Habegger Ditch

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	5.488897338	17.5	0.368	0.45	2420	2.49	0.3	-71.4	10.9	13.3	33.3	3.25E+11	90.29	0.07353	-20.48192771
9/19/2007	0.955931559	9	0.1	0.265	411	0.78	0.0	-233.3	0.5	1.4	-13.2	9.61E+09	90.04	0.004011	-284.6153846
9/26/2007	0.801749049	23.2	0.75	0.671	24196	0.125	0.1	-29.3	3.2	2.9	55.3	4.75E+11	99.86	0.000539	-2300
10/3/2007	0.863422053	10	3.05	0.444	520	0.247	0.0	-200.0	14.2	2.1	32.4	1.10E+10	92.89	0.001147	-1114.574899
10/10/2007	0.863422053	26	0.886	0.475	7800	0.193	0.1	-15.4	4.1	2.2	36.8	1.65E+11	99.53	0.000897	-1454.404145
10/17/2007	1.356806084	29	0.908	0.635	2420	0.188	0.1	-3.4	6.6	4.6	52.8	8.03E+10	97.60	0.001372	-1495.744681
10/24/2007	2.867794677	20	0.279	0.867	19350	0.329	0.2	-50.0	4.3	13.4	65.4	1.36E+12	99.37	0.005076	-811.8541033
10/31/2007	1.14095057	39	2.53	0.03	1300	0.34	0.1	23.1	15.5	0.2	-900.0	3.63E+10	96.24	0.002087	-782.3529412
11/7/2007	1.048441065	41	0.517	0.263	517	0.277	0.1	26.8	2.9	1.5	-14.1	1.33E+10	91.32	0.001562	-983.032491
11/14/2007	7.400760456	32	0.203	0.532	5600	0.21	0.6	6.3	8.1	21.2	43.6	1.01E+12	94.34	0.008361	-1328.571429
11/21/2007	13.96893536	38	0.342	0.421	200		1.4	21.1	25.7	31.6	28.7	6.84E+10	-199.03		
11/28/2007	18.25520913	27	0.187	0.302	2599		1.3	-11.1	18.4	29.7	0.7	1.16E+12	69.93		
12/12/2007	84.18365019	127	0.1	0.835			28.8	76.4	45.3	378.2	64.1				
12/26/2007	17.45346008	38	0.172	0.125			1.8	21.1	16.2	11.7	-140.0				
1/16/2008	8.60338403	24.5	0.234	0.18			0.6	-22.4	10.8	8.3	-66.7				
1/30/2008	13.84558935	41	2.85	0.902			1.5	26.8	212.3	67.2	66.7				
2/6/2008	139.3809886	404	0.385	0.745			151.5	92.6	288.7	558.7	59.7				
2/20/2008	13.69140684	30	0.187	0.271			1.1	0.0	13.8	20.0	-10.7				
3/5/2008	28.52376426	75	0.242	0.384			5.8	60.0	37.1	58.9	21.9				
3/19/2008	63.52319392	696	0.275	1.438			118.9	95.7	94.0	491.4	79.1				
4/2/2008	28.83212928	120	0.188	0.475	4028	0.07	9.3	75.0	29.2	73.7	36.8	2.84E+12	69.35	0.010858	-4185.714286
4/9/2008	6.16730038	25	0.101	0.178	457	0.06	0.4	-20.0	3.4	5.9	-68.5	6.90E+10	42.22	0.001991	-4900
4/16/2008	6.96904943	23	0.1	0.153	219	0.03	0.4	-30.4	3.7	5.7	-96.1	3.73E+10	-36.24	0.001125	-9900
4/23/2008	3.052813688	37	0.554	0.274	261	0.47	0.3		9.1	4.5	-9.5	1.95E+10	49.92	0.007719	-538.2978723
4/30/2008	2.43608365	26	15	1.428	1203	3.97	0.2	-15.4	196.6	18.7	79.0	7.17E+10	91.33	0.052031	24.43324937
5/7/2008	1.911863118	21.5	0.494	0.224	816	0.5	0.1	-39.5	5.1	2.3	-33.9	3.82E+10	89.97	0.005143	-500
5/14/2008	14.46231939	122	1.09	0.268	48392	2.21	4.7	75.4	84.8	20.9	-11.9	1.71E+13	98.72	0.171954	-35.74660633
5/21/2008	3.453688213	17	0.216	0.109	1733	0.23	0.2	-76.5	4.0	2.0	-175.2	1.46E+11	91.47	0.004274	-1204.347826
5/28/2008	1.726844106	60	0.26	0.275	2420	0.38	0.3	50.0	2.4	2.6	-9.1	1.02E+11	96.94	0.00353	-689.4736842
6/4/2008	13.13634981	116	2.39	0.622	48392	5.97	4.1	74.1	168.9	44.0	51.8	1.56E+13	98.84	0.421921	49.74874372
6/11/2008	22.26395437	47	0.259	0.432	5206	1.77	2.8	36.2	31.0	51.7	30.6	2.84E+12	81.69	0.212011	-69.49152542
6/18/2008	3.515361217	27	0.172	0.244	1733	1.58	0.3	-11.1	3.3	4.6	-23.0	1.49E+11	91.32	0.029882	-89.87341772
6/25/2008	8.079163498	13.8	5.67	0.314	1553	6.27	0.3	-117.4	246.5	13.6	4.5	3.07E+11	77.73	0.272531	52.15311005
7/2/2008	2.744448669	22.4	0.582		2420	5.38	0.2	-33.9	8.6			1.62E+11	95.14	0.079436	44.23791822
7/9/2008	27.81452471	219	0.12	0.438	36540	3.52	16.4	86.3	18.0	65.5	31.5	2.49E+13	96.74	0.52674	14.77272727
7/16/2008	1.696007605	71.2	0.232	0.238	2420	1.04	0.3	57.9	2.1	2.2	-26.1	1.00E+11	97.00	0.00949	-188.4615385
7/23/2008	1.665171103	22.5	6.93	0.4	2420	8.17	0.1	-33.3	62.1	3.6	25.0	9.86E+10	97.05	0.073192	63.28029376

Gates Ditch

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	13.2721673	18	0.304	0.234	2420	0.93	0.6	-66.7	21.7	16.7	-28.2	7.86E+11	90.29	0.06640596	-222.580645
9/19/2007	2.311444867	9	0.1	0.113	1986	0.334	0.1	-233.3	1.2	1.4	-165.5	1.12E+11	88.17	0.00415348	-798.203593
9/26/2007	1.938631179	15.6	1.03	0.781	24196	0.097	0.1	-92.3	10.7	8.1	61.6	1.15E+12	99.03	0.00101169	-2992.78351
10/3/2007	2.087756654	44	0.14	0.585	1220	0.268	0.2	31.8	1.6	6.6	48.7	6.23E+10	80.74	0.00301021	-1019.40299
10/10/2007	2.087756654	34	0.1	0.401	2590	0.147	0.2	11.8	1.1	4.5	25.2	1.32E+11	90.93	0.00165112	-1940.81633
10/17/2007	3.280760456	30	2.05	0.687	2420	0.124	0.3	0.0	36.2	12.1	56.3	1.94E+11	90.29	0.00218866	-2319.35484
10/24/2007	6.934334601	19	1.12	1.105	104620	0.327	0.4	-57.9	41.8	41.2	72.9	1.77E+13	99.78	0.0121993	-817.431193
10/31/2007	2.758821293	35	0.398	0.206	435	0.46	0.3	14.3	5.9	3.1	-45.6	2.94E+10	45.98	0.00682753	-552.173913
11/7/2007	2.53513308	81	0.135	0.276	921	0.321	0.6	63.0	1.8	3.8	-8.7	5.71E+10	74.48	0.00437812	-834.579439
11/14/2007	17.89505703	28	0.229	0.512	7890	0.16	1.3	-7.1	22.0	49.3	41.4	3.45E+12	97.02	0.01540407	-1775
11/21/2007	33.77692015	29	0.461	0.259	980		2.6	-3.4	83.8	47.1	-15.8	8.10E+11	76.02		
11/28/2007	44.14114068	32	0.158	0.271	3466		3.8	6.2	37.5	64.4	-10.7	3.74E+12	93.22		
12/12/2007	203.5562738	129	0.1	0.435			70.6	76.7	109.5	476.4					
12/26/2007	42.20250951	32	0.152	0.223			3.6	6.3	34.5	50.6	-34.5				
1/16/2008	20.8030038	22	0.243	0.385			1.2	-36.4	27.2	43.1	22.1				
1/30/2008	33.4786692	63	2.55	0.42			5.7	52.4	459.3	75.6	28.6				
2/6/2008	337.0235741	468	0.34	1.062			424.3	93.6	616.5	1925.6	71.8				
2/20/2008	33.10585551	31	0.206	0.258			2.8	3.2	36.7	46.0	-16.3				
3/5/2008	68.97053232	128	0.406	0.525			23.7	76.6	150.7	194.8	42.9				
3/19/2008	153.5992395	748	0.25	1.432			309.1	96.0	206.6	1183.4	79.1				
4/2/2008	69.7161597	180	0.295	0.72	3232	0.02	33.8	83.3	110.6	270.1	58.3	5.51E+12	92.73	0.00750146	-14900
4/9/2008	14.91254753	2		0.205	649	0.06	0.1	-1400.0	0.0	16.4	-46.3	2.37E+11	63.79	0.00481377	-4900
4/16/2008	16.85117871	25	0.182	0.146	1733	0.02	1.1	-20.0	16.5	13.2	-105.5	7.14E+11	86.44	0.00181319	-14900
4/23/2008	7.381711027				649							1.17E+11	63.79		
4/30/2008	5.890456274	23.5	0.354	0.549	866.29	0.11	0.4	-27.7	11.2	17.4	45.4	1.25E+11	72.87	0.00348597	-2627.27273
5/7/2008	4.622889734	43	0.393	0.13	2420	0.46	0.5	30.2	9.8	3.2	-130.8	2.74E+11	90.29	0.01144073	-552.173913
5/14/2008	34.96992395	163	2.58	1.51	48392		15.3	81.6	485.4	284.1	80.1	4.14E+13	99.51		
5/21/2008	8.351026616	38	0.318	0.16	1120	0.35	0.9	21.1	14.3	7.2	-87.5	2.29E+11	79.02	0.01572498	-757.142857
5/28/2008	4.175513308	68	0.318	0.221	1046		0.8	55.9	7.1	5.0	-35.7	1.07E+11	77.53		
6/4/2008	31.76372624	410	3.59	1.089	48392	9.16	35.0	92.7	613.5	186.1	72.5	3.76E+13	99.51	1.56534184	67.2489083
6/11/2008	53.83429658	116	0.451	0.546	10344		16.8	74.1	130.6	158.1	45.1	1.36E+13	97.73		
6/18/2008	8.500152091	1004	0.362	0.499	2420	10.04	23.0	97.0	16.6	22.8	39.9	5.03E+11	90.29	0.45913742	70.11952191
6/25/2008	19.53543726	29.5	0.275	0.245	1986		1.6	-1.7	28.9	25.7	-22.4	9.49E+11	88.17		
7/2/2008	6.63608365	50	0.644	0.321	2420	3.72	0.9	40.0	23.0	11.5	6.5	3.93E+11	90.29	0.13281192	19.35483871
7/9/2008	67.25558935	296	0.136	0.633	36540		53.6	89.9	49.2	229.0	52.6	6.01E+13	99.36		
7/16/2008	4.10095057	27	0.166	0.122	2420	0.52	0.3	-11.1	3.7	2.7	-145.9	2.43E+11	90.29	0.01147282	-476.923077
7/23/2008	4.026387833	15.5	0.159	0.307	2420		0.2	-93.5	3.4	6.7	2.3	2.38E+11	90.29		

