

SHAFFER DITCH CR 113 & CR 26

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E.COLI	WET	RAINING
4/16/2013	8:20 AM		YSI INOPERABLE			1.39	0.176	8.4	6	540	Y	N
4/23/2013	8:20 AM		YSI INOPERABLE			2.68	0.261	9	14	73	N	N
4/30/2013	8:15 AM		YSI INOPERABLE				0.204	7.8	4	263	N	N
5/7/2013	8:20 AM		YSI INOPERABLE				0.116	6.9	4	410	N	N
5/14/2013	8:20 AM	10.4	6.78	638.5	7.27	0.01	0.122	10.1	329	3	N	N
5/21/2013	8:20 AM		YSI INOPERABLE				0.117	8.3	2	1160	N	N
5/28/2013	8:15 AM	13	5.63	604.2	7.25	0.05	0.135	8.6	5	1260	Y	N
6/4/2013	8:15 AM	11.2	6.49	653.6	7.44	0.07	0.119	14.8	1	1495	N	N
6/11/2013	8:20 AM	14.5	6.17	649	7.12	0.05	0.134	10.7	2	3500	Y	N
6/18/2013	8:20 AM	15.6	5.86	557	7.02	0.15	0.131	9.5	3	4700	N	N
6/25/2013	8:15 AM	16.7	5.24	629	7.14	0.08	0.175	9.9	4	3550	Y	N
7/2/2013	8:20 AM	15.1	5.23	552	7.12	0.04	1.26	15.4	8	306	N	N
7/9/2013	8:10 AM	16.7	5.72	658	7.19	0.18	0.226	14.2	45	3175	N	N
7/16/2013	8:25 AM		YSI INOPERABLE				0.216	9.1	54	6833	N	N
7/23/2013	8:25 AM	18.9	5.14	574	7.14	0.08	0.241	10.1	10	915	Y	N
7/30/2013	8:20 AM	14	6.16	656	7.16	0.12	0.22	9	7	529	N	N
8/6/2013	8:20 AM	16.3	5.91	503.2	7.28	13.17	0.218	8.8	132	8600	Y	N
8/13/2013	8:25 AM		YSI INOPERABLE				0.201	8.4	9	9450	N	N
8/20/2013	8:25 AM		YSI INOPERABLE				0.235	10.8	68	3800	N	N
8/27/2013	8:15 AM		YSI INOPERABLE				0.413	17.3	53	2200	N	N
9/3/2013	8:30 AM	16.3	6.01	661	7.48	5.55	0.25	12.1	33	1040	N	N
9/10/2013	8:25 AM	21.7	4.8	667	7.46	5.97	0.314	10.5	246	2850	N	N
9/17/2013	8:30 AM		NOT ENOUGH WATER TO SAMPLE									
9/24/2013	8:20 AM		NOT ENOUGH WATER TO SAMPLE									

SIMONTON LAKE 51330 SR 19

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/18/2013	11:00 AM		YSI inoperable			0.819	0.041	3		31	Y	N
4/25/2013	10:55 AM		YSI inoperable			0.779	0.038	8.3		1	Y	N
5/2/2013	11:00 AM		YSI inoperable				0.063	9.7		33	N	N
5/9/2013	11:00 AM	20.2	4.7	395.5	7.21	0.04	0.071	10.1		3	N	N
5/16/2013	11:15 AM	19.4	6.11	396.3	7.27	0.04	0.068	9.8		40	N	N
5/23/2013	10:55 AM	21.4	5.28	396.6	7.18	0.02	0.049	9		122	N	N
5/30/2013	11:20 AM	21.9	6.32	395.4	7.31	0.02	0.038	10.9		38	N	N
6/6/2013	11:15 AM	21.6	6.18	391.4	7.02	0.01	0.047	13.1		4	N	N
6/13/2013	11:40 AM	23.9	5.92	386.8	7.1	0.11	0.058	8.9		61	Y	N
6/20/2013	11:20 AM	27.4	5.86	378	7.05	0.06	0.055	11.2		45	N	N
6/27/2013	11:05 AM	26	5.26	382.6	7.06	0.06	0.088	9.5		296	Y	N
7/11/2013	11:20 AM		YSI inoperable				0.075	10.3		92	N	N
7/18/2013	11:05 AM	29.6	6.34	364.8	7.01	0.12	0.071	18.8		25	N	N
7/25/2013	12:10 PM	25.7	5.33	351.8	7.18	1.12	0.082	9.5		125	N	N
8/1/2013	11:15 AM	22.4	5.99	368.2	7.24	0.18	0.092	11.1		156	N	N
8/8/2013	11:15 AM	24.2	6.08	431	7.04	3.18	0.108	9.8		50	Y	N
8/15/2013	11:20 AM		YSI inoperable				0.094	11.1		10	N	N
8/22/2013	11:05 AM		YSI inoperable				0.074	13.4		74	N	N
8/29/2013	11:35 AM	26.6	6.42	359.8	7.44	4.46	0.09	11.7		52	N	N
9/5/2013	11:30 AM	23.3	5.98	367.1	7.42	3.79	0.065	10.5		87	N	N
9/12/2013	11:15 AM	25.2	6.28	346.1	7.26	2.46	0.072	14.9		44	N	N
9/19/2013			Heavy thunderstorms - no sample collected									
9/26/2013	11:30 AM	19.1	6.12	365.5	7.43	0.31	0.078	12.8		64	N	N

APPENDIX

ONE

SHAFFER DITCH CR 113 & CR 26

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E.COLI	WET	RAINING
4/16/2013	8:20 AM		YSI INOPERABLE			1.39	0.176	8.4	6	540	Y	N
4/23/2013	8:20 AM		YSI INOPERABLE			2.68	0.261	9	14	73	N	N
4/30/2013	8:15 AM		YSI INOPERABLE				0.204	7.8	4	263	N	N
5/7/2013	8:20 AM		YSI INOPERABLE				0.116	6.9	4	410	N	N
5/14/2013	8:20 AM	10.4	6.78	638.5	7.27	0.01	0.122	10.1	329	3	N	N
5/21/2013	8:20 AM		YSI INOPERABLE				0.117	8.3	2	1160	N	N
5/28/2013	8:15 AM	13	5.63	604.2	7.25	0.05	0.135	8.6	5	1260	Y	N
6/4/2013	8:15 AM	11.2	6.49	653.6	7.44	0.07	0.119	14.8	1	1495	N	N
6/11/2013	8:20 AM	14.5	6.17	649	7.12	0.05	0.134	10.7	2	3500	Y	N
6/18/2013	8:20 AM	15.6	5.86	557	7.02	0.15	0.131	9.5	3	4700	N	N
6/25/2013	8:15 AM	16.7	5.24	629	7.14	0.08	0.175	9.9	4	3550	Y	N
7/2/2013	8:20 AM	15.1	5.23	552	7.12	0.04	1.26	15.4	8	306	N	N
7/9/2013	8:10 AM	16.7	5.72	658	7.19	0.18	0.226	14.2	45	3175	N	N
7/16/2013	8:25 AM		YSI INOPERABLE				0.216	9.1	54	6833	N	N
7/23/2013	8:25 AM	18.9	5.14	574	7.14	0.08	0.241	10.1	10	915	Y	N
7/30/2013	8:20 AM	14	6.16	656	7.16	0.12	0.22	9	7	529	N	N
8/6/2013	8:20 AM	16.3	5.91	503.2	7.28	13.17	0.218	8.8	132	8600	Y	N
8/13/2013	8:25 AM		YSI INOPERABLE				0.201	8.4	9	9450	N	N
8/20/2013	8:25 AM		YSI INOPERABLE				0.235	10.8	68	3800	N	N
8/27/2013	8:15 AM		YSI INOPERABLE				0.413	17.3	53	2200	N	N
9/3/2013	8:30 AM	16.3	6.01	661	7.48	5.55	0.25	12.1	33	1040	N	N
9/10/2013	8:25 AM	21.7	4.8	667	7.46	5.97	0.314	10.5	246	2850	N	N
9/17/2013	8:30 AM		NOT ENOUGH WATER TO SAMPLE									
9/24/2013	8:20 AM		NOT ENOUGH WATER TO SAMPLE									

