Indiana Ave. Elkhart River	9:25 AM	5/26/2005	7.39	20.88	10	2.72	2.5	40	345	42
10	CR 18 Elkhart River	9:50 AM	5/26/2005	7.38	21.63	10	3.67	0.6	50	321	88
3	CR 17 St Joe River	10:15 AM	5/26/2005	7.38	21.1	10	3.42	0	40	226	31
4	Ideal Beach Heaton Lake	10:40 AM	5/26/2005	7.38	22.02	11	1.48	0	30	265	3
5	22728 Lake Shore Heaton Lake	10:55 AM	5/26/2005	7.37	21.76	10	1.5	3	30	256	2
7	25919 Lake Dr Simonton Lake	11:15 AM	5/26/2005	7.37	22.26	10	2.66	0.3	50	236	2
12	E Jackson Elkhart River	11:45 AM	5/26/2005	7.37	22.88	10	4.16	0.4	60	440	78
13	N Main St Joe River	12:00 PM	5/26/2005	7.37	22.5	10	3.98	0.5	50	338	23
14	Ash Rd St Joe River	12:25 PM	5/26/2005	7.37	22.83	11	3.85	0.3	25	345	25
9	Nappanee St St Joe River	12:40 PM	5/26/2005	7.36	22.17	11	4.27	0.4	35	337	35
6	51093 Beach Dr Simonton Lake	11:05 AM	5/26/2005	7.37	21.89	10	1.96	0.5	50	242	8
6	51093 Beach Dr Simonton Lake	9:45 AM	5/19/2005	8.13	16.56	11	1.27	0.2	40	246	232
14	Ash Rd St Joe River	11:00 AM	5/19/2005	8.19	16.36	11	2.79	0.1	45	341	26
10	CR 18 Elkhart River	8:45 AM	5/19/2005	7.94	15.26	10	1.46	0.4	55	381	120
3	CR 17 St Joe River	9:00 AM	5/19/2005	8.12	15.6	11	2.72	0.3	45	330	36

SW99

8/31/2005

Site#	Site Location	Time	Date	pH	Temp	DO	NO3	PO4	Cl2	TDS	E coli
522728	Lake Shore Heaton Lake	9:15 AM	5/19/2005	8.35	16	12	0.63	0.1	35	230	10
11	Johnson St St Joe River	10:15 AM	5/19/2005	8.23	16.43	12	1.55	0.2	45	330	18
9	Nappanee St St Joe River	11:15 AM	5/19/2005	8.24	16	12	1.47	0	40	333	6700
13	N Main St Joe River	10:45 AM	5/19/2005	8.23	16.35	12	2.42	0	40	334	580
12	E Jackson Elkhart River	10:30 AM	5/19/2005	8.08	15.16	11	1.43	0.1	55	381	218
725919	Lake Dr Simonton Lake	9:30 AM	5/19/2005	8.28	16.3	11	1.38	1.4	35	238	9
11	Johnson St St Joe River	10:20 AM	5/12/2005	7.54	16.28	12	2.56	0.1	40	426	70
3	CR 17 St Joe River	9:20 AM	5/12/2005	7.57	17.45	12	2.25	0.2	40	418	57
522728	Lake Shore Heaton Lake	9:35 AM	5/12/2005	7.52	16.46	12	1.13	0	25	421	10
725919	Lake Dr Simonton Lake	10:00 AM	5/12/2005	7.54	16.4	13	2.2	0	35	422	1
12	E Jackson Elkhart River	10:35 AM	5/12/2005	7.55	16.16	13	2.95	0	50	428	198
13	N Main St Joe River	10:45 AM	5/12/2005	7.57	16.25	13	3.26	0	35	430	102
14	Ash Rd St Joe River	11:05 AM	5/12/2005	7.56	16.98	13	3.11	0	35	432	57
9	Nappanee St St Joe River	11:20 AM	5/12/2005	7.62	17.58	12	3.18	0	40	433	84
10	CR 18 Elkhart River	8:55 AM	5/12/2005	7.53	19.58	11	2.15	0.7	45	417	64
651093	Beach Dr Simonton Lake	9:49 AM	5/12/2005	7.53	16.4	12	1.91	0.1	35	422	13
10	CR 18 Elkhart River	8:30 AM	5/5/2005	8.04	10.1	9.5	3.6	0.2	50	0	38
3	CR 17 St Joe River	8:50 AM	5/5/2005	8.1	10.1	9.9	3.9	0	30	0	5
725919	Lake Dr Simonton Lake	9:30 AM	5/5/2005	8.2	11.3	9.8	24	0	35	0	1
522728	Lake Shore Heaton Lake	9:05 AM	5/5/2005	8.2	11.3	9.6	0.5	0	20	0	3
651093	Beach Dr Simonton Lake	9:20 AM	5/5/2005	8.2	11.3	9.8	2.3	0	35	0	0
12	E Jackson Elkhart River	9:55 AM	5/5/2005	8	10.6	10	4	0.6	50	0	28
13	N Main St Joe River	10:05 AM	5/5/2005	8.2	11.5	11	4.1	0.4	40	0	6
9	Nappanee St St Joe River	10:45 AM	5/5/2005	8.2	11.4	11	4	0.2	40	0	6
11	Johnson St St Joe River	9:45 AM	5/5/2005	8.1	11.6	11	4.1	0.2	35	0	4
14	Ash Rd St Joe River	10:30 AM	5/5/2005	8.2	11.3	10	4.1	0.5	40	0	4