Little Blue Creek

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	10.96425856	43	0.1	0.136	1300	0.48	1.3	30.2	5.9	8.0	-120.6	3.49E+11	81.92	0.0283141	-525
9/19/2007	1.909505703	52	0.22	0.107	548	0.352	0.3	42.3	2.3	1.1	-180.4	2.56E+10	57.12	0.00361615	-752.2727273
9/26/2007	1.601520913	84.4	0.258	0.58	8664	0.341	0.4	64.5	2.2	5.0	48.3	3.39E+11	97.29	0.00293812	-779.7653959
10/3/2007	1.724714829	27	0.1	0.151	960	0.383	0.1	-11.1	0.9	1.4	-98.7	4.05E+10	75.52	0.00355384	-683.2898172
10/10/2007	1.724714829	11.5	0.1	0.03	100	0.341	0.1	-160.9	0.9	0.3	-900.0	4.22E+09	-135.00	0.00316413	-779.7653959
10/17/2007	2.71026616	10	0.1	0.131	102	0.377	0.1	-200.0	1.5	1.9	-129.0	6.76E+09	-130.39	0.00549712	-695.7559682
10/24/2007	5.72851711	9.5	0.133	0.595	8130	0.293	0.1	-215.8	4.1	18.3	49.6	1.14E+12	97.11	0.00903009	-923.890785
10/31/2007	2.279087452	38	0.1	0.03	488	0.403	0.2	21.1	1.2	0.4	-900.0	2.72E+10	51.84	0.00494138	-644.4168734
11/7/2007	2.094296578	23.5	0.1	0.107	980	0.403	0.1	-27.7	1.1	1.2	-180.4	5.02E+10	76.02	0.00454073	-644.4168734
11/14/2007	14.78326996	11	0.378	0.176	7760	0.2	0.4	-172.7	30.1	14.0	-70.5	2.81E+12	96.97	0.0159068	-1400
11/21/2007	27.90342205	75	0.1	0.153	6020		5.6	60.0	15.0	23.0	-96.1	4.11E+12	96.10		
11/28/2007	36.46539924	18	0.306	0.339	1733		1.8	-66.7	60.0	66.5	11.5	1.55E+12	86.44		
12/12/2007	168.1596958	214	0.319	0.859			96.8	86.0	288.6	777.1					
12/26/2007	34.86387833	18	0.1	0.139			1.7	-66.7	18.8	26.1	-115.8				
1/16/2008	17.18555133	17	0.1	0.03			0.8	-76.5	9.2	2.8	-900.0				
1/30/2008	27.65703422	40	0.22	0.186			3.0	25.0	32.7	27.7	-61.3				
2/6/2008	278.418251	604	0.32	0.824			452.4	95.0	479.3	1234.3	63.6				
2/20/2008	27.34904943	25	0.1	0.188			1.8	-20.0	14.7	27.7	-59.6				
3/5/2008	56.97718631	136	0.144	0.371			20.8	77.9	44.1	113.7	19.1				
3/19/2008	126.8897338	920	0.438	1.432			314.0	96.7	299.0	977.6	79.1				
4/2/2008	57.59315589	104	0.1	0.388	312	0.11	16.1	71.2	31.0	120.2	22.7	4.40E+11	24.68	0.03408363	-2627.272727
4/9/2008	12.31939163	26	0.1	0.107	248	0.01	0.9	-15.4	6.6	7.1	-180.4	7.47E+10	5.24	0.00066278	-29900
4/16/2008	13.92091255	15	0.1	0.015	238	0.03	0.6	-100.0	7.5	1.1	-1900.0	8.11E+10	1.26	0.00224684	-9900
4/23/2008	6.098098859				194							2.89E+10	-21.13		
4/30/2008	4.866159696	15	0.1	0.442	249	0.1	0.2	-100.0	2.6	11.6	32.1	2.96E+10	5.62	0.00261799	-2900
5/7/2008	3.819011407	43	0.112	0.165	1553	0.6	0.4	30.2	2.3	3.4	-81.8	1.45E+11	84.87	0.01232777	-400
5/14/2008	28.88897338	45	0.327	0.25	1866		3.5	33.3	50.8	38.9	-20.0	1.32E+12	87.41		
5/21/2008	6.898859316	20	0.1	0.079	980	2.95	0.4	-50.0	3.7	2.9	-279.7	1.65E+11	76.02	0.1094918	-1.694915254
5/28/2008	3.449429658	37	0.132	0.065	2420		0.3	18.9	2.4	1.2	-361.5	2.04E+11	90.29		
6/4/2008	26.24030418	230	0.347	0.489	16328	16.4	16.2	87.0	49.0	69.0	38.7	1.05E+13	98.56	2.31523452	81.70731707
6/11/2008	44.4730038	59	0.183	0.359	6896		7.1	49.2	43.8	85.9	16.4	7.50E+12	96.59		
6/18/2008	7.022053232	31.6	0.1	0.151	1553	3.44	0.6	5.1	3.8	5.7	-98.7	2.67E+11	84.87	0.12995854	12.79069767
6/25/2008	16.13840304	39.5	0.1	0.156	1300		1.7	24.1	8.7	13.5	-92.3	5.13E+11	81.92		
7/2/2008	5.482129278	46	0.113	0.17	1733	2.84	0.7	34.8	3.3	5.0	-76.5	2.32E+11	86.44	0.08376255	-5.633802817
7/9/2008	55.56045627	126	0.224	0.431	30760		18.8	76.2	67.0	128.8	30.4	4.18E+13	99.24		
7/16/2008	3.3878327	26.8	0.152	0.115	2420	0.53	0.2	-11.9	2.8	2.1	-160.9	2.01E+11	90.29	0.00966007	-466.0377358
7/23/2008	3.326235741	21	0.106	0.135	1300		0.2	-42.9	1.9	2.4	-122.2	1.06E+11	81.92		

Blue Creek

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	53.0954373	23	0.1	0.062	2420	4.24	3.3	-30.4	28.6	17.7	-383.9	3.14E+12	90.29	1.2111706	29.24528302
9/19/2007	9.24695817	9	0.1	0.043	488	0.466	0.2	-233.3	5.0	2.1	-597.7	1.10E+11	51.84	0.0231829	-543.776824
9/26/2007	7.75551331	13.8	0.1	0.038	1250	0.448	0.3	-117.4	4.2	1.6	-689.5	2.37E+11	81.20	0.0186926	-569.6428571
10/3/2007	8.35209125	3.3	0.1	0.038	200	0.529	0.1	-809.1	4.5	1.7	-689.5	4.09E+10	-17.50	0.0237702	-467.1077505
10/10/2007	8.35209125	3	0.1	0.131	860	0.447	0.1	-900.0	4.5	5.9	-129.0	1.76E+11	72.67	0.0200856	-571.1409396
10/17/2007	13.1247148	13.5	0.699	0.03	225	0.365	0.5	-122.2	49.4	2.1	-900.0	7.22E+10	-4.44	0.025773	-721.9178082
10/24/2007	27.7408745	15	0.1	0.03	23560	0.298	1.1	-100.0	14.9	4.5	-900.0	1.60E+13	99.00	0.0444753	-906.7114094
10/31/2007	11.036692	4.4	0.1	0.1	488	0.42	0.1	-581.8	5.9	5.9	-200.0	1.32E+11	51.84	0.0249385	-614.2857143
11/7/2007	10.1418251	5.6	0.132	0.176	96	0.406	0.2	-435.7	7.2	9.6	-70.5	2.38E+10	-144.79	0.0221526	-638.9162562
11/14/2007	71.5893536	24	0.1	0.153	10760	0.3	4.6	-25.0	38.5	58.9	-96.1	1.88E+13	97.82	0.1155452	-900
11/21/2007	135.124905	6	0.199	0.456	850		2.2	-400.0	144.7	331.5	34.2	2.81E+12	72.35		#DIV/0!
11/28/2007	176.587072	25.5	0.185	1.077	2827		12.1	-17.6	175.8	1023.2	72.1	1.22E+13	91.69		#DIV/0!
12/12/2007	814.328897	300					657.2	90.0							#DIV/0!
12/26/2007	168.831559	28	0.15	0.198			12.7	-7.1	136.2	179.8	-51.5				#DIV/0!
1/16/2008	83.2226236	13	0.1	0.03			2.9	-130.8	44.8	13.4	-900.0				#DIV/0!
1/30/2008	133.931749	26	0.907	0.101			9.4	-15.4	653.5	72.8	-197.0				#DIV/0!
2/6/2008	1348.26616	652	0.524	1.226			2364.7	95.4	3800.9	8893.0	75.5				#DIV/0!
2/20/2008	132.440304	37	0.163	0.348			13.2	18.9	116.1	248.0	13.8				#DIV/0!
3/5/2008	275.9173	178	0.351	0.179			132.1	83.1	521.0	265.7	-67.6				#DIV/0!
3/19/2008	614.475285	680	0.354	1.108			1124.0	95.6	1170.3	3662.9	72.9				#DIV/0!
4/2/2008	278.90019	345	0.164	0.99	4128	0.06	258.8	91.3	246.1	1485.5	69.7	2.82E+13	94.31	0.090029	-4900
4/9/2008	59.6577947	28	0.1	0.159	172	0.04	4.5	-7.1	32.1	51.0	-88.7	2.51E+11	-36.63	0.0128384	-7400
4/16/2008	67.413308	17.5	0.1	0.146	219	0.489	3.2	-71.4	36.3	53.0	-105.5	3.61E+11	-7.31	0.1773523	-513.4969325
4/23/2008	29.5306084	19	0.1	0.012	308	0.1	1.5	-57.9	15.9	1.9	-2400.0	2.23E+11	23.70	0.0158875	-2900
4/30/2008	23.5648289	9	0.1	0.404	291	0.18	0.6	-233.3	12.7	51.2	25.7	1.68E+11	19.24	0.0228202	-1566.666667
5/7/2008	18.4939163	14	0.1	0.112	517	0.4	0.7	-114.3	9.9	11.1	-167.9	2.34E+11	54.55	0.0397989	-650
5/14/2008	139.897529	53	0.223	0.305	1354	1.11	19.9	43.4	167.8	229.6	1.6	4.63E+12	82.64	0.8354401	-170.2702703
5/21/2008	33.408365	15	0.1	0.109	816	0.33	1.3	-100.0	18.0	19.6	-175.2	6.67E+11	71.20	0.0593132	-809.0909091
5/28/2008	16.7041825	12.9	0.1	0.161	308	0.41	0.6	-132.6	9.0	14.5	-86.3	1.26E+11	23.70	0.0368461	-631.7073171
6/4/2008	127.071103	150	0.268	0.443	9768	14.42	51.3	80.0	183.2	302.9	32.3	3.04E+13	97.59	9.8581253	79.19556172
6/11/2008	215.364639	137	0.595	0.599	8212	8.04	79.4	78.1	689.4	694.0	49.9	4.33E+13	97.14	9.3156405	62.68656716
6/18/2008	34.004943	55	0.1	0.362	770	7.06	5.0	45.5	18.3	66.2	17.1	6.41E+11	69.48	1.2916029	57.50708215
6/25/2008	78.151711	21.5	0.1	0.308	461	8.8	4.5	-39.5	42.0	129.5	2.6	8.81E+11	49.02	3.7000146	65.90909091
7/2/2008	26.5477186	31	0.6	0.264	921	4.9	2.2	3.2	85.7	37.7	-13.6	5.98E+11	74.48	0.699851	38.7755102
7/9/2008	269.056654	792	0.107	1.104	30760	2.66	573.2	96.2	154.9	1598.1	72.8	2.02E+14	99.24	3.850416	-12.78195489
7/16/2008	16.4058935	20.7	0.1	0.154	687	0.47	0.9	-44.9	8.8	13.6	-94.8	2.76E+11	65.79	0.0414839	-538.2978723
7/23/2008	16.1076046	30	0.1	0.369	1986	1.12	1.3	0.0	8.7	32.0	18.7	7.83E+11	88.17	0.097058	-167.8571429