HOKE DITCH CR 11

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/16/2013	8:30 AM		YSI INOPERABLE			4.1	1.1	21.1	74	1773	Y	N
4/23/2013	8:30 AM		YSI INOPERABLE			7.56	0.937	9.5	22	490	N	N
4/30/2013	8:25 AM		YSI INOPERABLE				0.841	9	5	161	N	N
5/7/2013	8:30 AM		YSI INOPERABLE				0.394	13.6	4	56	N	N
5/14/2013	8:35 AM	11.8	3.76	649.2	7.12	0.03	0.986	10.8	4	68	N	N
5/21/2013	8:35 AM		YSI INOPERABLE				0.966	10.2	4	340	N	N
5/28/2013	8:30 AM	14.6	2.83	590.8	7.35	0.04	0.954	9.8	6	2725	Y	N
6/4/2013	8:40 AM	14.1	2.93	690	7.42	0.11	0.609	16.9	23	196	N	N
6/11/2013	8:35 AM	17.4	2.09	685	7.18	0.14	0.841	16.7	3	37800	Y	N
6/18/2013	8:35 AM	18.9	2.08	702	7.05	0.11	0.488	11.7	4	267	N	N
6/25/2013	8:30 AM	19.8	1.34	676	7.13	0.16	0.948	13	11	700	Y	N
7/2/2013	8:35 AM	17.1	2.77	686	7.16	0.07	1.96	16.2	5	515	N	N
7/9/2013	8:30 AM	19.4	2.31	676	7.14	0.07	0.998	15.6	5	1205	N	N
7/16/2013	8:35 AM		YSI INOPERABLE				0.771	12.3	14	500	N	N
7/23/2013	8:40 AM	20.9	1.01	702	7.04	0.13	2.3	13.2	15	101600	Y	N
7/30/2013	8:30 AM	14.1	1.8	730	7.18	0.04	3.03	12.2	15	1530	N	N
8/6/2013	8:30 AM	17.4	2.57	519.8	7.38	12.44	2.98	12.8	138	8000	Y	N
8/13/2013	8:35 AM		YSI INOPERABLE				3.55	8.7	10	440	N	N
8/20/2013	8:35 AM		YSI INOPERABLE				1.06	10.2	8	2375	N	N
8/27/2013	8:30 AM		YSI INOPERABLE				1.2	9.7	18	2275	N	N
9/3/2013	8:40 AM	13.6	1.81	698	7.54	7.63	2.2	7.1	127	250	N	N
9/10/2013	8:40 AM	18.6	2.43	565	7.57	4.3	0.877	9	16	1425	N	N
9/17/2013	8:40 AM	10.7	4.42	541.4	7.4	2.42	0.71	11	17	630	N	N
9/25/2013	8:25 AM		NOT ENOUGH WATER TO SAMPLE									

OWL CREEK CR 11

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/16/2013	8:40 AM					4.16	2.77	31.8	218	7200	Y	N
4/23/2013	8:40 AM			YSI INOPERABLE		5.73	0.65	13	23	540	N	N
4/30/2013	8:35 AM			YSI INOPERABLE			0.724	14	3	298	N	N
5/7/2013	8:40 AM			YSI INOPERABLE			0.147	13.3	4	112	N	N
5/14/2013	8:45 AM	10.2	5.01	724	7.52	0.02	0.403	19.6	9	156	N	N
5/21/2013	8:45 AM			YSI INOPERABLE			0.359	16.2	11	2625	N	N
5/28/2013	8:40 AM	13.7	4.85	591.5	7.52	0.05	0.398	17.8	52	30000	Y	N
6/4/2013	8:55 AM	12	5.7	673	7.62	0.08	0.305	15.2	7	525	N	N
6/11/2013	8:45 AM	15.7	5.4	682	7.16	0.16	0.385	16.9	9	15600	Y	N
6/18/2013	8:45 AM	16.5	4.02	711	7.21	0.16	1.22	15.4	157	1140	N	N
6/25/2013	8:40 AM	17.4	2.38	648	7.09	0.21	0.417	21.6	12	8300	Y	N
7/2/2013	8:45 AM	16.8	4.61	722	7.09	0.16	0.476	18.4	10	720	N	N
7/9/2013	8:35 AM	18.6	3.47	687	7.12	0.23	0.452	18.8	24	1100	N	N
7/16/2013	8:45 AM			YSI INOPERABLE			0.82	17.1	86	1080	N	N
7/23/2013	8:45 AM	19	3.9	742	7.06	0.1	1.63	5.4	107	8000	Y	N
7/30/2013	8:40 AM	13.7	4.64	759	7.23	0.09	0.649	16	64	1080	N	N
8/6/2013	8:40 AM	16.2	3.45	638	7.23	13.19	0.724	15.8	109	3325	Y	N
8/13/2013	8:45 AM			YSI INOPERABLE			0.589	15.3	35	2775	N	N
8/20/2013	8:45 AM			YSI INOPERABLE			0.908	18	70	1120	N	N
8/27/2013	8:35 AM			YSI INOPERABLE			0.711	23.5	75	620	N	N
9/3/2013	8:55 AM	15.1	2.85	723	7.66	9.15	0.636	15.4	46	455	N	N
9/10/2013	8:50 AM	17.9	2.15	718	7.61	5.12	0.564	18.8	67	470	N	N
9/17/2013	8:50 AM	11.1	4.69	744	7.44	3.72	0.338	20	64	230	N	N
9/24/2013	8:35 AM	11.7	2.93	764	7.36	0.4	0.602	24.8	62	920	N	N

YELLOW CREEK CR 32

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/16/2013	8:50 AM		YSI INOPERABLE			3.62	2.36	25.2	284	19100	Y	N
4/23/2013	8:45 AM		YSI INOPERABLE			8.8	0.832	14.4	22	778	N	N
4/30/2013	8:40 AM		YSI INOPERABLE				0.831	14.6	4	236	N	N
5/7/2013	8:50 AM		YSI INOPERABLE				0.314	14.2	2	184	N	N
5/14/2013	8:55 AM	11.2	5.78	691	7.48	0.05	0.81	20.2	3	212	N	N
5/21/2013	8:55 AM		YSI INOPERABLE				0.704	14.5	4	3250	N	N
5/28/2013	8:50 AM	14.5	5.41	692	7.69	0.04	0.712	19.8	14	26000	Y	N
6/4/2013	9:05 AM	13.7	6.33	707	7.51	0.12	0.73	22.6	4	935	N	N
6/11/2013	8:55 AM	17.2	4.87	701	7.07	0.13	0.773	24.3	3	4700	Y	N
6/18/2013	8:55 AM	18.6	4.91	714	7.07	0.16	0.683	15.3	5	1385	N	N
6/25/2013	8:45 AM	19.9	4.19	719	7.15	0.15	0.771	18.8	9	6900	Y	N
7/2/2013	9:00 AM	16.7	5.37	788	7.1	0.13	0.696	20.2	11	2200	N	N
7/9/2013	8:45 AM	19.1	4.87	777	7.18	0.12	0.776	22.4	8	1410	N	N
7/16/2013	9:00 AM		YSI INOPERABLE				0.834	17.8	10	795	N	N
7/23/2013	9:00 AM	20.8	4.49	717	7.05	0.13	1.64	6.1	20	81200	Y	N
7/30/2013	8:50 AM	15.1	5.82	771	7.07	0.11	0.735	18.9	6	1215	N	N
8/6/2013	8:45 AM	17.2	5.75	539	7.56	17.7	0.821	18.4	39	19400	Y	N
8/13/2013	8:55 AM		YSI INOPERABLE				0.904	18.5	8	960	N	N
8/20/2013	8:55 AM		YSI INOPERABLE				0.688	18.1	5	660	N	N
8/27/2013	8:45 AM		YSI INOPERABLE				0.838	19.3	15	550	N	N
9/3/2013	9:05 AM	16.6	4.71	715	7.45	8.32	0.887	16.9	23	535	N	N
9/10/2013	9:00 AM	20.1	3.57	740	7.47	5.84	0.772	16.6	17	1350	N	N
9/17/2013	9:00 AM	11.8	5.74	707	7.02	3.69	0.608	22	5	1450	N	N
9/24/2013	8:45 AM	12.2	5.87	731	7.4	0.74	0.962	23.9	5	2650	N	N

LITTLE YELLOW CREEK, CR 13

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/16/2013	8:50 AM		YSI INOPERABLE			3.11	3.35	18.3	244	35000	Y	N
4/23/2013	8:55 AM		YSI INOPERABLE			8.06	0.572	8.8	28	1050	N	N
4/30/2013	8:45 AM		YSI INOPERABLE				0.628	10.2	19	420	N	N
5/7/2013	8:55 AM		YSI INOPERABLE				0.482	8	8	180	N	N
5/14/2013	9:05 AM	10.3	5.97	742	7.58	0.04	0.795	18.6	10	168	N	N
5/21/2013	9:05 AM		YSI INOPERABLE				0.729	19	15	2900	N	N
5/28/2013	9:00 AM	14.3	5.24	631	7.46	0.07	2.32	20.2	47	210000	Y	N
6/4/2013	9:15 AM	12.7	4.31	791	7.4	0.08	0.997	23.3	3	183	N	N
6/11/2013	9:05 AM	16.2	2.99	734	7.28	0.15	0.596	15.5	3	10000	Y	N
6/18/2013	9:05 AM	17.7	2.34	729	7.15	0.28	0.527	9.1	5	220	N	N
6/25/2013	8:55 AM	20	0.69	709	7.14	0.09	0.625	11	3	388	Y	N
7/2/2013	9:05 AM	17	1.04	674	7.18	0.14	0.762	18.8	2	400	N	N
7/9/2013	8:55 AM	19.7	1.25	708	7.17	0.14	0.685	18.2	7	152	N	N
7/16/2013	9:05 AM		YSI INOPERABLE				1.19	10	24	430	N	N
7/23/2013	9:05 AM	19.8	1.62	734	7.03	0.05	1.36	12.9	8	3800	N	N
7/30/2013	8:55 AM	14.5	1.75	787	7.26	0.25	0.797	14.7	4	530	N	N
8/6/2013	8:55 AM	17	0.31	727	7.43	14.51	0.76	15.2	3	610	Y	N
8/13/2013	9:00 AM		YSI INOPERABLE				1.01	12.1	3	500	N	N
8/20/2013	9:05 AM		YSI INOPERABLE				0.95	13.8	43	665	N	N
8/27/2013	8:50 AM		YSI INOPERABLE				3.18	16.1	90	3650	N	N
9/3/2013	9:15 AM	16.5	0.62	823	7.48	7.44	1.29	15.3	20	840	N	N
9/10/2013	9:10 AM	19.5	0.55	762	7.46	5.83	1.34	10.7	19	128	N	N
9/17/2013	9:05 AM	11.3	1.9	765	7.29	3.1	0.812	16	44	166	N	N
9/24/2013	8:55 AM	10.5	1.25	770	7.54	0.65	0.831	18.7	55	4800	N	N

YELLOW CREEK CR 138

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/16/2013	9:10 AM		YSI INOPERABLE			4.09	1.96	16.2	196	18167	Y	N
4/23/2013	9:10 AM		YSI INOPERABLE			10.8	0.774	12.3	23	4075	N	N
4/30/2013	9:00 AM		YSI INOPERABLE				0.771	11.4	6	640	N	N
5/7/2013	9:10 AM		YSI INOPERABLE				0.729	21.9	4	510	N	N
5/14/2013	9:20 AM	10.7	7	730	7.68	0.1	0.898	22.4	9	320	N	N
5/21/2013	9:15 AM		YSI INOPERABLE				0.86	20.9	6	7600	N	N
5/28/2013	9:25 AM	14.6	4.29	721	7.64	0.07	1.86	22.2	43	>200000	Y	N
6/4/2013	9:30 AM	13.6	5.69	710	7.51	0.14	0.98	22.6	4	3200	N	N
6/11/2013	9:20 AM	17.2	4.63	726	7.22	0.21	1.19	23.3	68	5600	Y	N
6/18/2013	9:20 AM	18.4	4.18	747	7.13	0.25	0.759	22.1	11	2225	N	N
6/25/2013	9:10 AM	19.1	5.02	649	7.16	0.47	1.55	16.1	39	132000	Y	N
7/2/2013	9:25 AM	16.6	5.65	794	7.13	0.15	0.976	22.8	38	4000	N	N
7/9/2013	9:10 AM	19.9	4.4	857	7.16	0.16	1.23	21.6	5	1975	N	N
7/16/2013	9:20 AM		YSI INOPERABLE				1.2	36.2	7	2475	N	N
7/23/2013	9:20 AM	20.4	4.61	758	7.05	0.18	1.74	7.6	10	34600	Y	N
7/30/2013	9:10 AM	15.8	5.03	963	7.4	0.28	1.3	43.4	27	2800	N	N
8/6/2013	9:10 AM	17.5	5.06	729	7.3	13.91	1.45	52.8	75	15200	Y	N
8/13/2013	9:10 AM		YSI INOPERABLE				1.75	41.3	9	2000	N	N
8/20/2013	9:20 AM		YSI INOPERABLE				1.26	47.2	74	1650	N	N
8/27/2013	9:05 AM		YSI INOPERABLE				1.57	40.5	108	3350	N	N
9/3/2013	9:30 AM	17.6	2.61	883	7.51	8.82	1.82	44.3	21	1000	N	N
9/10/2013	9:25 AM	20.7	0.84	1047	7.48	5.31	1.56	57.5	34	341	N	N
9/17/2013	9:25 AM	12.9	2.45	1077	7.39	3.19	1.51	104.6	11	150	N	N
9/24/2013	9:10 AM	12.1	3.35	979	7.65	1.03	4.26	63.2	9	4000	N	N

YELLOW CREEK CR 11

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/16/2013	9:20 AM		YSI INOPERABLE			6.05	1.62	19.9	76	5600	Y	N
4/23/2013	9:20 AM		YSI INOPERABLE			9.07	0.637	11.8	26	71	N	N
4/30/2013	9:10 AM		YSI INOPERABLE				0.547	12.2	7	133	N	N
5/7/2013	9:20 AM		YSI INOPERABLE				0.795	13.3	5	156	N	N
5/14/2013	9:30 AM	11.8	3.53	563.1	7.42	0.03	3.01	25.4	13	108	N	N
5/21/2013	9:25 AM		YSI INOPERABLE				2.11	23.4	13	1883	N	N
5/28/2013	9:30 AM	15	4.71	528	7.61	0.08	3.02	25.2	64	6400	Y	N
6/4/2013	9:40 AM	14.6	3.34	529.9	7.4	0.15	0.576	14.2	5	210	N	N
6/11/2013	9:30 AM	18.8	2.58	541.8	7.26	0.1	0.659	17.3	4	318	Y	N
6/18/2013	9:35 AM	18.8	2.06	581	7.17	0.17	0.55	14.1	4	770	N	N
6/25/2013	9:20 AM	20.9	0.79	671	7.15	0.19	0.882	18.5	7	2800	Y	N
7/2/2013	9:35 AM	17.3	1.24	636	7.13	0.13	0.876	24.2	3	242	N	N
7/9/2013	9:20 AM	21.8	0.31	689	7.17	0.18	0.898	24.8	5	164	N	N
7/16/2013	9:30 AM		YSI INOPERABLE				4.31	20	74	1540	N	N
7/23/2013	9:30 AM	21.3	1.5	648	7.12	0.17	1.7	11	47	1305	Y	N
7/30/2013	9:20 AM	16.6	0.89	978	7.17	0.25	2.22	52.2	36	259	N	N
8/6/2013	9:20 AM	17.8	0.29	647	7.33	12.51	5.98	56.2	56	1045	Y	N
8/13/2013	9:25 AM		YSI INOPERABLE				3.49	22.5	88	3150	N	N
8/20/2013	9:30 AM		YSI INOPERABLE				4.95	30.8	65	8000	N	N
8/27/2013	9:15 AM		YSI INOPERABLE				5.19	23.5	58	9800	N	N
9/3/2013	9:40 AM	18.1	0.49	798	7.42	8.79	5.73	34	63	600	N	N
9/10/2013	9:35 AM	20.5	0.11	906	7.4	6.01	5.29	33.2	39	212	N	N
9/17/2013	9:35 AM	11.7	0.81	827	7.42	3.32	4.02	38.6	123	72	N	N
9/24/2013	9:20 AM	12	1.16	767	7.4	0.72	4.39	33.7	79	63	N	N

WEAVER DITCH CR 44

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E.COLI	WET	RAINING
4/16/2013	9:30 AM		YSI INOPERABLE			3.44	3.3	20.3	52	28000	Y	N
4/23/2013	9:30 AM		YSI INOPERABLE			11.8	0.837	20.8	4	333	N	N
4/30/2013	9:20 AM		YSI INOPERABLE				0.624	18.6	4	3100	N	N
5/7/2013	9:30 AM		YSI INOPERABLE				1.76	23.8	4	127	N	N
5/14/2013	9:45 AM	10.3	7.11	9.22	7.44	0.07	6.28	62.2	7	730	N	N
5/21/2013	9:35 AM		YSI INOPERABLE				5.38	59.2	17	38200	N	N
5/28/2013	9:45 AM	14.3	3.12	868	7.11	0.19	6.08	64.2	37	500000	Y	N
6/4/2013	9:50 AM	12.8	2.31	1069	7.19	0.3	0.927	26.8	8	880	N	N
6/11/2013	9:50 AM	18.6	2.01	728.2	7.21	0.26	5.8	46.6	30	77000	Y	N
6/18/2013	9:45 AM	16.8	1.78	992	7.15	0.2	4.03	39.9	26	15400	N	N
6/25/2013	9:30 AM	18.2	1.18	1464	7.19	0.23	8.59	76.4	124	500000	Y	N
7/2/2013	9:45 AM	17.9	0.09	987	7.07	0.16	3.08	38.6	27	5200	N	N
7/9/2013	9:30 AM	19	0.23	1111	7.19	0.16	7.98	54.8	175	83636	N	N
7/16/2013	9:40 AM		YSI INOPERABLE				TNTC	234.6	29	520000	N	N
7/23/2013	9:40 AM	19.6	0.72	1850	7.1	1.12	6.39	142.8	17	119091	Y	N
7/30/2013	9:30 AM	13.8	0.47	1559	7.28	0.37	6.45	105.7	251	15200	N	N
8/6/2013	9:30 AM	17.6	0.43	1344	7.27	16.61	7.14	112.8	176	4600000	Y	N
8/13/2013	9:35 AM		YSI INOPERABLE				10.5	162.4	108	2782	N	N
8/20/2013	9:40 AM		YSI INOPERABLE				5.77	107.3	256	1553	N	N
8/27/2013	9:25 AM		YSI INOPERABLE				8.52	123.3	160	26000	N	N
9/3/2013	9:50 AM	15.7	0.32	2101	7.82	10.47	12.5	182.8	112	18199	N	N
9/10/2013	9:45 AM	20.1	0.46	1531	7.82	7.38	9.44	90.5	154	36000	N	N
9/17/2013	9:45 AM	11.6	0.98	1791	7.57	12.15	8.41	202.9	295	3700	N	N
9/24/2013	9:30 AM	10.7	0.41	1403	7.77	0.87	5.5	113	44	10400	N	N