St. Marys River - Willshire, Ohio

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	689.95	40	0.1	0.299	186	0.58	74.2	36.7	371.2	1109.9	15.3	3.14E+12	-26.34	2.15292526	-336.72168
9/19/2007	26.73	20.5	0.1	0.1	118	0.463	1.5	-124.7	14.4	14.4	-360.5	7.72E+10	-99.15	0.06657749	-894.703064
9/26/2007	19.89	33.6	0.1	0.075	160	0.346	1.8	-0.1	10.7	8.0	-348.2	7.79E+10	-46.88	0.03702577	-871.593237
10/3/2007	16.16	27	0.1	0.144	300	0.423	1.2	-18.4	8.7	12.5	-122.0	1.19E+11	21.67	0.0367783	-655.828189
10/10/2007	14.92	44	0.1	0.066	310	0.349	1.8	28.2	8.0	5.3	-378.5	1.13E+11	24.19	0.0280101	-804.863164
10/17/2007	16.78	42	0.1	0.305	261	0.377	1.9	22.4	9.0	27.5	-6.9	1.07E+11	9.96	0.03403949	-764.679713
10/24/2007	103.80	48	0.132	0.484	1210	0.267	13.4	29.2	73.7	270.3	29.8	3.07E+12	80.58	0.14910964	-1172.09087
10/31/2007	27.97	24.5	0.1	0.031	96	0.42	1.8	-73.0	15.0	4.7	-1267.0	6.57E+10	-144.79	0.0632033	-908.998875
11/7/2007	16.16	11	0.1	0.542	33	0.381	0.5	-207.7	8.7	47.1	37.5	1.30E+10	-612.12	0.03312656	-788.509469
11/14/2007	229.36	41	0.1	0.035	850	0.3	25.3	5.3	123.4	43.2	-1009.3	4.77E+12	72.35	0.37019078	-1194.21932
11/21/2007	92.62	21	0.1	0.03	200		5.2	-275.1	49.8	14.9	-2525.4	4.53E+11	-17.50		
11/28/2007	1174.78	28.2	0.1	0.148	313		89.1	-20.2	632.0	935.4	-129.0	9.00E+12	24.92		
12/12/2007	2492.53	101	0.105	1.241			677.2	72.3	1408.0	16641.6	77.4				
12/26/2007	839.13	38.5	0.1	0.117			86.9	20.0	451.5	528.2	-163.1				
1/16/2008	457.48	41.5	0.1	0.178			51.1	8.7	246.1	438.1	-112.7				
1/30/2008	91.99	10	0.184	0.03			2.5	-208.9	91.1	14.8	-929.7				
2/6/2008	4295.10	352	0.259	0.702			4066.9	92.1	5984.9	16221.6	60.6				
2/20/2008	484.83	71	0.14	0.392			92.6	61.3	365.2	1022.5	30.0				
3/5/2008	2107.15	79	0.162	0.298			447.8	63.2	1836.5	3378.3	2.5				
3/19/2008	1982.83	208	0.1	0.538			1109.4	86.5	1066.8	5739.2	47.9				
4/2/2008	1802.58	98	0.1	0.432	240	0.14	475.2	67.7	969.8	4189.5	26.6	1.06E+13	2.08	1.35770061	-2164.22559
4/9/2008	395.32	92.8	0.1	0.29	56	0.06	98.7	67.9	212.7	616.8	-2.6	5.42E+11	-319.64	0.12761048	-4858.95855
4/16/2008	356.16	36	0.01	0.192	116	0.09	34.5	14.4	19.2	367.9	-60.4	1.01E+12	-102.59	0.17245473	-3322.92946
4/23/2008	242.42	12	0.234	0.261	201	0.13	7.8	-114.2	305.2	340.4	1.5	1.19E+12	-16.92	0.16954537	-1877.12342
4/30/2008	90.75	31	0.1	0.599	68	0.25	7.6	30.9	48.8	292.5	64.2	1.51E+11	-245.59	0.12205929	-757.383238
5/7/2008	110.02	62	0.1	0.118	276	1.58	18.3	61.9	59.2	69.8	-100.2	7.43E+11	14.86	0.93520826	-49.4939581
5/14/2008	1367.47	59	0.224	0.287	316	8.92	217.0	46.7	1648.0	2111.5	-9.6	1.06E+13	25.63	65.6244256	64.74207222
5/21/2008	200.77	34.5	0.1	0.094	58	0.96	18.6	100.0	108.0	101.5	100.0	2.85E+11		1.03693548	100
5/28/2008	77.08	32	0.1	0.173	69	1.48	6.6	29.8	41.5	71.7	-29.9	1.30E+11	-240.58	0.61370743	-51.8725673
6/4/2008	514.05	109	0.241	0.082	1816	14.75	150.7	75.4	666.5	226.8	-227.0	2.28E+13	87.06	40.792048	81.82109832
6/11/2008	820.48	67	0.229	0.439	2472	6.82	147.9	52.7	1010.9	1937.8	27.9	4.96E+13	90.49	30.1048374	53.55962819
6/18/2008	180.88	90	0.1	0.338	260	5.01	43.8	62.9	97.3	328.9	1.3	1.15E+12	9.62	4.87538251	33.42400352
6/25/2008	129.91	82	0.1	0.302	142	10.72	28.7	77.0	69.9	211.1	37.6	4.51E+11	-65.49	7.49236716	82.43117617
7/2/2008	497.26	71	0.1	0.346	308	4.71	95.0	59.6	267.5	925.6	17.1	3.75E+12	23.70	12.6005318	39.13749436
7/9/2008	521.50	324	0.175	0.373	9080	1.93	454.5	93.2	491.0	1046.5	40.8	1.16E+14	97.41	5.4149849	-14.4478977
7/16/2008	94.48	69	0.1	0.192	308	0.4	17.5	51.7	50.8	97.6	-73.4	7.12E+11	23.70	0.20332068	-732.385775
7/23/2008	47.24	58.4	0.1	0.307	114	0.84	7.4	57.0	25.4	78.0	18.3	1.32E+11	-106.14	0.21348672	-198.716772

Martz Ditch

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	6.61	29.5	0.1	0.626	980	0.5	0.5	-1.7	3.6	22.3	52.1	1.59E+11	76.02	0.0177873	-500
9/19/2007	1.15	18.4	0.1	0.138	2420	0.351	0.1	-63.0	0.6	0.9	-117.4	6.82E+10	90.29	0.0021747	-754.7008547
9/26/2007	0.97	42.4	6.92	1.16	5172	0.244	0.1	29.2	36.0	6.0	74.1	1.22E+11	95.46	0.0012679	-1129.508197
10/3/2007	1.04	19	5.36	1.118	48840	0.366	0.1	-57.9	30.0	6.3	73.2	1.24E+12	99.52	0.0020481	-719.6721311
10/10/2007	1.04	27	3.74	0.341	4430	0.296	0.1	-11.1	20.9	1.9	12.0	1.13E+11	94.70	0.0016564	-913.5135135
10/17/2007	1.63	87	2.25	1.327	1986	0.337	0.4	65.5	19.8	11.7	77.4	7.94E+10	88.17	0.0029635	-790.2077151
10/24/2007	3.45	10	0.1	0.03	9090	0.336	0.1	-200.0	1.9	0.6	-900.0	7.68E+11	97.41	0.0062452	-792.8571429
10/31/2007	1.37	11.5	0.211	0.03	2420	0.436	0.0	-160.9	1.6	0.2	-900.0	8.14E+10	90.29	0.0032241	-588.0733945
11/7/2007	1.26	13.5	0.643	0.126	1203	0.4	0.0	-122.2	4.4	0.9	-138.1	3.72E+10	80.47	0.0027181	-650
11/14/2007	8.92	10	0.1	0.042	2790	0.29	0.2	-200.0	4.8	2.0	-614.3	6.09E+11	91.58	0.0139101	-934.4827586
11/21/2007	16.83	9.6	0.1	0.11	630		0.4	-212.5	9.1	10.0	-172.7	2.59E+11	62.70		
11/28/2007	21.99	18	0.1	0.173	1095		1.1	-66.7	11.8	20.5	-73.4	5.89E+11	78.54		
12/12/2007	101.41	96	0.1	0.799			26.2	68.8	54.6	435.9	62.5				
12/26/2007	21.03	28	0.1	0.235			1.6	-7.1	11.3	26.6	-27.7				
1/16/2008	10.36	26	0.107	0.1			0.7	-15.4	6.0	5.6	-200.0				
1/30/2008	16.68	29	0.147	0.094			1.3	-3.4	13.2	8.4	-219.1				
2/6/2008	167.91	272	0.254	0.72			122.9	89.0	229.5	650.4	58.3				
2/20/2008	16.49	32	0.173	0.328			1.4	6.2	15.4	29.1	8.5				
3/5/2008	34.36	74	0.399	4.076			6.8	59.5	73.8	753.5	92.6				
3/19/2008	76.53	416	0.23	0.862			85.6	92.8	94.7	354.9	65.2				
4/2/2008	34.73	122	0.1	0.507	1476	0.05	11.4	75.4	18.7	94.7	40.8	1.25E+12	84.08	0.0093434	-5900
4/9/2008	7.43	20.8	0.178	0.113	2420	0.05	0.4	-44.2	7.1	4.5	-165.5	4.40E+11	90.29	0.0019986	-5900
4/16/2008	8.40	15	0.107	0.101	345	0.03	0.3	-100.0	4.8	4.6	-197.0	7.09E+10	31.88	0.001355	-9900
4/23/2008	3.68				579							5.21E+10	59.41		
4/30/2008	2.93	10.5	0.1	0.492	488	0.05	0.1	-185.7	1.6	7.8	39.0	3.50E+10	51.84	0.0007894	-5900
5/7/2008	2.30	7.5	0.1	0.089	866	0.25	0.0	-300.0	1.2	1.1	-237.1	4.88E+10	72.86	0.0030978	-1100
5/14/2008	17.42	46	0.202	0.569	22398		2.2	34.8	18.9	53.3	47.3	9.55E+12	98.95		
5/21/2008	4.16	13.8	0.1	0.089	613	0.84	0.2	-117.4	2.2	2.0	-237.1	6.24E+10	61.66	0.0188026	-257.1428571
5/28/2008	2.08	14.1	0.1	0.059	1553		0.1	-112.8	1.1	0.7	-408.5	7.90E+10	84.87		
6/4/2008	15.83	8.1	0.1	0.069	1120	0.5	0.3	-270.4	8.5	5.9	-334.8	4.34E+11	79.02	0.0425697	-500
6/11/2008	26.82	26	0.171	0.312	1816		1.9	-15.4	24.7	45.0	3.8	1.19E+12	87.06		
6/18/2008	4.23	13.8	0.1	0.151	1733	1.48	0.2	-117.4	2.3	3.4	-98.7	1.80E+11	86.44	0.03372	-102.7027027
6/25/2008	9.73	12.3	0.12	0.188	2420		0.3	-143.9	6.3	9.8	-59.6	5.76E+11	90.29		
7/2/2008	3.31	9	0.1	0.22	2420	1.42	0.1	-233.3	1.8	3.9	-36.4	1.96E+11	90.29	0.025258	-111.2676056
7/9/2008	33.51	98	0.277	0.351	21870		8.8	69.4	49.9	63.3	14.5	1.79E+13	98.93		
7/16/2008	2.04	19.8	0.1	0.18	921	0.06	0.1	-51.5	1.1	2.0	-66.7	4.60E+10	74.48	0.0006595	-4900
7/23/2008	2.01	12.6	0.266	0.27	921		0.1	-138.1	2.9	2.9	-11.1	4.52E+10	74.48		

Yellow Creek

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	16.44	23.5	0.1	0.319	921	0.39	1.0	-27.7	8.8	28.2	6.0	3.70E+11	74.48	0.0344936	-669.230769
9/19/2007	2.86	6.9	0.1	0.322	387	0.334	0.1	-334.8	1.5	5.0	6.8	2.71E+10	39.28	0.0051447	-798.203593
9/26/2007	2.40	12.4	0.79	0.296	9804	0.266	0.1	-141.9	10.2	3.8	-1.4	5.76E+11	97.60	0.0034364	-1027.81955
10/3/2007	2.59	9.5	0.596	0.424	11690	0.307	0.1	-215.8	8.3	5.9	29.2	7.40E+11	97.99	0.0042712	-877.198697
10/10/2007	2.59	9	0.665	0.03	100	0.225	0.1	-233.3	9.3	0.4	-900.0	6.33E+09	-135.00	0.0031304	-1233.33333
10/17/2007	4.06	148	0.1	0.577	1414	0.214	1.6	79.7	2.2	12.6	48.0	1.41E+11	83.38	0.0046786	-1301.86916
10/24/2007	8.59	6	0.1	0.702	4800	0.363	0.1	-400.0	4.6	32.4	57.3	1.01E+12	95.10	0.0167743	-726.446281
10/31/2007	3.42	8.4	0.1	0.03	185	0.481	0.1	-257.1	1.8	0.6	-900.0	1.55E+10	-27.03	0.008843	-523.700624
11/7/2007	3.14	9.5	0.1	0.113	157	0.385	0.1	-215.8	1.7	1.9	-165.5	1.21E+10	-49.68	0.0065042	-679.220779
11/14/2007	22.17	25	0.1	0.277	2750	0.13	1.5	-20.0	11.9	33.0	-8.3	1.49E+12	91.45	0.0155027	-2207.69231
11/21/2007	41.84	5	0.1	0.079	740		0.6	-500.0	22.5	17.8	-279.7	7.57E+11	68.24		
11/28/2007	54.68	26.5	0.155	0.247	775		3.9	-13.2	45.6	72.7	-21.5	1.04E+12	69.68		
12/12/2007	252.14	140	0.143	0.902			95.0	78.6	194.0	1223.6	66.7				
12/26/2007	52.27	35.5	0.1	0.037			5.0	15.5	28.1	10.4	-710.8				
1/16/2008	25.77	34.5	0.166	0.03			2.4	13.0	23.0	4.2	-900.0				
1/30/2008	41.47	FROZE	FROZE	FROZE			FROZE	FROZE	FROZE	FROZE	FROZE				
2/6/2008	417.46	360	0.324	0.678			404.3	91.7	727.7	1522.7	55.8				
2/20/2008	41.01	34	0.199	0.309			3.8	11.8	43.9	68.2	2.9				
3/5/2008	85.43	73	0.504	0.429			16.8	58.9	231.6	197.2	30.1				
3/19/2008	190.26	460	0.31	0.888			235.4	93.5	317.3	908.9	66.2				
4/2/2008	86.35	146	0.1	0.557	1340	0.08	33.9	79.5	46.5	258.8	46.1	2.83E+12	82.46	0.0371668	-3650
4/9/2008	18.47	26.8	0.1	0.185	194	0.03	1.3	-11.9	9.9	18.4	-62.2	8.77E+10	-21.13	0.0029813	-9900
4/16/2008	20.87	10.5	0.1	0.133	96	0.03	0.6	-185.7	11.2	14.9	-125.6	4.90E+10	-144.79	0.0033689	-9900
4/23/2008	9.14				411							9.19E+10	42.82		
4/30/2008	7.30	11	0.1	0.411	1553	0.08	0.2	-172.7	3.9	16.1	27.0	2.77E+11	84.87	0.0031403	-3650
5/7/2008	5.73	12.3	0.1	0.124	687	0.14	0.2	-143.9	3.1	3.8	-141.9	9.62E+10	65.79	0.0043129	-2042.85714
5/14/2008	43.32	45	0.278	0.651	15402		5.2	33.3	64.8	151.7	53.9	1.63E+13	98.47		
5/21/2008	10.34	15.9	0.1	0.089	517	0.21	0.4	-88.7	5.6	5.0	-237.1	1.31E+11	54.55	0.0116867	-1328.57143
5/28/2008	5.17	22.4	0.1	0.107	980		0.3	-33.9	2.8	3.0	-180.4	1.24E+11	76.02		
6/4/2008	39.34	28	0.107	0.166	1733	3.19	3.0	-7.1	22.6	35.1	-80.7	1.67E+12	86.44	0.675234	5.956112853
6/11/2008	66.68	37.5	0.251	0.286	2668		6.7	20.0	90.0	102.6	-4.9	4.35E+12	91.19		
6/18/2008	10.53	26.8	0.1	0.275	1553	2.79	0.8	-11.9	5.7	15.6	-9.1	4.00E+11	84.87	0.1580386	-7.52688172
6/25/2008	24.20	26	0.1	0.2	921		1.7	-15.4	13.0	26.0	-50.0	5.45E+11	74.48		
7/2/2008	8.22	25.5	0.1	0.182	1414	10.42	0.6	-17.6	4.4	8.0	-64.8	2.84E+11	83.38	0.4607993	71.20921305
7/9/2008	83.31	142	0.213	0.272	30760		31.8	78.9	95.5	121.9	-10.3	6.27E+13	99.24		
7/16/2008	5.08	27	0.1	0.167	1203	0.52	0.4	-11.1	2.7	4.6	-79.6	1.50E+11	80.47	0.0142109	-476.923077
7/23/2008	4.99	17.7	0.1	0.276	1120		0.2	-69.5	2.7	7.4	-8.7	1.37E+11	79.02		