TURKEY CREEK CR 17

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/16/2013	9:50 AM		YSI INOPERABLE			1.66	0.964	19.9	81	2500	Y	N
4/23/2013	9:50 AM		YSI INOPERABLE			5.48	0.209	11.5	26	178	N	N
4/30/2013	9:35 AM		YSI INOPERABLE				0.212	12.4	14	82	N	N
5/7/2013	9:50 AM		YSI INOPERABLE				0.181	11.3	11	56	N	N
5/14/2013	10:00 AM	14.2	6.2	492.8	7.42	0.02	0.402	16.8	9	74	N	N
5/21/2013	10:05 AM		YSI INOPERABLE				0.358	15.9	12	1340	N	N
5/28/2013	10:20 AM	15	5.34	573.8	7.47	0.04	0.398	16.6	30	13200	Y	N
6/4/2013	10:15 AM	17.2	5.45	540.4	7.52	0.07	0.379	9.9	19	405	N	N
6/11/2013	10:10 AM	19.6	5.02	520.3	7.18	0.12	0.227	11.7	10	390	Y	N
6/18/2013	10:05 AM	21	4.78	539.4	7.12	0.11	0.183	9.3	11	610	N	N
6/25/2013	9:50 AM	19.2	5.02	693	7.08	0.2	0.163	14.1	5	740	Y	N
7/2/2013	10:05 AM	18.2	5.03	572.2	7.18	0.08	0.176	12.4	8	550	N	N
7/9/2013	9:50 AM	19.9	5.29	684	7.13	0.08	0.182	13.6	6	650	N	N
7/16/2013	10:00 AM		YSI INOPERABLE				0.202	15.3	4	510	N	N
7/23/2013	9:55 AM	21.5	4.82	545	7.01	0.26	0.323	12.3	5	1669	Y	N
7/30/2013	9:55 AM	15.9	6.14	695	7.16	0.21	0.182	12.5	3	252	N	N
8/6/2013	9:50 AM	17.7	5.65	668	7.42	17.34	0.28	14.6	3	401	N	N
8/13/2013	10:35 AM		YSI INOPERABLE				0.192	14.3	4	500	N	N
8/20/2013	10:00 AM		YSI INOPERABLE				0.16	19.8	2	260	N	N
8/27/2013	10:15 AM		YSI INOPERABLE				0.203	22	4	455	N	N
9/3/2013	10:25 AM	17.1	5.83	776	7.41	6.62	0.229	21.6	2	415	N	N
9/10/2013	10:05 AM	19.9	5.56	786	7.48	5.78	0.195	21	4	284	N	N
9/17/2013	10:15 AM	12.6	6.43	774	7.48	2.96	0.198	25.9	2	300	N	N
9/24/2013	10:30 AM	12.8	6.79	730	7.27	0.84	0.184	20.9	1	279	N	N

TURKEY CREEK CR 50

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/16/2013	10:00 AM		YSI INOPERABLE			2.4	0.652	22.7	57	440	Y	N
4/23/2013	10:00 AM		YSI INOPERABLE			5.86	0.242	12.1	35	247	N	N
4/30/2013	9:45 AM		YSI INOPERABLE				0.242	11.8	16	124	N	N
5/7/2013	10:05 AM		YSI INOPERABLE				0.248	8.7	14	52	N	N
5/14/2013	10:15 AM	14.2	6.05	488.9	7.43	0.02	0.089	12.1	11	102	N	N
5/21/2013	10:20 AM		YSI INOPERABLE				0.089	12.5	8	216	N	N
5/28/2013	10:35 AM	14.3	5.4	623.1	7.55	0.03	0.096	12.4	20	2300	Y	N
6/4/2013	10:30 AM	16.9	5.29	548.1	7.69	0.08	0.272	10.7	19	280	N	N
6/11/2013	10:20 AM	19.3	4.83	529.3	7.21	0.14	0.21	11.3	12	595	Y	N
6/18/2013	10:20 AM	21.1	4.89	645	7.15	0.13	0.203	9	12	332	N	N
6/25/2013	10:00 AM	19.6	4.67	888	7.15	0.23	0.178	16.5	4	306	Y	N
7/2/2013	10:15 AM	17.9	5.31	584	7.16	0.09	0.214	10.8	7	620	N	N
7/9/2013	10:05 AM	20	4.83	668	7.17	0.12	0.196	12.2	4	670	N	N
7/16/2013	10:15 AM		YSI INOPERABLE				0.201	16	3	490	N	N
7/23/2013	10:05 AM	21.6	4.86	532.7	7.03	0.27	0.316	14.8	5	2000	Y	N
7/30/2013	10:05 AM	16.1	5.11	701	7.02	0.12	0.173	14	4	124	N	N
8/6/2013	10:05 AM	17.4	5.54	672	7.32	15.47	0.158	12.2	4	356	Y	N
8/13/2013	10:50 AM		YSI INOPERABLE				0.194	15.8	2	212	N	N
8/20/2013	10:10 AM		YSI INOPERABLE				0.178	19.5	4	140	N	N
8/27/2013	10:25 AM		YSI INOPERABLE				0.216	19.9	3	124	N	N
9/3/2013	10:35 AM	18.1	5.48	762	7.42	7.01	0.209	18.8	2	130	N	N
9/10/2013	10:20 AM	20.7	5.78	763	7.28	6.14	0.203	18.2	2	123	N	N
9/17/2013	10:30 AM	13.8	6.29	764	7.4	2.48	0.199	29.6	2	180	N	N
9/24/2013	10:45 AM	13.3	6.44	723	7.41	0.68	0.197	23.3	1	160	N	N

SWOVELAND DITCH CR 21

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/16/2013	10:15 AM		YSI INOPERABLE			5.6	2.63	26.7	194	2015	Y	N
4/23/2013	10:15 AM		YSI INOPERABLE			5.94	1.19	10.8	18	260	N	N
4/30/2013	9:50 AM		YSI INOPERABLE				1.24	10.2	6	1340	N	N
5/7/2013	10:15 AM		YSI INOPERABLE				0.553	11.7	3	560	N	N
5/14/2013	10:25 AM	13.5	6.77	575.8	7.54	0.07	0.792	10.8	6	320	N	N
5/21/2013	10:30 AM		YSI INOPERABLE				0.783	9.6	8	595	N	N
5/28/2013	10:45 AM	14.9	4.56	562.4	7.63	0.08	2.6	20.6	15	4900	Y	N
6/4/2013	10:45 AM	15.4	4.07	692	7.49	0.22	0.693	14.8	1	780	N	N
6/11/2013	10:30 AM	19.4	2.68	622	7.18	0.26	0.779	13.4	5	920	Y	N
6/18/2013	10:30 AM	21.3	2.14	674	7.12	0.31	0.717	11.5	6	1020	N	N
6/25/2013	10:10 AM	22.8	2.64	620	7.17	0.49	0.921	8.3	8	1125	Y	N
7/2/2013	10:30 AM	17.1	4.23	712	7.12	0.19	0.812	12.6	7	970	N	N
7/9/2013	10:15 AM	21.7	2.44	735	7.16	0.24	0.802	10.9	5	770	N	N
7/16/2013	10:30 AM		YSI INOPERABLE				0.692	12.4	24	94	N	N
7/23/2013	10:15 AM	22.6	1.16	762	7.05	0.23	2.18	10.7	8	37200	Y	N
7/30/2013	10:15 AM	18.3	5.44	583	7.16	0.31	0.522	10.5	11	88	N	N
8/6/2013	10:15 AM	19.2	5.34	547	7.41	16.63	0.568	11.5	28	160	Y	N
8/13/2013	11:00 AM		YSI INOPERABLE				0.532	9.8	9	92	N	N
8/20/2013	10:25 AM		YSI INOPERABLE				0.515	8.3	13	85	N	N
8/27/2013	10:35 AM		YSI INOPERABLE				0.474	6.3	7	445	N	N
9/3/2013	10:45 AM	20.3	5.04	475.4	7.01	7.19	0.592	6.8	11	24	N	N
9/10/2013	10:30 AM	20.8	5.33	472.8	7.45	7.19	0.426	4.9	9	10	N	N
9/17/2013	10:40 AM	14.3	6.11	464.4	7.49	2.5	0.407	6.8	11	22	N	N
9/24/2013	10:55 AM	13.4	3.93	547.6	7.67	0.7	1.07	19.3	10	184	N	N

YELLOW CREEK CR 18

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/16/2013	10:40 AM		YSI INOPERABLE			3.27	0.772	18.9	66	2300	Y	N
4/23/2013	10:40 AM		YSI INOPERABLE			6.25	0.749	15.1	34	500	N	N
4/30/2013	10:25 AM		YSI INOPERABLE				0.712	14.2	6	124	N	N
5/7/2013	11:00 AM		YSI INOPERABLE				0.246	23.6	7	170	N	N
5/14/2013	10:55 AM	12.1	7.77	811	7.41	0.04	0.428	28.6	4	148	N	N
5/21/2013	11:00 AM		YSI INOPERABLE				0.38	22.2	5	4400	N	N
5/28/2013	11:15 AM	14.9	6.04	596.6	7.55	0.03	0.768	22.4	5	940	Y	N
6/4/2013	11:15 AM	14.2	6.99	786	7.42	0.1	0.479	23.7	4	412	N	N
6/11/2013	11:00 AM	17.4	5.94	763	7.1	0.17	0.488	27.7	7	1220	Y	N
6/18/2013	10:55 AM	18.4	5.76	817	7.14	0.18	0.387	25.2	4	520	N	N
6/25/2013	10:35 AM	20.3	4.35	628	7.16	0.29	0.384	23.4	3	1890	Y	N
7/2/2013	10:55 AM	16.6	5.79	788	7.12	0.13	0.486	26.8	7	1040	N	N
7/9/2013	10:40 AM	19.5	5.79	788	7.19	0.15	0.428	25.8	6	790	N	N
7/16/2013	10:50 AM		YSI INOPERABLE				0.433	32.2	3	495	N	N
7/23/2013	11:25 AM	20.7	4.74	735	7.13	0.25	1.29	12.2	12	31000	Y	N
7/30/2013	10:40 AM	16.1	6.71	901	7.19	0.16	0.4	38.9	2	500	N	N
8/6/2013	10:40 AM	19.6	5.44	382.3	7.44	17.04	0.412	32.2	5	1080	Y	N
8/13/2013	11:30 AM		YSI INOPERABLE				0.388	16	3	376	N	N
8/20/2013	11:00 AM		YSI INOPERABLE				0.34	43.1	2	161	N	N
8/27/2013	11:05 AM		YSI INOPERABLE				0.364	7.8	4	164	N	N
9/3/2013	11:10 AM	17.7	4.99	926	7.56	5.86	0.455	47.4	3	176	N	N
9/10/2013	11:05 AM	20.1	4.76	950	7.43	6.42	0.367	48.5	4	208	N	N
9/17/2013	11:05 AM	13.3	6.78	929	7.57	3.04	0.309	58.7	3	320	N	N
9/24/2013	11:20 AM	12.9	5.78	902	7.62	0.45	0.469	54.4	2	2200	N	N

CHRISTIANA CREEK CR 4

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/16/2013	11:00 AM		YSI INOPERABLE			0.608	0.063	4.9	4	43	Y	N
4/23/2013	11:05 AM		YSI INOPERABLE			1.07	0.067	4.2	2	25	N	N
4/30/2013	10:45 AM		YSI INOPERABLE				0.042	3.8	3	18	N	N
5/7/2013	11:20 AM		YSI INOPERABLE				0.085	3.6	4	46	N	N
5/14/2013	11:20 AM	15.2	3.2	428	7.14	0.01	0.102	4.1	3	53	N	N
5/21/2013	11:30 AM		YSI INOPERABLE				0.144	4.2	4	290	N	N
5/28/2013	11:45 AM	17.6	6.87	438.1	7.1	0.02	0.054	4.6	7	330	Y	N
6/4/2013	11:40 AM	19.1	7.45	441.1	7.08	0.03	0.078	4.6	4	62	N	N
6/11/2013	11:25 AM	21.5	6.73	438.6	7.02	0.08	0.086	5.8	10	220	Y	N
6/18/2013	11:20 AM	21.9	6.9	439.8	7.16	0.08	0.096	4.2	3	415	N	N
6/25/2013	10:55 AM	22.4	6.18	427.7	7.01	0.03	0.126	4.9	3	950	Y	N
7/2/2013	11:15 AM	20.6	6.55	424	7.01	0.02	0.088	4	9	188	N	N
7/9/2013	11:05 AM	24.2	6.72	420.6	7.14	0.07	0.068	3.6	7	165	N	N
7/16/2013	11:20 AM		YSI INOPERABLE				0.105	5.2	3	210	N	N
7/23/2013	12 NOON	25.8	6.02	416.5	7	0.01	0.123	3	3	264	Y	N
7/30/2013	11:05 AM	19.6	7.23	428.8	7.27	0.14	0.143	4.5	4	143	N	N
8/6/2013	11:10 AM	20.4	6.28	402.1	7.22	10.04	0.101	3.8	4	273	Y	N
8/13/2013	11:50 AM		YSI INOPERABLE				0.116	5.1	2	132	N	N
8/20/2013	11:30 AM		YSI INOPERABLE				0.096	5	2	326	N	N
8/27/2013	11:25 AM		YSI INOPERABLE				0.093	4.2	2	140	N	N
9/3/2013	11:40 AM	20.8	7.44	416.3	7.28	3.35	0.124	5.5	2	360	N	N
9/10/2013	11:25 AM	22.7	6.97	426.7	7.1	3.02	0.112	4.2	4	260	N	N
9/17/2013	11:35 AM	16.7	7.26	419.5	7.27	2.57	0.077	6.4	2	176	N	N
9/24/2013	11:45 AM	15.7	7.78	429	7.22	0.21	0.082	7.6	1	141	N	N

ROCK RUN CREEK CR 21

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/18/2013	8:30 AM		YSI inoperable			3.59	4.02	5.2	283	18300	Y	N
4/25/2013	8:15 AM		YSI inoperable			5	0.768	9.6		425	Y	N
5/2/2013	8:40 AM		YSI inoperable				0.211	12.3	4	200	N	N
5/9/2013	8:25 AM	13.4	6.76	666	7.37	0.18	0.132	15.1		90	N	N
5/16/2013	8:30 AM	14.4	6.67	672	7.38	0.03	0.154	18.1	2	363	N	N
5/23/2013	8:25 AM	15.9	5.5	680	7.5	0.06	0.156	12.8		420	N	N
5/30/2013	8:35 AM	17.1	5.5	691	7.41	0.05	0.289	13.7	10	370	N	N
6/6/2013	8:25 AM	16.2	6.21	691	7	0.09	0.188	15.3		450	N	N
6/13/2013	8:30 AM	18.1	6.33	640	7.25	0.14	0.411	10.3	59.3	2375	Y	N
6/20/2013	8:25 AM	15.9	6.4	687	7.03	0.11	0.193	15		490	N	N
6/27/2013	8:25 AM	19.9	4.81	480.7	7.19	0.29	1.86	8.5	52	15400	Y	N
7/11/2013	8:30 AM	16.7	6.61	696	7.01	0.08	0.37	25.5	5	1090	N	N
7/18/2013	8:25 AM	20	6.07	686	7.02	0.04	0.203	25.9		485	N	N
7/25/2013	8:35 AM	16.6	6.35	887	7.1	0.13	0.334	13.5	4.75	590	N	N
8/1/2013	8:25 AM	16.1	6.56	697	7.05	0.09	0.189	14.6		1150	N	N
8/8/2013	8:30 AM	17.9	5.78	597	7.43	12.71	1.36	14.4	33.5	81000	Y	N
8/15/2013	8:45 AM		YSI inoperable				0.189	16.3		450	N	N
8/22/2013	8:45 AM		YSI inoperable				0.188	18.5	4.5	595	N	N
8/29/2013	9:10 AM	19.7	5.44	694	7.06	9.49	0.198	15.9		200	N	N
9/5/2013	8:45 AM	15.9	6.26	689	7.46	4.09	0.174	14.8	4.25	178	N	N
9/12/2013	8:30 AM	19.9	5.2	681	7.25	4.77	0.322	14.9		305	N	N
9/19/2013	8:50 AM	17.7	5.29	578.7	7.42	1.13	0.366	20.1	18.75	4100	Y	N
9/26/2013	8:40 AM	13	7.55	697	7.4	0.43	0.168	18.6		258	N	N