Borum Run

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	9.27	8.3	0.1	0.096	345	0.26	0.2	-261.4	5.0	4.8	-212.5	7.83E+10	31.88	0.01297001	-1053.846154
9/19/2007	1.61	18	0.1	0.062	10	0.37	0.1	-66.7	0.9	0.5	-383.9	3.95E+08	-2250.00	0.00321448	-710.8108108
9/26/2007	1.35	15.6	0.1	0.121	3873	0.435	0.1	-92.3	0.7	0.9	-147.9	1.28E+11	93.93	0.00316964	-589.6551724
10/3/2007	1.46	11	0.1	0.238	100	0.449	0.0	-172.7	0.8	1.9	-26.1	3.57E+09	-135.00	0.00352331	-568.1514477
10/10/2007	1.46	5	0.1	0.03	100	0.381	0.0	-500.0	0.8	0.2	-900.0	3.57E+09	-135.00	0.00298972	-687.4015748
10/17/2007	2.29	4.2	0.1	0.085	411	0.42	0.0	-614.3	1.2	1.0	-252.9	2.30E+10	42.82	0.00517904	-614.2857143
10/24/2007	4.84	2	0.1	0.828	2430	0.367	0.0	-1400.0	2.6	21.6	63.8	2.88E+11	90.33	0.00956525	-717.4386921
10/31/2007	1.93	3	0.1	0.03	33	0.59	0.0	-900.0	1.0	0.3	-900.0	1.56E+09	-612.12	0.00611788	-408.4745763
11/7/2007	1.77	6	0.1	0.09	1	0.418	0.0	-400.0	1.0	0.9	-233.3	4.33E+07	-23400.00	0.00398293	-617.7033493
11/14/2007	12.50	7	0.1	0.432	630	0.1	0.2	-328.6	6.7	29.1	30.6	1.93E+11	62.70	0.00672602	-2900
11/21/2007	23.60	5.5	0.1	0.03	100		0.3	-445.5	12.7	3.8	-900.0	5.77E+10	-135.00		
11/28/2007	30.84	23.5	0.1	0.03	321		1.9	-27.7	16.6	5.0	-900.0	2.42E+11	26.79		
12/12/2007	142.21	208	0.1	0.635			79.6	85.6	76.5	485.8	52.8				
12/26/2007	29.48	23.5	0.1	0.103			1.9	-27.7	15.9	16.3	-191.3				
1/16/2008	14.53	12.9	0.1	0.03			0.5	-132.6	7.8	2.3	-900.0				
1/30/2008	23.39	26	0.302	0.359			1.6	-15.4	38.0	45.2	16.4				
2/6/2008	235.45	576	0.121	0.556			364.8	94.8	153.3	704.3	46.0				
2/20/2008	23.13	12	0.102	0.194			0.7	-150.0	12.7	24.1	-54.6				
3/5/2008	48.18	58	0.1	0.256			7.5	48.3	25.9	66.4	-17.2				
3/19/2008	107.31	752	0.1	0.836			217.1	96.0	57.7	482.6	64.1				
4/2/2008	48.71	110	0.123	0.406	778	0.04	14.4	72.7	32.2	106.4	26.1	9.27E+11	69.79	0.01048139	-7400
4/9/2008	10.42	13.2	0.1	0.093	308	0.05	0.4	-127.3	5.6	5.2	-222.6	7.85E+10	23.70	0.00280251	-5900
4/16/2008	11.77	5.1	0.1	0.133	148	0.03	0.2	-488.2	6.3	8.4	-125.6	4.26E+10	-58.78	0.0019001	-9900
4/23/2008	5.16				70							8.83E+09	-235.71		
4/30/2008	4.12	10.5	0.01	0.58	184	0.12	0.1	-185.7	0.2	12.8	48.3	1.85E+10	-27.72	0.00265678	-2400
5/7/2008	3.23	3.3	0.1	0.089	365	0.25	0.0	-809.1	1.7	1.5	-237.1	2.88E+10	35.62	0.00434389	-1100
5/14/2008	24.43	45	0.186	0.478	5510		3.0	33.3	24.4	62.8	37.2	3.29E+12	95.74		
5/21/2008	5.83	7.2	0.1	0.013	461	0.7	0.1	-316.7	3.1	0.4	-2207.7	6.58E+10	49.02	0.02197167	-328.5714286
5/28/2008	2.92	4.8	0.1	0.095	250		0.0	-525.0	1.6	1.5	-215.8	1.78E+10	6.00		
6/4/2008	22.19	30	0.1	0.056	3444	1.31	1.8	0.0	11.9	6.7	-435.7	1.87E+12	93.18	0.15639685	-129.0076336
6/11/2008	37.61	23.7	1.21	0.179	1864		2.4	-26.6	244.8	36.2	-67.6	1.72E+12	87.39		
6/18/2008	5.94	17.1	0.1	0.132	1203	4.82	0.3	-75.4	3.2	4.2	-127.3	1.75E+11	80.47	0.15399229	37.7593361
6/25/2008	13.65	12.8	0.1	0.131	517		0.5	-134.4	7.3	9.6	-129.0	1.73E+11	54.55		
7/2/2008	4.64	16.2	0.1	0.144	866	8.59	0.2	-85.2	2.5	3.6	-108.3	9.82E+10	72.86	0.21425465	65.07566938
7/9/2008	46.99	54.5	0.1	0.084	3590		6.9	45.0	25.3	21.2	-257.1	4.13E+12	93.45		
7/16/2008	2.87	12.3	0.1	0.076	1203	0.46	0.1	-143.9	1.5	1.2	-294.7	8.43E+10	80.47	0.00709035	-552.173913
7/23/2008	2.81	14.8	0.1	0.153	1046		0.1	-102.7	1.5	2.3	-96.1	7.20E+10	77.53		

Holthouse Ditch

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	18.71	25	0.1	0.666	461	0.89	1.3	-20.0	10.1	67.1	55.0	2.11E+11	49.02	0.08960488	-237.0786517
9/19/2007	3.26	25.5	0.1	0.164	127	0.31	0.2	-17.6	1.8	2.9	-82.9	1.01E+10	-85.04	0.00543557	-867.7419355
9/26/2007	2.73	24.4	0.1	0.315	203	0.282	0.2	-23.0	1.5	4.6	4.8	1.36E+10	-15.76	0.0041471	-963.8297872
10/3/2007	2.94	8	0.1	0.451	100	0.321	0.1	-275.0	1.6	7.1	33.5	7.20E+09	-135.00	0.00508376	-834.5794393
10/10/2007	2.94	24	0.1	0.797	980	0.262	0.2	-25.0	1.6	12.6	62.4	7.06E+10	76.02	0.00414936	-1045.038168
10/17/2007	4.63	16.4	0.1	0.486	61	0.319	0.2	-82.9	2.5	12.1	38.3	6.90E+09	-285.25	0.00793899	-840.4388715
10/24/2007	9.78	14	0.1	0.624	2650	0.335	0.4	-114.3	5.3	32.8	51.9	6.34E+11	91.13	0.01762177	-795.5223881
10/31/2007	3.89	6.8	0.1	0.03	34	0.454	0.1	-341.2	2.1	0.6	-900.0	3.24E+09	-591.18	0.00950122	-560.7929515
11/7/2007	3.57	6	0.1	0.243	22	0.355	0.1	-400.0	1.9	4.7	-23.5	1.92E+09	-968.18	0.00682698	-745.0704225
11/14/2007	25.23	20	0.1	0.492	1080	0.19	1.4	-50.0	13.6	66.8	39.0	6.67E+11	78.24	0.02579209	-1478.947368
11/21/2007	47.63	13.5	0.1	0.079	100		1.7	-122.2	25.6	20.2	-279.7	1.17E+11	-135.00		
11/28/2007	62.24	25.5	0.1	0.586	977		4.3	-17.6	33.5	196.2	48.8	1.49E+12	75.95		
12/12/2007	287.01	190	0.1	0.302			146.7	84.2	154.4	466.3	0.7				
12/26/2007	59.51	19	0.431	0.271			3.0	-57.9	138.0	86.8	-10.7				
1/16/2008	29.33	21	0.112	0.165			1.7	-42.9	17.7	26.0	-81.8				
1/30/2008	47.20	29	0.367	0.087			3.7	-3.4	93.2	22.1	-244.8				
2/6/2008	475.20	624	0.198	1.074			797.7	95.2	506.2	2745.8	72.1				
2/20/2008	46.68	25	0.166	0.328			3.1	-20.0	41.7	82.4	8.5				
3/5/2008	97.25	64	0.156	0.461			16.7	53.1	81.6	241.2	34.9				
3/19/2008	216.57	720	0.163	1.166			419.5	95.8	189.9	1358.6	74.3				
4/2/2008	98.30	130	0.1	0.62	320	0.13	34.4	76.9	52.9	327.9	51.6	7.70E+11	26.56	0.06875062	-2207.692308
4/9/2008	21.03	15	0.1	0.721	225	0.03	0.8	-100.0	11.3	81.6	58.4	1.16E+11	-4.44	0.0033937	-9900
4/16/2008	23.76	6	0.1	0.009	228	0.08	0.4	-400.0	12.8	1.2	-3233.3	1.33E+11	-3.07	0.01022634	-3650
4/23/2008	10.41				579							1.47E+11	59.41		
4/30/2008	8.31	10	0.1	0.436	64	0.21	0.2	-200.0	4.5	19.5	31.2	1.30E+10	-267.19	0.00938357	-1328.571429
5/7/2008	6.52	14.1	0.1	0.341	1553	0.82	0.2	-112.8	3.5	12.0	12.0	2.48E+11	84.87	0.02875592	-265.8536585
5/14/2008	49.31	72	0.205	0.569	2752		9.5	58.3	54.4	150.9	47.3	3.32E+12	91.46		
5/21/2008	11.77	12	0.1	0.058	435	0.55	0.4	-150.0	6.3	3.7	-417.2	1.25E+11	45.98	0.03484194	-445.4545455
5/28/2008	5.89	13.8	0.1	0.119	770		0.2	-117.4	3.2	3.8	-152.1	1.11E+11	69.48		
6/4/2008	44.79	44.5	0.1	0.265	1918	6.63	5.4	32.6	24.1	63.9	-13.2	2.10E+12	87.75	1.59751443	54.75113122
6/11/2008	75.91	46	1.65	0.452	2044		9.4	34.8	673.8	184.6	33.6	3.80E+12	88.50		
6/18/2008	11.99	35.5	0.1	0.232	866	2.96	1.1	15.5	6.4	15.0	-29.3	2.54E+11	72.86	0.19086145	-1.351351351
6/25/2008	27.54	32	0.1	0.15	1553		2.4	6.3	14.8	22.2	-100.0	1.05E+12	84.87		
7/2/2008	9.36	19.2	0.1	0.182	1414	0.91	0.5	-56.3	5.0	9.2	-64.8	3.24E+11	83.38	0.04580924	-229.6703297
7/9/2008	94.83	127	0.1	0.163	8600		32.4	76.4	51.0	83.2	-84.0	2.00E+13	97.27		
7/16/2008	5.78	20	0.1	0.167	1046	0.57	0.3	-50.0	3.1	5.2	-79.6	1.48E+11	77.53	0.01773206	-426.3157895
7/23/2008	5.68	26.5	0.121	0.326	387		0.4	-13.2	3.7	10.0	8.0	5.38E+10	39.28		