ROCK RUN CREEK CR 34

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/18/2013	8:45 AM		YSI inoperable			4.47	2.91	3.9	164	4900	Y	N
4/25/2013	8:35 AM		YSI inoperable			5.88	0.858	8.7		500	Y	N
5/2/2013	8:50 AM		YSI inoperable				0.207	11.2	3	340	N	N
5/9/2013	8:40 AM	12.6	5.97	706	7.64	0.3	0.181	10.8		480	N	N
5/16/2013	8:50 AM	13.9	5.46	715	7.37	0.07	0.169	14.2	2.3	565	N	N
5/23/2013	8:35 AM	15.4	4.71	718	7.51	0.04	0.21	9.8		785	N	N
5/30/2013	8:50 AM	17	4.79	738	7.53	0.07	0.308	11.7	2.25	630	N	N
6/6/2013	8:45 AM	14.7	5.98	737	7.46	0.12	0.227	12.7		460	N	N
6/13/2013	8:45 AM	17	4.79	677	7.11	0.16	0.498	11.9	10.15	6000	Y	N
6/20/2013	8:40 AM	16.2	6.18	736	7.08	0.13	0.166	10.5		715	N	N
6/27/2013	8:40 AM	19.2	4.04	527.3	7.14	0.31	1.69	6.6	19.75	12200	Y	N
7/11/2013	8:50 AM	15.6	5.31	736	7.13	0.07	0.483	20.6	2.25	730	N	N
7/18/2013	8:45 AM	18.7	4.49	743	7.04	0.06	0.289	22.1		1000	N	N
7/25/2013	8:55 AM	15.1	5.69	741	7.12	0.12	0.549	11.1	5.38	650	N	N
8/1/2013	8:50 AM	15.8	5.79	735	7.13	0.17	0.311	11.8		920	N	N
8/8/2013	8:45 AM	17.6	4.77	641	7.49	12.43	1.46	13	17.25	23500	Y	N
8/15/2013	9:00 AM		YSI inoperable				0.281	13.1		650	N	N
8/22/2013	9:00 AM		YSI inoperable				0.33	20.2	3.7	1120	N	N
8/29/2013	9:20 AM	18.4	5	735	7.43	6.22	0.307	12		1750	N	N
9/5/2013	9:05 AM	15.4	5.86	733	7.4	5.32	0.224	13	4.5	1170	N	N
9/12/2013	8:45 AM	19.8	5.04	730	7.38	4.82	0.327	16.1		810	N	N
9/19/2013	9:20 AM	16.8	5.17	714	7.47	1.22	0.185	15.8	2.75	2150	Y	N
9/26/2013	9:00 AM	12	5.55	739	7.44	0.55	0.302	21.2		980	N	N

HORN DITCH CR 31

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/18/2013	9:00 AM		YSI inoperable			4.51	3.08	4.5	149	6300	Y	N
4/25/2013	8:45 AM		YSI inoperable			8.04	0.781	7.2		570	Y	N
5/2/2013	9:00 AM		YSI inoperable				0.235	10.2	4.7	271	N	N
5/9/2013	8:55 AM	12	7.03	682	7.7	0.41	0.184	9.4		63	N	N
5/16/2013	9:05 AM	13.3	6.6	695	7.38	0.09	0.192	9.6	3.2	212	N	N
5/23/2013	8:50 AM	14.9	5.34	708	7.51	0.04	0.26	10.4		360	N	N
5/30/2013	9:05 AM	16.2	6.4	699	7.55	0.1	0.387	11.7	1.25	670	N	N
6/6/2013	9:00 AM	13.9	5.79	693	7.29	0.16	0.355	11.6		795	N	N
6/13/2013	9:00 AM	16.4	5.96	624	7.06	0.25	1	9.6	18.25	63200	Y	N
6/20/2013	8:55 AM	16.4	5.61	707	7.16	0.18	0.325	10.8		1110	N	N
6/27/2013	8:55 AM	18.2	5.81	646	7.17	0.47	0.842	8.1	6.5	2575	Y	N
7/11/2013	9:05 AM		YSI inoperable				0.372	19.8	2.5	2100	N	N
7/18/2013	8:55 AM	19.4	5.47	746	7.04	0.05	0.307	25.2		1900	N	N
7/25/2013	9:15 AM	16.2	6.24	742	7.14	0.19	0.39	11.5	4.9	860	N	N
8/1/2013	9:00 AM	16.6	6.05	745	7.17	0.11	0.325	12.8		1330	N	N
8/8/2013	9:00 AM	17.4	6.59	721	7.45	13.76	0.463	14.9	5.75	1440	Y	N
8/15/2013	9:10 AM		YSI inoperable				0.245	14.1		800	N	N
8/22/2013	9:10 AM		YSI inoperable				0.269	14.3	2.7	1360	N	N
8/29/2013	9:30 AM	19.3	5.81	739	7.12	7.5	0.327	13.8		675	N	N
9/5/2013	9:15 AM	15.5	6.19	727	7.38	5.21	0.276	12	5.5	1235	N	N
9/12/2013	9:00 AM	20.1	4.53	707	7.45	5.57	0.459	15.1		1415	N	N
9/19/2013	9:30 AM	16.7	5.58	693	7.52	1.23	0.291	16.8	4.88	1080	Y	N
9/26/2013	9:10 AM	11.9	7.35	731	7.27	0.6	0.258	14.2		1060	N	N

ELKHART RIVER CR 43

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/13/2013	9:15 AM		YSI inoperable			2.09	0.31	3.9	40	800	Y	N
4/25/2013	9:05 AM		YSI inoperable			3.78	0.273	8.7		224	Y	N
5/2/2013	9:25 AM		YSI inoperable				0.113	10.3	3	54	N	N
5/9/2013	9:10 AM	18.6	4.54	525.2	7.5	0.07	0.193	9.7		28	N	N
5/16/2013	9:25 AM	17.8	6.09	552.2	7.51	0.06	0.154	9.8	7.5	64	N	N
5/23/2013	9:10 AM	19.8	7.38	571	7.6	0.03	0.227	10.5		304	N	N
5/30/2013	9:25 AM	19.3	5.29	582	7.65	0.04	0.193	10.9	4.5	212	N	N
6/6/2013	9:20 AM	18.6	5.93	641.7	7.21	0.06	0.298	10.2		176	N	N
6/13/2013	9:15 AM	21.7	5.93	509.7	7.05	0.1	0.318	9.1	8.25	360	N	N
6/20/2013	9:25 AM	20.1	4.71	540.5	7.12	0.08	0.323	8.8		120	N	N
6/27/2013	9:20 AM	21.8	4.42	527.1	7.12	0.2	0.482	7.7	8	690	Y	N
7/11/2013	9:25 AM		YSI inoperable				0.491	21.5	4.5	192	N	N
7/18/2013	9:15 AM	25.5	4.06	562	7.09	0.17	0.467	25.8		164	N	N
7/25/2013	9:35 AM	20.6	4.98	558	7.14	0.18	0.434	11	4.75	132	N	N
8/1/2013	9:20 AM	19.3	5.32	566	7.1	0.16	0.328	15.2		128	N	N
8/8/2013	9:20 AM	20.6	5.28	559	7.26	14.4	0.279	15.9	3.5	210	Y	N
8/15/2013	9:30 AM		YSI inoperable				0.321	13.4		122	N	N
8/22/2013	9:30 AM		YSI inoperable				0.293	15.3	1.75	120	N	N
8/29/2013	9:50 AM	22.4	6.71	589	7.49	7.68	0.324	14.4		93	N	N
9/5/2013	9:35 AM	18.9	5.41	606	7.26	4.39	0.302	12.9	1.6	149	N	N
9/12/2013	9:20 AM	22.6	4.42	615	7.27	5.62	0.34	16		299	N	N
9/19/2013	9:50 AM	17.9	5.82	610	7.21	1.55	0.187	14.2	1.38	640	Y	N
9/26/2013	9:30 AM	14.6	6.57	611.5	7.41	0.47	0.213	15.6		116	N	N

ELKHART RIVER CR 40

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/18/2013	9:40 AM		YSI inoperable			3.2	2.04	9.4	200	2000	Y	N
4/25/2013	9:30 AM		YSI inoperable			4.38	0.334	10.8		250	Y	N
5/2/2013	9:45 AM		YSI inoperable				0.128	10	3.3	66	N	N
5/9/2013	9:35 AM	17.4	4.58	550.9	7.79	0.06	0.17	10.6		30	N	N
5/16/2013	9:45 AM	17.6	5.25	605	7.69	0.05	0.18	11.2	10	104	N	N
5/23/2013	9:35 AM	18.9	4.85	624	7.49	0.05	0.239	11.3		132	N	N
5/30/2013	9:50 AM	19.1	5.12	632	7.69	0.07	0.235	12.4	3.5	260	N	N
6/6/2013	9:45 AM	18.2	5.35	574.7	7.34	0.08	0.237	11.5		106	N	N
6/13/2013	9:45 AM	20.9	4.98	553	7.16	0.14	0.273	8.9	13.25	460	Y	N
6/20/2013	9:50 AM	19.9	4.62	587	7.16	0.1	0.274	10.3		172	N	N
6/27/2013	9:40 AM	21.3	4.81	575	7.07	0.23	0.508	9.5	10	2325	Y	N
7/11/2013	9:55 AM		YSI inoperable				0.33	22.9	4	415	N	N
7/18/2013	9:40 AM	24.3	4.98	617	7.04	0.05	0.37	22.6		221	N	N
7/25/2013	10:00 AM	19.5	5.15	606	7.06	0.19	0.368	11.8	5.5	230	N	N
8/1/2013	9:40 AM	18	5.05	628	7.12	0.14	0.387	16.2		350	N	N
8/8/2013	9:45 AM	19.7	5.47	624	7.11	12.71	0.26	12.7	5.5	360	Y	N
8/15/2013	9:50 AM		YSI inoperable				0.231	13.6		131	N	N
8/22/2013	9:50 AM		YSI inoperable				0.251	17	8	195	N	N
8/29/2013	10:15 AM	21.6	5.87	657	7.48	8.47	0.378	15.4		109	N	N
9/5/2013	10:00 AM	18	4.5	668	7.47	4.94	0.283	14.3	13	460	N	N
9/12/2013	9:40 AM	21.9	4.67	682	7.19	6.01	0.324	16.3		150	N	N
9/19/2013	10:15 AM	16.9	5.25	663	7.59	1.26	0.219	15	6.5	650	Y	N
9/26/2013	9:50 AM	13.9	6.01	656	7.47	0.47	0.248	16.8		350	N	N

ELKHART RIVER INDIANA AVENUE

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/18/2013	9:55 AM		YSI inoperable			4.25	1.51	7.6	181	1475	Y	N
4/25/2013	9:40 AM		YSI inoperable			4.74	0.484	8.4		300	Y	N
5/2/2013	10:00 AM		YSI inoperable				0.145	10	5.5	76	N	N
5/9/2013	9:50 AM	18.1	6.05	549.2	7.86	0.08	0.172	12.3		33	N	N
5/16/2013	10:10 AM	18.2	6.27	608	7.99	0.08	0.168	12.1	3.3	37	N	N
5/23/2013	9:50 AM	20	5.4	630	7.42	0.04	0.2	11.8		41	N	N
5/30/2013	10:05 AM	19.4	5.95	621	7.5	0.07	0.217	12.2	3.3	323	N	N
6/6/2013	10:00 AM	18.3	5.98	589	7.15	0.07	0.206	11.9		96	N	N
6/13/2013	10:00 AM	21.4	5.47	556	7.08	0.12	0.248	9.7	9.3	420	Y	N
6/20/2013	10:05 AM	20.3	5.78	582	7.15	0.09	0.302	11.4		152	N	N
6/27/2013	9:55 AM	21.9	5.28	594	7.19	0.21	0.391	11.1	14	390	Y	N
7/11/2013	10:10 AM		YSI inoperable				0.319	22.1	3.5	144	N	N
7/18/2013	9:50 AM	25.9	5.03	624	7.03	0.16	0.318	26.3		76	N	N
7/25/2013	10:20 AM	21.2	5.84	590	7.05	0.31	0.354	11.7	4.5	128	N	N
8/1/2013	9:55 AM	18.8	5.72	633	7.08	2.1	0.224	15.8		136	N	N
8/8/2013	10:05 AM	20.3	5.64	627	7.05	13.87	0.25	12.6	3.5	280	Y	N
8/15/2013	10:05 AM		YSI inoperable				0.207	16.2		58	N	N
8/22/2013	10:05 AM		YSI inoperable				0.213	18.4	1.3	88	N	N
8/29/2013	10:25 AM	22.9	5.32	652	7.44	8.98	0.226	16.2		28	N	N
9/5/2013	10:15 AM	20.1	5.21	667	7.58	4.96	0.201	16.5	1.6	36	N	N
9/12/2013	9:55 AM	22.6	4.87	684	7.37	5.34	0.213	20.7		37	N	N
9/19/2013	10:30 AM	18.2	5.86	654	7.54	1.49	0.161	8.8	2.6	425	N	N
9/26/2013	10:10 AM	15.7	6.75	662	7.47	0.5	0.212	18.2		122	N	N

ELKHART RIVER OLD CR 17

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/18/2013	10:10 AM		YSI inoperable			4.69	1.96	5	189	5200	Y	N
4/25/2013	9:55 AM		YSI inoperable			4.47	0.55	8.9		400	Y	N
5/2/2013	10:10 AM		YSI inoperable				0.18	10.2	7.5	70	N	N
5/9/2013	10:05 AM	18	6.19	557.3	7.71	0.1	0.134	10.9		47	N	N
5/16/2013	10:20 AM	18.1	6.36	615	7.01	0.07	0.142	10.8	4.8	67	N	N
5/23/2013	10:05 AM	19.8	5.38	640	7.56	0.03	0.163	14.8		58	N	N
5/30/2013	10:15 AM	19.4	5.91	526	7.64	0.08	0.216	13.3	3.75	246	N	N
6/6/2013	10:15 AM	18.4	6.2	601	7.06	0.11	0.229	12.2		92	N	N
6/13/2013	10:20 AM	21.3	5.47	561	7.12	0.16	0.304	11	10.25	310	Y	N
6/20/2013	10:20 AM	20.7	5.89	594	7.01	0.12	0.26	13.6		221	N	N
6/27/2013	10:05 AM	21.7	4.9	572	7.08	0.26	0.754	10.7	23	4300	Y	N
7/11/2013	10:25 AM		YSI inoperable				0.32	27.3	3.25	140	N	N
7/18/2013	10:05 AM	25.6	4.99	645	7.02	0.07	0.314	30.2		108	N	N
7/25/2013	10:55 AM	21.1	5.49	599	7.04	0.35	0.392	14.1	3.9	124	N	N
8/1/2013	10:05 AM	18.9	5.94	652	7.07	1.4	0.254	20.4		184	N	N
8/8/2013	10:25 AM	20.2	5.48	619	7.14	14.46	0.301	14.2	4	370	Y	N
8/15/2013	10:15 AM		YSI inoperable				0.242	18.5		94	N	N
8/22/2013	10:20 AM		YSI inoperable				0.202	23.3	1	64	N	N
8/29/2013	10:40 AM	22.7	6.28	689	7.46	8.99	0.262	22.3		106	N	N
9/5/2013	10:30 AM	19.9	5.27	713	7.26	4.46	0.245	22.4	1.4	72	N	N
9/12/2013	10:15 AM	22.7	5.1	732	7.47	5.74	0.242	29.8		52	N	N
9/19/2013	10:45 AM	18	5.51	711	7.49	1.22	0.177	28.4	2.25	470	Y	N
9/26/2013	10:25 AM	15.1	6.21	690	7.34	0.43	0.242	23.1		91	N	N

HEATON LAKE IDEAL BEACH

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/18/2013	10:25 AM		YSI inoperable			0.713	0.077	2.1		4	Y	N
4/25/2013	10:15 AM		YSI inoperable			0.674	0.081	3.6		10	Y	N
5/2/2013	10:30 AM		YSI inoperable				0.078	4.8		20	N	N
5/9/2013	10:25 AM	21.7	4.24	387.7	7.03	0.04	0.097	4.7		6	N	N
5/16/2013	10:30 AM	20.2	6.78	389.7	7.31	0.03	0.072	3.8		97	N	N
5/23/2013	10:25 AM	21.7	5.36	394.4	7.28	0.03	0.111	4.6		100	N	N
5/30/2013	10:40 AM	21.3	7.23	307.2	7.25	0.03	0.114	6.6		47	N	N
6/6/2013	10:35 AM	20.7	6.09	401	7.14	0.06	0.074	6.9		15	N	N
6/13/2013	10:45 AM	24.2	6.39	370	7.03	0.08	0.133	4.3		208	Y	N
6/20/2013	10:40 AM	24.4	5.15	403	7.08	0.1	0.098	5.4		40	N	N
6/27/2013	10:30 AM	26.6	4.96	390.6	7.09	0.06	0.124	4.5		1145	Y	N
7/11/2013	10:45 AM		YSI inoperable				0.113	9.2		54	N	N
7/18/2013	10:25 AM	31.2	5.82	349.7	7.01	0.11	0.109	12.5		169	N	N
7/25/2013	11:30 AM	26.9	5.61	355.7	7.2	0.41	0.136	5		1109	N	N
8/1/2013	10:35 AM	24	5.38	350.4	7.2	0.44	0.098	4.6		96	N	N
8/8/2013	10:45 AM	24.2	6.07	482	7.31	6.87	0.118	3.1		7000	Y	N
8/15/2013	10:35 AM		YSI inoperable				0.076	4.7		31	N	N
8/22/2013	10:40 AM		YSI inoperable				0.112	6.2		690	N	N
8/29/2013	11:00 AM	26.8	6.12	378.9	7.32	4.34	0.103	4.8		203	N	N
9/5/2013	10:50 AM	23.3	6.76	370	7.39	4.01	0.086	4.4		94	N	N
9/12/2013	10:30 AM	25.2	6.12	348.9	7.3	2.38	0.12	5.9		116	N	N
9/19/2013	11:05 AM	21	6.69	371.2	7.24	1.03	0.092	6.6		61	Y	N
9/26/2013	10:45 AM	17.7	7.24	258.3	7.39	0.471	0.108	6.4		46	N	N