Gerke Ditch

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	7.39	13.2	0.1	0.149	613	0.5	0.26243	-127.27273	3.97621	5.92455	-101.34228	1.11E+11	61.66	0.01988104	-500
9/19/2007	1.29	10.8	0.1	0.107	770	0.377	0.03739	-177.77778	0.69249	0.74096	-180.37383	2.42E+10	69.48	0.00261067	-695.7559682
9/26/2007	1.08	12.8	0.303	0.114	211	0.347	0.03717	-134.37500	1.75981	0.66211	-163.15789	5.57E+09	-11.37	0.00201536	-764.5533141
10/3/2007	1.16	9.5	0.1	0.118	100	0.399	0.02971	-215.78947	0.62547	0.73806	-154.23729	2.84E+09	-135.00	0.00249563	-651.8796992
10/10/2007	1.16	39	0.1	0.1	970	0.314	0.12197	23.07692	0.62547	0.62547	-200.00000	2.76E+10	75.77	0.00196398	-855.4140127
10/17/2007	1.83	13.2	0.273	0.241	2420	0.351	0.06487	-127.27273	2.68327	2.36875	-24.48133	1.08E+11	90.29	0.00344992	-754.7008547
10/24/2007	3.86	25	0.1	0.789	1350	0.373	0.25968	-20.00000	2.07746	16.39114	61.97719	1.28E+11	82.59	0.00774892	-704.2895442
10/31/2007	1.54	6.4	0.1	0.03	365	0.485	0.02645	-368.75000	0.82652	0.24795	-900.00000	1.37E+10	35.62	0.0040086	-518.556701
11/7/2007	1.41	3.9	0.1	0.146	727	0.409	0.01481	-669.23077	0.75950	1.10887	-105.47945	2.51E+10	67.68	0.00310636	-633.4963325
11/14/2007	9.97	10.5	0.1	0.223	1340	0.08	0.28146	-185.71429	5.36118	11.95543	-34.52915	3.27E+11	82.46	0.00428894	-3650
11/21/2007	18.81	8.5	0.234	0.166	1340		0.43007	-252.94118	23.67899	16.79792	-80.72289	6.17E+11	82.46		
11/28/2007	24.58	13	0.1	0.327	1842		0.85958	-130.76923	13.22424	43.24328	8.25688	1.11E+12	87.24		
12/12/2007	113.35	140	0.1	0.46			42.68840	78.57143	60.98343	280.52376	34.78261				
12/26/2007	23.50	9.6	0.1	0.066			0.60689	-212.50000	12.64345	8.34468	-354.54545				
1/16/2008	11.58	5.7	0.129	0.085			0.17762	-426.31579	8.03976	5.29752	-252.94118				
1/30/2008	18.64	FROZE	FROZE	FROZE			FROZE	FROZE	FROZE	FROZE	FROZE				
2/6/2008	187.67	480	0.147	0.708			242.32535	93.75000	148.42427	714.85977	57.62712				
2/20/2008	18.44	FROZE	FROZE	FROZE			FROZE	FROZE	FROZE	FROZE	FROZE				
3/5/2008	38.41	47	0.131	0.858			4.85578	36.17021	27.06838	177.28753	65.03497				
3/19/2008	85.53	620	0.1	1.056			142.65207	95.16129	46.01680	485.93738	71.59091				
4/2/2008	38.82	96	0.1	0.356	374	0	10.02541	68.75000	20.88626	74.35510	15.73034	3.55E+11	37.17		
4/9/2008	8.30	12.6	0.1	0.093	816	0.06	0.28146	-138.09524	4.46765	4.15491	-222.58065	1.66E+11	71.20	0.00268059	-4900
4/16/2008	9.38	5.4	0.1	0.074	179	0.05	0.13631	-455.55556	5.04844	3.73585	-305.40541	4.11E+10	-31.28	0.00252422	-5900
4/23/2008	4.11				126							1.27E+10	-86.51		
4/30/2008	3.28	9.5	0.01	0.947	185	0.27	0.08382	-215.78947	0.17647	16.71192	68.32101	1.48E+10	-27.03	0.00476475	-1011.111111
5/7/2008	2.57	11.4	0.1	0.177	770	2.67	0.07894	-163.15789	1.38497	2.45140	-69.49153	4.85E+10	69.48	0.03697874	-12.35955056
5/14/2008	19.47	165	0.133	0.998	3564		8.64323	81.81818	13.93393	104.55686	69.93988	1.70E+12	93.41		
5/21/2008	4.65	9.9	0.1	0.043	461	0.51	0.12384	-203.03030	2.50188	1.07581	-597.67442	5.25E+10	49.02	0.01275961	-488.2352941
5/28/2008	2.33	5.4	0.1	0.059	387		0.03378	-455.55556	1.25094	0.73806	-408.47458	2.20E+10	39.28		
6/4/2008	17.69	40.5	0.141	0.204	1508	9.16	1.92701	25.92593	13.41769	19.41283	-47.05882	6.53E+11	84.42	0.87167429	67.2489083
6/11/2008	29.98	49	0.675	0.306	2374		3.95141	38.77551	108.86547	49.35234	1.96078	1.74E+12	90.10		
6/18/2008	4.73	24	0.1	0.157	687	2.09	0.30559	-25.00000	2.54656	3.99810	-91.08280	7.96E+10	65.79	0.05322312	-43.54066986
6/25/2008	10.88	24.5	0.14	0.162	1300		0.71695	-22.44898	8.19367	9.48125	-85.18519	3.46E+11	81.92		
7/2/2008	3.70	16.4	0.119	0.264	1120	1.58	0.16302	-82.92683	2.36584	5.24860	-13.63636	1.01E+11	79.02	0.03141205	-89.87341772
7/9/2008	37.45	88	0.1	0.055	4710		8.86561	65.90909	20.14910	11.08201	-445.45455	4.32E+12	95.01		
7/16/2008	2.28	12.3	0.1	0.18	326	0.89	0.07556	-143.90244	1.22860	2.21149	-66.66667	1.82E+10	27.91	0.01093457	-237.0786517
7/23/2008	2.24	12.4	0.1	0.202	411		0.07479	-141.93548	1.20627	2.43666	-48.51485	2.25E+10	42.82		

Nickelson Creek

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	8.85	3	0.1	0.214	179	0.46	0.1	-900.0	4.8	10.2	-40.2	3.88E+10	-31.28	0.02190847	-552.173913
9/19/2007	1.54	3.2	0.1	0.081	201	0.378	0.0	-837.5	0.8	0.7	-270.4	7.58E+09	-16.92	0.00313536	-693.6507937
9/26/2007	1.29	10.4	0.1	0.205	327	0.321	0.0	-188.5	0.7	1.4	-46.3	1.03E+10	28.13	0.00223312	-834.5794393
10/3/2007	1.39	8.8	0.1	0.218	200	0.403	0.0	-240.9	0.7	1.6	-37.6	6.81E+09	-17.50	0.00301924	-644.4168734
10/10/2007	1.39	5	0.1	0.214	100	0.307	0.0	-500.0	0.7	1.6	-40.2	3.41E+09	-135.00	0.00230002	-877.1986971
10/17/2007	2.19	4.4	0.1	0.137	435	0.373	0.0	-581.8	1.2	1.6	-119.0	2.33E+10	45.98	0.00439133	-704.2895442
10/24/2007	4.63	0.8	0.1	0.722	1810	0.35	0.0	-3650.0	2.5	18.0	58.4	2.05E+11	87.02	0.00870934	-757.1428571
10/31/2007	1.84	3.3	0.1	0.03	548	0.456	0.0	-809.1	1.0	0.3	-900.0	2.47E+10	57.12	0.00451441	-557.8947368
11/7/2007	1.69	7.8	0.1	0.185	173	0.412	0.0	-284.6	0.9	1.7	-62.2	7.16E+09	-35.84	0.00374809	-628.1553398
11/14/2007	11.94	9	0.1	0.089	1320	0.16	0.3	-233.3	6.4	5.7	-237.1	3.85E+11	82.20	0.01027461	-1775
11/21/2007	22.53	25.6	0.245	0.353	7540		1.6	-17.2	29.7	42.8	15.0	4.16E+12	96.88		
11/28/2007	29.44	14	0.1	0.16	821		1.1	-114.3	15.8	25.3	-87.5	5.91E+11	71.38		
12/12/2007	135.77	117	0.1	0.732			42.7	74.4	73.0	534.7	59.0				
12/26/2007	28.15	14.1	0.112	0.191			1.1	-112.8	17.0	28.9	-57.1				
1/16/2008	13.88	8.1	0.1	0.067			0.3	-270.4	7.5	5.0	-347.8				
1/30/2008	22.33	19	0.305	0.03			1.1		36.6	3.6					
2/6/2008	224.80	396	0.149	0.58			239.5	92.4	180.2	701.5	48.3				
2/20/2008	22.08	10	0.111	0.15			0.6		13.2	17.8					
3/5/2008	46.00	53	0.11	5.409			6.6	43.4	27.2	1338.7	94.5				
3/19/2008	102.45	456	0.1	0.791			125.7	93.4	55.1	436.0	62.1				
4/2/2008	46.50	68	0.1	0.362	1666	0	8.5	55.9	25.0	90.6	17.1	1.90E+12	85.89		
4/9/2008	9.95	10.5	0.1	0.1	272	0	0.3	-185.7	5.4	5.4	-200.0	6.62E+10	13.60		
4/16/2008	11.24	5.1	0.1	0.087	142	0.13	0.2	-488.2	6.0	5.3	-244.8	3.90E+10	-65.49	0.00786115	-2207.692308
4/23/2008	4.92				770							9.28E+10	69.48		
4/30/2008	3.93	9.5	0.1	0.947	185	0.27	0.1	-215.8	2.1	20.0	68.3	1.78E+10	-27.03	0.00570723	-1011.111111
5/7/2008	3.08	6	0.1	0.259	517	2.34	0.0	-400.0	1.7	4.3	-15.8	3.90E+10	54.55	0.03881877	-28.20512821
5/14/2008	23.33	98	0.24	0.615	4280		6.1	69.4	30.1	77.2	51.2	2.44E+12	94.51		
5/21/2008	5.57	6.3	0.113	0.043	214	1.35	0.1	-376.2	3.4	1.3	-597.7	2.92E+10	-9.81	0.04045629	-122.2222222
5/28/2008	2.79	4.5	0.1	0.059	285		0.0	-566.7	1.5	0.9	-408.5	1.94E+10	17.54		
6/4/2008	21.19	11.1	0.118	0.146	1553	1.2	0.6	-170.3	13.5	16.6	-105.5	8.05E+11	84.87	0.13678079	-150
6/11/2008	35.91	31.5	0.221	0.352	3870		3.0	4.8	42.7	68.0	14.8	3.40E+12	93.93		
6/18/2008	5.67	6.6	0.1	0.126	548	2.12	0.1	-354.5	3.1	3.8	-138.1	7.60E+10	57.12	0.06466585	-41.50943396
6/25/2008	13.03	8.4	0.1	0.245	2420		0.3	-257.1	7.0	17.2	-22.4	7.71E+11	90.29		
7/2/2008	4.43	4.5	0.1	0.088	517	0.93	0.1	-566.7	2.4	2.1	-240.9	5.60E+10	54.55	0.02214661	-222.5806452
7/9/2008	44.86	31.5	0.108	0.364	2530		3.8	4.8	26.1	87.9	17.6	2.78E+12	90.71		
7/16/2008	2.74	16	0.1	0.192	1203	0.56	0.1	-87.5	1.5	2.8	-56.3	8.05E+10	80.47	0.0082411	-435.7142857
7/23/2008	2.69	20.5	0.1	0.474	687		0.1	-46.3	1.4	6.8	36.7	4.51E+10	65.79		

St. Marys River - Poe, IN

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
9/12/2007	1102.32	118	0.1	0.352	770	0.56	349.9	74.6	593.1	2087.5	14.8	2.08E+13	69.48	3.32108417	-435.714286
9/19/2007	77.64	28	0.1	0.17	276	0.37	5.8	-7.1	41.8	71.0	-76.5	5.24E+11	14.86	0.15455418	-710.810811
9/26/2007	42.18	33.6	0.1	0.218	75	0.346	3.8	10.7	22.7	49.5	-37.6	7.74E+10	-213.33	0.0785096	-767.052023
10/3/2007	32.59	35	0.1	0.238	100	0.422	3.1	14.3	17.5	41.7	-26.1	7.97E+10	-135.00	0.07399211	-610.900474
10/10/2007	29.71	32	0.1	0.086	100	0.344	2.6	6.3	16.0	13.7	-248.8	7.27E+10	-135.00	0.05499385	-772.093023
10/17/2007	34.51	35.2	0.1	0.169	291	0.391	3.3	14.8	18.6	31.4	-77.5	2.46E+11	19.24	0.07258941	-667.263427
10/24/2007	222.38	17	0.1	0.741	8570	0.333	10.2	-76.5	119.6	886.5	59.5	4.66E+13	97.26	0.39840633	-800.900901
10/31/2007	74.77	19.2	0.1	0.03	40	0.408	3.9	-56.3	40.2	12.1	-900.0	7.32E+10	-487.50	0.16411519	-635.294118
11/7/2007	34.51	10	0.1	0.269	52	0.392	0.9	-200.0	18.6	49.9	-11.5	4.39E+10	-351.92	0.07277506	-665.306122
11/14/2007	561.71	51	0.1	0.526	1480	0.38	77.1	41.2	302.2	1589.6	43.0	2.03E+13	84.12	1.14835252	-689.473684
11/21/2007	460.10	16.2	0.1	0.03	100		20.1	-85.2	247.5	74.3	-900.0	1.13E+12	-135.00		
11/28/2007	2511.38	48.8	0.103	0.03	1733		329.7	38.5	1391.7	405.3	-900.0	1.06E+14	86.44		
12/12/2007	4399.71	179	0.273	0.853			2118.5	83.2	6462.0	20190.9	64.8				
12/26/2007	1629.52	32.5	0.1	0.187			142.5	7.7	876.7	1639.4	-60.4				
1/16/2008	1092.74	50	0.1	0.187			147.0	40.0	587.9	1099.4	-60.4				
1/30/2008	179.25	22	0.929	0.269			10.6		895.9	259.4					
2/6/2008	7486.22	544	0.392	0.361			10955.0	94.5	15788.1	14539.6	16.9				
2/20/2008	839.68	83	0.149	0.322			187.5		673.1	1454.6					
3/5/2008	3862.93	154	0.242	4.465			1600.3	80.5	5029.4	92794.1	93.3				
3/19/2008	3508.27	232	0.14	0.544			2189.4	87.1	2642.4	10267.7	44.9				
4/2/2008	3604.12	288	0.1	0.827	1024	0	2792.2	89.6	1939.0	16035.7	63.7	9.03E+13	77.05		
4/9/2008	741.91	94.4	0.1	0.362	649	0.11	188.4	68.2	399.1	1444.9	17.1	1.18E+13	63.79	0.43906383	-2627.27273
4/16/2008	692.07	65.5	0.1	0.304	150	0.04	121.9	54.2	372.3	1131.9	1.3	2.54E+12	-56.67	0.14893309	-7400
4/23/2008	393.00	176	0.411	0.418	276	0.1	186.1		869.0	883.8		2.65E+12	14.86	0.21143548	-2900
4/30/2008	122.69	35	0.01	0.997	127	0.16	11.6	14.3	6.6	658.1	69.9	3.81E+11	-85.04	0.1056146	-1775
5/7/2008	163.91	55	0.1	0.212	197	2.53	24.3	45.5	88.2	187.0	-41.5	7.90E+11	-19.29	2.2310569	-18.5770751
5/14/2008	2712.68	52	0.272	0.679	530	8.92	379.4	42.3	3969.6	9909.5	55.8	3.52E+13	55.66	130.180311	66.367713
5/21/2008	0.00	27.5	0.1	0.145	152	2.72									
5/28/2008	109.27	24	0.1	0.119	64	2.09	7.1	-25.0	58.8	70.0	-152.1	1.71E+11	-267.19	1.228698	-43.5406699
6/4/2008	869.40	212	0.162	0.405	1146	16.4	495.8	85.8	757.7	1894.3	25.9	2.44E+13	79.49	76.7087931	81.70731707
6/11/2008	1639.11	231	0.948	0.686	5702	8.04	1018.5	87.0	8359.8	6049.4	56.3	2.29E+14	95.88	70.89999	62.68656716
6/18/2008	380.54	29	0.1	0.35	770	4.21	29.7	-3.4	204.7	716.6	14.3	7.17E+12	69.48	8.61919324	28.74109264
6/25/2008	154.33	71	0.1	0.219	214	4.36	29.5	57.7	83.0	181.8	-37.0	8.08E+11	-9.81	3.61998174	31.19266055
7/2/2008	899.11	90	0.1	0.34	649	5.38	217.7	66.7	483.7	1644.7	11.8	1.43E+13	63.79	26.0243043	44.23791822
7/9/2008	726.58	131	0.1	0.033	4320	1.22	256.0	77.1	390.9	129.0	-809.1	7.68E+13	94.56	4.7689531	-145.901639
7/16/2008	198.42	74	0.1	0.18	194	1.38	39.5	59.5	106.7	192.1	-66.7	9.42E+11	-21.13	1.47313805	-117.391304
7/23/2008	74.77	56.8	0.1	0.283	147	1.6	11.4	47.2	40.2	113.8	-6.0	2.69E+11	-59.86	0.64358898	-87.5

Upper Gates Ditch

Sample Date	Calculated Flow *(cfs)*	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
4/23/2008	3.25	46	0.334	0.267	613	0.08	0.4	34.8	5.8	4.7	-12.4	4.88E+10	61.66	0.0013998	-3650
4/30/2008	2.60														
5/7/2008	2.04	48	0.542	0.048	1414		0.3	37.5	5.9	0.5	-525.0	7.05E+10	83.38		
5/14/2008	15.41	91	0.437	0.314	4374	0.61	3.8	67.0	36.2	26.0	4.5	1.65E+12	94.63	0.05056418	-391.803279
5/21/2008	3.68	51.5	0.346	0.18	1203		0.5	41.7	6.8	3.6	-66.7	1.08E+11	80.47		
5/28/2008	1.84	72	0.496	0.293	613	0.177	0.4	58.3	4.9	2.9	-2.4	2.76E+10	61.66	0.00175187	-1594.91525
6/4/2008	13.99	586	3.7	1.664	48392		22.1	94.9	278.6	125.3	82.0	1.66E+13	99.51		
6/11/2008	23.72	98	0.453	0.486	8704	9.45	6.3	69.4	57.8	62.0	38.3	5.05E+12	97.30	1.20589439	68.25396825
6/18/2008	3.75	109	0.448	0.599	1046		1.1	72.5	9.0	12.1	49.9	9.58E+10	77.53		
6/25/2008	8.61	90	0.792	0.035	1986	2.86	2.1	66.7	36.7	1.6	-757.1	4.18E+11	88.17	0.13243647	-4.8951049
7/2/2008	2.92	92	0.464	0.724	2420		0.7	67.4	7.3	11.4	58.6	1.73E+11	90.29		
7/9/2008	29.63	203	0.13	0.424	38730	4.61	16.2	85.2	20.7	67.6	29.2	2.81E+13	99.39	0.73493297	34.92407809
7/16/2008	1.81	64	0.202	0.321	2420		0.3	53.1	2.0	3.1	6.5	1.07E+11	90.29		
7/23/2008	1.77	172	0.668	1.121	2420	0.48	0.8	82.6	6.4	10.7	73.2	1.05E+11	90.29	0.00458116	-525

Upper Blue Creek

Sample Date	Calculated Flow *(cfs)*	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
4/23/2008	8.96	11.5	0.1	0.228	291	6	0.3	-160.9	4.8	11.0	-31.6	6.38E+10	19.24	0.28931594	50
4/30/2008	7.15														
5/7/2008	5.61	17.5	0.1	0.276	1414		0.3	-71.4	3.0	8.3	-8.7	1.94E+11	83.38		
5/14/2008	42.46	110	0.269	0.04	3684	0.8	12.6	72.7	61.4	9.1	-650.0	3.83E+12	93.62	0.18274637	-275
5/21/2008	10.14	21	0.1	0.124	411		0.6	-42.9	5.5	6.8	-141.9	1.02E+11	42.82		
5/28/2008	5.07	13.5	0.394	0.221	1203	0.57	0.2	-122.2	10.7	6.0	-35.7	1.49E+11	80.47	0.01554708	-426.315789
6/4/2008	38.57	99	0.81	0.476	9768		10.3	69.7	168.1	98.8	37.0	9.22E+12	97.59		
6/11/2008	65.36	57	2	0.572	5510	6.76	10.0	47.4	703.3	201.1	47.6	8.81E+12	95.74	2.37722241	55.62130178
6/18/2008	10.32	15.5	0.178	0.251	921		0.4	-93.5	9.9	13.9	-19.5	2.33E+11	74.48		
6/25/2008	23.72	11.4	0.1	0.175	488	6.83	0.7	-163.2	12.8	22.3	-71.4	2.83E+11	51.84	0.87158133	56.0761347
7/2/2008	8.06	26.5	0.1	0.27	1414		0.6	-13.2	4.3	11.7	-11.1	2.79E+11	83.38		
7/9/2008	81.66	254	0.143	0.778	43520	2.16	55.8	88.2	62.8	341.8	61.4	8.69E+13	99.46	0.9489563	-38.8888889
7/16/2008	4.98	17.6	0.155	0.16	185		0.2	-70.5	4.2	4.3	-87.5	2.25E+10	-27.03		
7/23/2008	4.89	18.5	0.237	0.338	98	1.31	0.2	-62.2	6.2	8.9	11.2	1.17E+10	-139.80	0.0344549	-129.007634

Twentyseven Mile Creek

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
4/23/2008	10.73	15	0.1	0.045	248	0.26	0.4	-100.0	5.8	2.6	-566.7	6.51E+10	5.24	0.0150118	-1053.846154
4/30/2008	8.56														
5/7/2008	6.72	57	0.1	0.071	387		1.0	47.4	3.6	2.6	-322.5	6.36E+10	39.28		
5/14/2008	50.84	22	0.128	0.423	518	2.85	3.0	-36.4	35.0	115.7	29.1	6.44E+11	54.63	0.7795455	-5.263157895
5/21/2008	12.14	15.9	0.1	0.241	613		0.5	-88.7	6.5	15.7	-24.5	1.82E+11	61.66		
5/28/2008	6.07	146	0.1	0.143	219	1.29	2.4	79.5	3.3	4.7	-109.8	3.25E+10	-7.31	0.042131	-132.5581395
6/4/2008	46.18	40.5	0.1	0.075	1542		5.0	25.9	24.8	18.6	-300.0	1.74E+12	84.76		
6/11/2008	78.27	54	0.714	0.292	2212	7.77	11.4	44.4	300.6	123.0	-2.7	4.24E+12	89.38	3.2717639	61.38996139
6/18/2008	12.36	35	0.1	0.213	1414		1.2	14.3	6.6	14.2	-40.8	4.28E+11	83.38		
6/25/2008	28.40	31	0.1	0.181	345	8.8	2.4	3.2	15.3	27.7	-65.7	2.40E+11	31.88	1.3446452	65.90909091
7/2/2008	9.65	26.8	0.1	0.063	517		0.7	-11.9	5.2	3.3	-376.2	1.22E+11	54.55		
7/9/2008	97.78	101	0.1	0.105	8130	2.49	26.6	70.3	52.6	55.2	-185.7	1.94E+13	97.11	1.3098743	-20.48192771
7/16/2008	5.96	18.4	0.1	0.064	387		0.3	-63.0	3.2	2.1	-368.8	5.65E+10	39.28		
7/23/2008	5.85	21.5	0.169	0.246	249	0.44	0.3	-39.5	5.3	7.7	-22.0	3.57E+10	5.62	0.013857	-581.8181818

Houk Ditch

Sample Date	Calculated Flow *(cfs)*	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
4/23/2008	5.12	7.5	0.1	0.071	75	0.04	0.1	-300.0	2.8	2.0	-322.5	9.39E+09	-213.33	0.0011017	-7400
4/30/2008	4.09														
5/7/2008	3.21	9.9	0.1	0.241	147		0.1	-203.0	1.7	4.2	-24.5	1.15E+10	-59.86		
5/14/2008	24.25	168	0.25	0.897	6896	6.4	11.0	82.1	32.6	117.0	66.6	4.09E+12	96.59	0.8350611	53.125
5/21/2008	5.79	9.9	0.1	0.155	261		0.2	-203.0	3.1	4.8	-93.5	3.70E+10	9.96		
5/28/2008	2.90	11.4	0.1	0.185	105	0.37	0.1	-163.2	1.6	2.9	-62.2	7.44E+09	-123.81	0.0057644	-710.8108108
6/4/2008	22.03	88	0.126	0.34	2860		5.2	65.9	14.9	40.3	11.8	1.54E+12	91.78		
6/11/2008	37.34	56.5	0.133	0.239	2306	3.69	5.7	46.9	26.7	48.0	-25.5	2.11E+12	89.81	0.7411891	18.69918699
6/18/2008	5.90	18.9	0.1	0.145	770		0.3	-58.7	3.2	4.6	-106.9	1.11E+11	69.48		
6/25/2008	13.55	30	0.1	0.162	2420	1.58	1.1	0.0	7.3	11.8	-85.2	8.02E+11	90.29	0.1151659	-89.87341772
7/2/2008	4.60	16	0.1	0.113	866		0.2	-87.5	2.5	2.8	-165.5	9.75E+10	72.86		
7/9/2008	46.64	12.3	0.1	0.105	6500	0.66	1.5	-143.9	25.1	26.3	-185.7	7.42E+12	96.38	0.1656212	-354.5454545
7/16/2008	2.84	12	0.1	0.025	980		0.1	-150.0	1.5	0.4	-1100.0	6.82E+10	76.02		
7/23/2008	2.79	7.5	0.1	0.196	411	0.35	0.1	-300.0	1.5	2.9	-53.1	2.81E+10	42.82	0.0052581	-757.1428571