HEATON LAKE 22892 LAKE SHORE

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/18/2013	10:35 AM		YSI inoperable			0.786	0.095	1.5		2400	Y	N
4/25/2013	10:30 AM		YSI inoperable			0.627	0.087	4.2		25	Y	N
5/2/2013	10:40 AM		YSI inoperable				0.083	6		11	N	N
5/9/2013	10:35 AM	21.3	4.54	386.6	7.12	0.03	0.107	4.3		2	N	N
5/16/2013	10:40 AM	19.6	5.4	398.1	8.1	0.03	0.098	3.8		1100	N	N
5/23/2013	10:30 AM	21.4	5.43	414.2	7.48	0.02	0.22	5.6		48	N	N
5/30/2013	10:50 AM	21.8	6.6	304.1	7.24	0.03	0.113	5.7		38	N	N
6/6/2013	10:45 AM	21.5	5.97	405	7.05	0.05	0.09	7.3		72	N	N
6/13/2013	10:55 AM	24.4	6.19	394	7.05	0.1	0.059	4.7		30	Y	N
6/20/2013	10:50 AM	24.7	5.21	402.9	7	0.13	0.101	5.5		15	N	N
6/27/2013	10:40 AM	26.1	4.95	396.8	7.06	0.07	0.102	3.9		2000	Y	N
7/11/2013	10:55 AM		YSI inoperable				0.105	10.5		16	N	N
7/18/2013	10:35 AM	29.8	5.89	401.9	7.04	0.12	0.118	13.8		26	N	N
7/25/2013	11:45 AM	26.5	5.62	352.6	7.18	0.38	0.125	4.1		410	N	N
8/1/2013	10:45 AM	22.2	5.98	389.1	7.17	0.42	0.096	4.8		390	N	N
8/8/2013	10:50 AM	23.9	6.02	476	7.29	5.04	0.11	3.7		40	Y	N
8/15/2013	10:45 AM		YSI inoperable				0.116	4.2		53	N	N
8/22/2013	10:45 AM		YSI inoperable				0.105	7.7		143	N	N
8/29/2013	11:10 AM	26.4	6.24	379.4	7.28	5.68	0.094	4.9		47	N	N
9/5/2013	11:00 AM	23.2	4.83	374.5	7.31	3.77	0.058	4.8		6	N	N
9/12/2013	10:45 AM	24.9	6.1	365.1	7.17	2.07	0.107	5.6		460	N	N
9/19/2013			Heavy thunderstorms - no sample collected									
9/26/2013	11:00 AM	17.9	6.68	358.5	7.29	0.45	0.102	7.2		66	N	N

SIMONTON LAKE 51093 BEACH DRIVE

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/18/2013	10:45 AM		YSI inoperable			1.04	0.053	2.7		6	Y	N
4/25/2013	10:40 AM		YSI inoperable			0.741	0.066	7.9		1	Y	N
5/2/2013	10:50 AM		YSI inoperable				0.065	8.5		48	N	N
5/9/2013	10:50 AM	21.4	4.72	411.3	7.11	0.05	0.06	8.5		3	N	N
5/16/2013	11:00 AM	21.2	5.98	415.1	7.23	0.04	0.062	7.2		123	N	N
5/23/2013	10:40 AM	21.2	5.32	412.4	7.02	0.03	0.064	9		16	N	N
5/30/2013	11:00 AM	22.3	6.29	400.7	7.32	0.02	0.064	10.1		120	N	N
6/6/2013	11:00 AM	21.3	6.08	393.1	7.01	0.02	0.059	11.3		4	N	N
6/13/2013	11:10 AM	24.5	6	381.3	7.12	0.06	0.064	10.5		82	Y	N
6/20/2013	11:05 AM	27.2	5.76	376	7.1	0.08	0.092	13		40	N	N
6/27/2013	10:50 AM	25.6	5.12	366.1	7.08	0.09	0.11	9.1		79	Y	N
7/11/2013	11:10 AM		YSI inoperable				0.09	15.6		50	N	N
7/18/2013	10:50 AM	30.9	5.9	332.2	7.02	0.14	0.106	22		9	N	N
7/25/2013	11:55 AM	25.9	5.67	355.3	7.16	1.08	0.105	8.2		216	N	N
8/1/2013	11:00 AM	21.8	6.07	320.1	7.27	0.2	0.082	11.2		265	N	N
8/8/2013	11:05 AM	24.1	6.12	445	7.18	4.21	0.078	8.8		9	Y	N
8/15/2013	10:55 AM		YSI inoperable				0.082	9.7		6	N	N
8/22/2013	10:55 AM		YSI inoperable				0.084	12		165	N	N
8/29/2013	11:20 AM	26.6	5.98	317.7	7.46	4.84	0.085	11.6		60	N	N
9/5/2013	11:15 AM	23.2	5.92	336.9	7.41	4.2	0.052	10.1		192	N	N
9/12/2013	10:55 AM	25.6	6.25	346.2	7.23	2.76	0.079	13		16	N	N
9/19/2013			Heavy thunderstorms - no sample collected									
9/26/2013	11:15 AM	18	6.71	369.9	7.4	0.29	0.082	11.8		58	N	N

SIMONTON LAKE 51330 SR 19

DATE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TSS	E. COLI	WET	RAINING
4/18/2013	11:00 AM		YSI inoperable			0.819	0.041	3		31	Y	N
4/25/2013	10:55 AM		YSI inoperable			0.779	0.038	8.3		1	Y	N
5/2/2013	11:00 AM		YSI inoperable				0.063	9.7		33	N	N
5/9/2013	11:00 AM	20.2	4.7	395.5	7.21	0.04	0.071	10.1		3	N	N
5/16/2013	11:15 AM	19.4	6.11	396.3	7.27	0.04	0.068	9.8		40	N	N
5/23/2013	10:55 AM	21.4	5.28	396.6	7.18	0.02	0.049	9		122	N	N
5/30/2013	11:20 AM	21.9	6.32	395.4	7.31	0.02	0.038	10.9		38	N	N
6/6/2013	11:15 AM	21.6	6.18	391.4	7.02	0.01	0.047	13.1		4	N	N
6/13/2013	11:40 AM	23.9	5.92	386.8	7.1	0.11	0.058	8.9		61	Y	N
6/20/2013	11:20 AM	27.4	5.86	378	7.05	0.06	0.055	11.2		45	N	N
6/27/2013	11:05 AM	26	5.26	382.6	7.06	0.06	0.088	9.5		296	Y	N
7/11/2013	11:20 AM		YSI inoperable				0.075	10.3		92	N	N
7/18/2013	11:05 AM	29.6	6.34	364.8	7.01	0.12	0.071	18.8		25	N	N
7/25/2013	12:10 PM	25.7	5.33	351.8	7.18	1.12	0.082	9.5		125	N	N
8/1/2013	11:15 AM	22.4	5.99	368.2	7.24	0.18	0.092	11.1		156	N	N
8/8/2013	11:15 AM	24.2	6.08	431	7.04	3.18	0.108	9.8		50	Y	N
8/15/2013	11:20 AM		YSI inoperable				0.094	11.1		10	N	N
8/22/2013	11:05 AM		YSI inoperable				0.074	13.4		74	N	N
8/29/2013	11:35 AM	26.6	6.42	359.8	7.44	4.46	0.09	11.7		52	N	N
9/5/2013	11:30 AM	23.3	5.98	367.1	7.42	3.79	0.065	10.5		87	N	N
9/12/2013	11:15 AM	25.2	6.28	346.1	7.26	2.46	0.072	14.9		44	N	N
9/19/2013			Heavy thunderstorms - no sample collected									
9/26/2013	11:30 AM	19.1	6.12	365.5	7.43	0.31	0.078	12.8		64	N	N