Snyder Ditch

Sample Date	Calculated Flow *(cfs)*	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
4/23/2008	2.89	4.8	0.1	0.222	411	0.08	0.0	-525.0	1.6	3.4	-35.1	2.90E+10	42.82	0.00124264	-3650
4/30/2008	2.30														
5/7/2008	1.81	7.8	0.1	0.118	214		0.0	-284.6	1.0	1.1	-154.2	9.47E+09	-9.81		
5/14/2008	13.68	37	0.443	0.505	2934	5.38	1.4	18.9	32.6	37.2	40.6	9.82E+11	91.99	0.39589226	44.23791822
5/21/2008	3.27	3.6	0.1	0.089	249		0.0	-733.3	1.8	1.6	-237.1	1.99E+10	5.62		
5/28/2008	1.63	45.9	0.1	0.131	276	0.78	0.2	34.6	0.9	1.2	-129.0	1.10E+10	14.86	0.00685338	-284.615385
6/4/2008	12.42	17.1	0.143	0.166	1986		0.6	-75.4	9.6	11.1	-80.7	6.04E+11	88.17		
6/11/2008	21.06	14.1	0.1	0.219	900	4.29	0.8	-112.8	11.3	24.8	-37.0	4.64E+11	73.89	0.48597774	30.06993007
6/18/2008	3.32	10.2	0.1	0.114	1203		0.1	-194.1	1.8	2.0	-163.2	9.79E+10	80.47		
6/25/2008	7.64	2.6	17.4	0.1	0.169	1.66	0.1	-1053.8	715.3	4.1	-200.0	3.16E+07	-138953.25	0.06823878	-80.7228916
7/2/2008	2.60	12.8	0.1	0.107	727		0.1	-134.4	1.4	1.5	-180.4	4.62E+10	67.68		
7/9/2008	26.31	50	0.1	0.142	7980	0.85	3.5	40.0	14.2	20.1	-111.3	5.14E+12	97.06	0.12029494	-252.941176
7/16/2008	1.60	7.8	0.1	0.012	517		0.0	-284.6	0.9	0.1	-2400.0	2.03E+10	54.55		
7/23/2008	1.57	7.8	0.1	0.283	579	0.68	0.0	-284.6	0.8	2.4	-6.0	2.23E+10	59.41	0.00576135	-341.176471

Harber Ditch

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
4/23/2008	7.08	24	0.1	0.11	727	0.09	0.5	-25.0	3.8	4.2	-172.7	1.26E+11	67.68	0.00342659	-3233.33333
4/30/2008	5.65														
5/7/2008	4.43	7.8	0.1	0.183	866		0.1	-284.6	2.4	4.4	-63.9	9.39E+10	72.86		
5/14/2008	33.53	40	0.214	0.56	1760	5.94	3.6	25.0	38.6	101.0	46.4	1.44E+12	86.65	1.07138032	49.49494949
5/21/2008	8.01	11.1	0.1	0.079	1203		0.2	-170.3	4.3	3.4	-279.7	2.36E+11	80.47		
5/28/2008	4.00	23.1	0.1	0.089	387	0.29	0.2	-29.9	2.2	1.9	-237.1	3.79E+10	39.28	0.00624555	-934.482759
6/4/2008	30.45	24	0.156	0.146	1733		2.0	-25.0	25.6	23.9	-105.5	1.29E+12	86.44		
6/11/2008	51.61	36.4	0.158	0.232	728	3.21	5.1	17.6	43.9	64.4	-29.3	9.19E+11	67.72	0.89130554	6.542056075
6/18/2008	8.15	24.4	0.1	0.126	980		0.5	-23.0	4.4	5.5	-138.1	1.95E+11	76.02		
6/25/2008	18.73	21.2	0.1	0.143	2420	4.36	1.1	-41.5	10.1	14.4	-109.8	1.11E+12	90.29	0.43931108	31.19266055
7/2/2008	6.36	9.9	0.1	0.075	276		0.2	-203.0	3.4	2.6	-300.0	4.30E+10	14.86		
7/9/2008	64.48	95	0.209	0.142	7890	0.77	16.5	68.4	72.5	49.3	-111.3	1.24E+13	97.02	0.26710477	-289.61039
7/16/2008	3.93	6.6	0.1	0.064	159		0.1	-354.5	2.1	1.4	-368.8	1.53E+10	-47.80		
7/23/2008	3.86	8.7	0.1	0.301	24	0.74	0.1	-244.8	2.1	6.3	0.3	2.27E+09	-879.17	0.01536773	-305.405405

Junk Ditch

Sample Date	Calculated Flow *(cfs)*	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
4/23/2008	2.66	56	0.132	0.169	387	0.01	0.4	46.4	1.9	2.4	-77.5	2.52E+10	39.28	0.000143	-29900
4/30/2008	2.12														
5/7/2008	1.66	40	0.185	0.833	548		0.2	25.0	1.7	7.5	64.0	2.23E+10	57.12		
5/14/2008	12.59	47	0.223	0.496	2172	0.25	1.6	36.2	15.1	33.6	39.5	6.69E+11	89.18	0.016933	-1100
5/21/2008	3.01	37.6	0.35	0.17	308		0.3	20.2	5.7	2.7	-76.5	2.27E+10	23.70		
5/28/2008	1.50	42.6	0.409	0.269	2420	0.11	0.2	29.6	3.3	2.2	-11.5	8.90E+10	90.29	0.00089	-2627.272727
6/4/2008	11.44	35.5	0.248	0.359	980		1.1	15.5	15.3	22.1	16.4	2.74E+11	76.02		
6/11/2008	19.38	41	0.27	0.372	524	0.25	2.1	26.8	28.2	38.8	19.4	2.48E+11	55.15	0.026068	-1100
6/18/2008	3.06	24.5	0.169	0.306	313		0.2	-22.4	2.8	5.0	2.0	2.34E+10	24.92		
6/25/2008	7.03	44.5	0.111	0.188	2420	0.3	0.8	32.6	4.2	7.1	-59.6	4.16E+11	90.29	0.011352	-900
7/2/2008	2.39	11.6	0.1	0.214	461		0.1	-158.6	1.3	2.8	-40.2	2.69E+10	49.02		
7/9/2008	24.21	34.5	0.1	0.313	4350	0.16	2.2	13.0	13.0	40.8	4.2	2.58E+12	94.60	0.020843	-1775
7/16/2008	1.48	12	0.1	0.173	201		0.0	-150.0	0.8	1.4	-73.4	7.26E+09	-16.92		
7/23/2008	1.45	6.6	0.1	0.369	194	0.06	0.0	-354.5	0.8	2.9	18.7	6.88E+09	-21.13	0.000468	-4900

Spy Run Creek

Sample Date	Calculated Flow (cfs)	TSS (mg/L)	NH3-N (mg/L)	Phosphorus, Total (mg/L)	E. Coli (CFU/100mL)	Atrazine (ug/L)	TSS Load (tons/day)	TSS: % Reduction	NH3-N Load (lbs/day)	Total Phosphorus Load (lbs/day)	Phos: % Reduction	E. Coli Load (cfu/day)	E. coli: % Reduction	Atrazine Load (lbs/day)	Atrazine: % Reduction
4/23/2008	5.66	10.5	0.1	0.078	76	0.03	0.2	-185.7	3.0	2.4	-284.6	1.05E+10	-209.21	0.000913757	-9900.00
4/30/2008	4.52														
5/7/2008	3.55	15.5	0.1	0.147	210		0.1	-93.5	1.9	2.8	-104.1	1.82E+10	-11.90		
5/14/2008	26.82	45	0.158	0.72	2224	0.24	3.2	33.3	22.8	103.9	58.3	1.46E+12	89.43	0.034630475	-1150.00
5/21/2008	6.40	9.9	0.277	0.089	579		0.2	-203.0	9.5	3.1	-237.1	9.07E+10	59.41		
5/28/2008	3.20	9.9	0.215	0.053	186	0.09	0.1	-203.0	3.7	0.9	-466.0	1.46E+10	-26.34	0.001550618	-3233.33
6/4/2008	24.36	42.5	0.134	0.204	980		2.8	29.4	17.6	26.7	-47.1	5.84E+11	76.02		
6/11/2008	41.29	37	0.1	0.206	1920	0.73	4.1	18.9	22.2	45.8	-45.6	1.94E+12	87.76	0.162156522	-310.96
6/18/2008	6.52	25.5	0.1	0.089	727		0.4	-17.6	3.5	3.1	-237.1	1.16E+11	67.68		
6/25/2008	14.98	37.5	0.1	0.2	2420	0.57	1.5	20.0	8.1	16.1	-50.0	8.87E+11	90.29	0.045946296	-426.32
7/2/2008	5.09	44.5	0.1	0.163	727		0.6	32.6	2.7	4.5	-84.0	9.05E+10	67.68		
7/9/2008	51.58	49	0.1	0.19	6310	0.56	6.8	38.8	27.8	52.7	-57.9	7.96E+12	96.28	0.15540641	-435.71
7/16/2008	3.15	62	0.1	0.134	687		0.5	51.6	1.7	2.3	-123.9	5.29E+10	65.79		
7/23/2008	3.09	10.5	0.1	0.098	687	0.34	0.1	-185.7	1.7	1.6	-206.1	5.19E+10	65.79	0.005648681	-782.35

Habegger Ditch																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		34	0	31	31	31	31	31	35	37	37	36	29	27	27	10	27
9/12/2007	9:00	1	1	14'9"	14.96	7.9	6.69	668	16.1	1.92	17.5	0.368	0.45	2420	2.49	0.58	0.01	3.38
9/19/2007	9:20	1	1	14'9"	18.19	7.47	4	732	11.2	4.82	9	0.1	0.265	411	0.78	0.56	0	3.1
9/26/2007	8:45	3	1	14' 7"	21.17	7.56	3.87	379	34.1	6.8	23.2	0.75	0.671	24196	0.125	0.307	0.368	0.301
10/3/2007	9:25	3	1	14' 9"	17.78	7.72	3.05	763	18.7	7.88	10	3.05	0.444	520	0.247	0.306	0.401	0.349
10/10/2007	9:25	2	3	14' 10"	13.75	7.76	2.34	763	41.2	6.45	26	0.886	0.475	7800	0.193	0.281	0.405	0.314
10/17/2007	9:40	2	1	14' 8"	15.23	7.41	3.19	487	42.7	9.86	29	0.908	0.635	2420	0.188	0.296	0.327	0.347
10/24/2007	9:20	3	2	14' 4"	12.68	7.65	6.78	485	49.2	4.04	20	0.279	0.867	19350	0.329	0.275	0.366	0.361
10/31/2007	9:50	1	2	14' 9"	7.21	7.76	6.77	686	46.1	2.5	39	2.53	0.03	1300	0.34	0.295	0.334	0.334
11/7/2007	10:00	2	1	14' 9"	4.21	8.09	7.21	768	40	7.55	41	0.517	0.263	517	0.277	0.259	0.323	0.287
11/14/2007	10:00	2	4	14' 5"	12.09	7.67	7.68	513	54.7	5.58	32	0.203	0.532	5600	0.21	0.23	0	1.04
11/21/2007	9:30	3	1	14' 9"	12.2	7.39	3.28	761	44.1	5.92	38	0.342	0.421	200				
11/28/2007	9:45	1	2	14' 2"	4.12	7.27	11.23	359	66.3	3.02	27	0.187	0.302	2599				
12/12/2007	9:40	2	2	8' 9"	2.69	7.23	11.89	128	213.5	3.9	127	0.1	0.835					
12/26/2007	10:00	1	1	14' 4"	0.81	8.02	13.15	385	54	2.98	38	0.172	0.125					
1/16/2008	9:45	1	3	14' 6"	0.19	7.4	12.41	410	39	1.35	24.5	0.234	0.18					
1/30/2008	11:40			14' 9"							41	2.85	0.902					
2/6/2008	10:30			8' 6"						6.21	404	0.385	0.745					
2/20/2008	10:40	2	2	14' 4"	0.04	7.59	12.18	606	63.9	2.24	30	0.187	0.271					
3/5/2008	10:00			14' 2"	1.2	7.98	11.95	510	111.8	3.34	75	0.242	0.384					
3/19/2008	9:45	3	2	8' 1"	5.16	7.76	10.79	211	700.9	5.6	696	0.275	1.438					
4/2/2008	10:00	1	1	13' 9"	8.13	8.11	11.06	446	256	2.82	120	0.188	0.475	4028	0.07	0.08		0.06
4/9/2008	10:00	3	3	14' 4"	10.96	7.37	10.28	661	29.2	2.17	25	0.101	0.178	457	0.06	0.08		0.82
4/16/2008	9:00	1	2	14' 5"	7.36	7.73	10.62	716	37.6	1.82	23	0.1	0.153	219	0.03	0.04		0.41
4/23/2008	10:00	1	1	14'7"	15.54	7.71	11.47	827	52.2	3.23	37	0.554	0.274	261	0.47	0.06		0.64
4/30/2008	9:20	1	1	14' 9"	7.95	7.54	9.81	1069	39	5.4	26	15	1.428	1203	3.97	0.41		1.67
5/7/2008	9:10	1	1	14'7"	15.49	7.38	5.06	825	37.5	3.74	21.5	0.494	0.224	816	0.5	0.05		0.27
5/14/2008	9:05	3	2	13'6"	13.03	7.23	8.01	461	163.8	8.04	122	1.09	0.268	48392	2.21	0.7		1.2
5/21/2008	8:55	2	2	14'6"	10.85	7.76	8.88	760	39.1	3.01	17	0.216	0.109	1733	0.23	0.09		0.53
5/28/2008	9:05	1	3	14'11"	11.69	7.79	8.01	903	69.4	6.31	60	0.26	0.275	2420	0.38	0.11		0.51
6/4/2008	9:00	3	2	13'1"	18.27	7.38	5.72	516	206		116	2.39	0.622	48392	5.97	0.71		2.07
6/11/2008	9:30	1	2	14'2"						4.58	47	0.259	0.432	5206	1.77	0.31		1.78
6/18/2008	9:00	1	2	14'5"	18.09	7.87	6.39	756	49	2.29	27	0.172	0.244	1733	1.58	0.26		0.9
6/25/2008	9:30	2	2	14'8"	20.4	7.69	4.88	965	27.7	5.34	13.8	5.67	0.314	1553	6.27	0.45		1.75
7/2/2008	9:40	1	3	14'7"	19.85	7.79	5.6	825	42.9	4.39	22.4	0.582		2420	5.38	0.36		7.74
7/9/2008	9:25	1	2	10'7"						7.53	219	0.12	0.438	36540	3.52	0.36		2.82
7/16/2008	8:30	1	1	14'8"						4.79	71.2	0.232	0.238	2420	1.04	0.39		1.81
7/23/2008	9:10	1	2	14'9"						5.73	22.5	6.93	0.4	2420	8.17	0.42		4.28

Gates Ditch																			
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		33	0	30	30	30	30	30	29	36	35	36	29	20	19	10	20
9/12/2007	9:30	1	1	18'1"	15.82	7.4	5.38	894	19.1	1.39	18	0.304	0.234	2420	0.93	0.44	0.02	1.53
9/19/2007	9:30	1	1	16' 5"	18.5	7.68	5.26	862	13.4	4.82	9	0.1	0.113	1986	0.334	0.352	0.419	0.463
9/26/2007	9:00	3	1	16' 2"	21.36	7.54	2.45	498	26.1	5.3	15.6	1.03	0.781	24196	0.097	0.375	0.415	0.412
10/3/2007	9:40	3	1	16' 7"	17.99	8.25	5.93	863	48.2	3.78	44	0.14	0.585	1220	0.268	0.284	0.377	0.407
10/10/2007	9:40	2	3	16' 5"	14.69	7.78	1.02	740	48.1	6.28	34	0.1	0.401	2590	0.147	0.345	0.394	0.325
10/17/2007	9:50	2	1	16' 4"	15.65	7.45	2.43	694	29.7	5.2	30	2.05	0.687	2420	0.124	0.255	0.269	0.29
10/24/2007	9:35	3	2	15' 9"	12.95	7.36	4.36	658	44.7	5.96	19	1.12	1.105	104620	0.327	0.31	0.355	0.329
10/31/2007	10:05	1	2	16' 4"	7.31	7.63	6.93	746	36.7	4.26	35	0.398	0.206	435	0.46	0.35	0.374	0.381
11/7/2007	10:15	2	1	16' 5"	4.58	7.92	9.82	809	61.4	5.6	81	0.135	0.276	921	0.321	0.231	0.255	0.283
11/14/2007	10:15	2	4	15' 9"	12.17	7.44	6.49	664	50.7	5.03	28	0.229	0.512	7890	0.16	0.22	0	0.84
11/21/2007	9:50	3	1	16' 4"	12.22	7.3	6.21	829	51.7	1.63	29	0.461	0.259	980				
11/28/2007	10:00	1	3	15' 4"	5.58	6.98	8.3	524	64.8	1.99	32	0.158	0.271	3466				
12/12/2007	9:50	2	2	7' 5"	2.52	7.2	12.05	128	220.4	3.68	129	0.1	0.435					
12/26/2007	10:30	1	1	15' 7"	2.16	7.52	9.55	456	63.6	1.65	32	0.152	0.223					
1/16/2008	10:10	1	3	15' 10"	0.06	7.16	10.5	417	37.9	1.38	22	0.243	0.385					
1/30/2008	11:50			16' 0"							63	2.55	0.42					
2/6/2008	10:45			5' 0"						6.22	468	0.34	1.062					
2/20/2008	10:55	2	3	15' 8"	0.67	7.2	9.72	633	68	2.24	31	0.206	0.258					
3/5/2008	10:15			14' 1"	1.14	7.11	10.28	424	184.8	4.43	128	0.406	0.525					
3/19/2008	10:00	3	2	7' 6"	5.33	7.57	10.82	216	815.4	5.28	748	0.25	1.432					
4/2/2008	10:15	1	1	14' 0"	5.16	7.87	9.86	426	423	3.61	180	0.295	0.72	3232	0.02	0.07		0
4/9/2008	10:30	3	3	15' 11"	11.15	7.26	8.29	629	48.2	1	2		0.205	649	0.06	0.07		0.37
4/16/2008	9:10	1	2	16'0"	7.07	7.34	8.47	705	45.2	2.11	25	0.182	0.146	1733	0.02	0.05		0.17
4/23/2008	9:40													649				
4/30/2008	9:35	1	1	16' 5"	8.22	7.58	9.4	867	34.4	4.58	23.5	0.354	0.549	866.29	0.11			0.2
5/7/2008	9:30	3	3	16'2"	15.89	7.27	5.2	839	53.3	4.3	43	0.393	0.13	2420	0.46	0.19		0.19
5/14/2008	9:30	3	2	15'3"	13.36	6.96	6.53	635	168.7	11.73	163	2.58	1.51	48392				
5/21/2008	9:10	1	2	16'0"	10.81	7.43	7.85	803	66	2.7	38	0.318	0.16	1120	0.35	0.19		0.29
5/28/2008	9:25	1	3	16'5"	12.56	7.55	7.17	932	87.2		68	0.318	0.221	1046				
6/4/2008	9:20	3	2	14'10"	17.45	7.28	5.76	623	841		410	3.59	1.089	48392	9.16	1.47		0.94
6/11/2008	9:50	1	2	15'3"							116	0.451	0.546	10344				
6/18/2008	9:30	1	2	15'11"	17.84	7.09	5.72	684	192	2.98	1004	0.362	0.499	2420	10.04	1.3		1.32
6/25/2008	9:50	1	2	16'4"	21.01	7.45	5.04	873	69.1		29.5	0.275	0.245	1986				
7/2/2008	10:00	1	3	16'3"	19.84	7.35	4.78	836	102	5.01	50	0.644	0.321	2420	3.72	0.65		1.2
7/9/2008	9:45	1	2	8'9"							296	0.136	0.633	36540				
7/16/2008	8:50	1	1	16'5"						3.98	27	0.166	0.122	2420	0.52	0.37		1.06
7/23/2008	9:30	1	2	16'6"							15.5	0.159	0.307	2420				

Little Blue Creek																			
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		33	0	30	30	30	30	30	30	36	36	36	29	20	20	10	20
9/12/2007	9:40	1	1	14'1"	15.85	7.82	6.26	612	27.8	1.53	43	0.1	0.136	1300	0.48	0.06	0.01	0.93
9/19/2007	9:50	1	1	17' 6"	18.43	7.69	6.38	676	49.5	2.99	52	0.22	0.107	548	0.352	0.399	0.463	0.446
9/26/2007	9:20	3	1	17' 6"	21.76	7.67	4.84	909	29	6	84.4	0.258	0.58	8664	0.341	0.379	0.407	0.422
10/3/2007	9:55	3	2	17' 7"	18.12	7.93	7.61	1067	28.5	3.94	27	0.1	0.151	960	0.383	0.345	0.405	0.428
10/10/2007	10:00	2	3	17' 8"	14.16	7.76	4.76	1464	27.1	2.59	11.5	0.1	0.03	100	0.341	0.341	0.411	0.395
10/17/2007	10:10	2	1	17' 7"	15.75	7.84	8.07	1776	8.8	1.84	10	0.1	0.131	102	0.377	0.35	0.347	0.412
10/24/2007	9:50	3	3	16' 10"	12.54	7.61	6.94	503	28.9	3.13	9.5	0.133	0.595	8130	0.293	0.306	0.359	0.305
10/31/2007	10:15	1	2	17' 2"	8.3	7.95	8.46	514	34.7	1.79	38	0.1	0.03	488	0.403	0.367	0.405	0.348
11/7/2007	10:30	2	1	17' 3"	4.74	8.31	13.03	479	50.4	1.66	23.5	0.1	0.107	980	0.403	0.336	0.309	0.399
11/14/2007	15:02	2	4	16' 9"	12.03	7.69	8.85	515	35.6	2.83	11	0.378	0.176	7760	0.2	0.14	0.03	0.63
11/21/2007	10:00	3	1	17' 4"	12.15	7.82	7.68	592	90.8	1.23	75	0.1	0.153	6020				
11/28/2007	10:10	1	3	16' 5"	5.05	7.51	11.2	371	54	3.02	18	0.306	0.339	1733				
12/12/2007	10:10	2	2	9' 4"	2.8	7.23	12.12	116	303.2	3.82	214	0.319	0.859					
12/26/2007	10:45	1	1	16' 8"	1.64	7.93	13.54	355	42.2	1.55	18	0.1	0.139					
1/16/2008	10:15	1	2	18' 11"	0.18	7.52	13.24	331	28	1.35	17	0.1	0.03					
1/30/2008	12:00			17' 3"						2.83	40	0.22	0.186					
2/6/2008	10:50			7' 0"						5.12	604	0.32	0.824					
2/20/2008	11:10	2	3	16' 6"	0.04	7.6	12.73	535	55.5	2.24	25	0.1	0.188					
3/5/2008	10:25			15' 5"	0.99	7.3	12.13	329	183	2.36	136	0.144	0.371					
3/19/2008	10:15	3	2	9' 7"	5.44	7.61	10.89	192	840.6	5.08	920	0.438	1.432					
4/2/2008	10:30	1	1	15' 11"	4.68	7.77	11.51	310	301	2.28	104	0.1	0.388	312	0.11	0.07		0
4/9/2008	10:40	3	3	16' 10"	11.38	7.77	10.62	570	35.4	1.34	26	0.1	0.107	248	0.01	0.03		0.03
4/16/2008	9:20	1	2	16'8"	7.63	7.66	10.86	618	35.1	1.17	15	0.1	0.015	238	0.03	0.03		0.06
4/23/2008	9:45													194				
4/30/2008	9:45	1	1	17' 2"	8.23	7.79	9.79	67.3	27.4	1.55	15	0.1	0.442	249	0.1	0.08		0.09
5/7/2008	9:40	3	3	17'3"	15.87	7.62	6.82	616	62.4	3.07	43	0.112	0.165	1553	0.6	0.08		0.74
5/14/2008	9:40	3	2	16'8"	13.52	7.37	9.09	554	59.2		45	0.327	0.25	1866				
5/21/2008	9:20	2	2	16'11"	11.31	7.78	9.93	674	38.3	1.52	20	0.1	0.079	980	2.95	0.07		0.23
5/28/2008	9:40	1	3	17'2"	12.24	7.78	8.08	711	54.7		37	0.132	0.065	2420				
6/4/2008	9:30	3	3	15'0"	17.42	7.38	6.75	459	478	5.34	230	0.347	0.489	16328	16.4	1.43		2.58
6/11/2008	10:00	1	2	16'1"							59	0.183	0.359	6896				
6/18/2008	9:40	1	2	16'11"	18.54	7.94	6.98	649	67.8	1.63	31.6	0.1	0.151	1553	3.44	0.61		0.56
6/25/2008	10:00	1	2	17'3"	20.71	7.75	4.84	650	66.8		39.5	0.1	0.156	1300				
7/2/2008	10:10	1	3	17'2"	19.71	7.89	5.95	643	82.8	2.05	46	0.113	0.17	1733	2.84	0.32		1.14
7/9/2008	9:50	1	2	14'3"							126	0.224	0.431	30760				
7/16/2008	9:00	1	1	17'3"						3.61	26.8	0.152	0.115	2420	0.53	0.27		0.62
7/23/2008	9:40	1	2	17'4"							21	0.106	0.135	1300				

Blue Creek																			
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		34	0	30	30	30	30	30	36	37	36	36	29	27	27	10	27
9/12/2007	9:50	1	1	21'9"	17.78	7.97	8.47	725	21.9	1.4	23	0.1	0.062	2420	4.24	1.27	0.02	5.06
9/19/2007	10:00	1	1	22' 3"	19.55	7.95	9.44	1281	16	0.66	9	0.1	0.043	488	0.466	0.414	0.537	0.469
9/26/2007	9:45	2	1	22' 1"	20.19	7.81	8.2	1435	20.5	0.71	13.8	0.1	0.038	1250	0.448	0.487	0.417	0.518
10/3/2007	10:10	3	1	22' 5"	17.66	7.89	7.93	1379	13.3	1.98	3.3	0.1	0.038	200	0.529	0.45	0.431	0.512
10/10/2007	10:15	1	3	22' 5"	13.41	8.09	8.88	1282	13.5	1.22	3	0.1	0.131	860	0.447	0.434	0.444	0.481
10/17/2007	10:20	2	1	21' 7"	16.33	7.79	7.95	1137	10.7	1.54	13.5	0.699	0.03	225	0.365	0.05	0.374	0.452
10/24/2007	10:05	3	3	20' 5"	12.97	7.67	6.15	601	42.4	5.34	15	0.1	0.03	23560	0.298	0.294	0.382	0.267
10/31/2007	10:30	1	2	22' 2"	8.47	8.02	9.59	636	2	1.3	4.4	0.1	0.1	488	0.42	0.356	0.362	0.342
11/7/2007	10:40	2	1	22' 3"	6.67	8.13	14.31	896	0.9	1.2	5.6	0.132	0.176	96	0.406	0.366	0.295	0.412
11/14/2007	10:45	3	4	NA	11.51	7.71	7.73	541	51.3	6.02	24	0.1	0.153	10760	0.3	0.17	0.02	1.36
11/21/2007	10:15	3	1	22'	11.55	7.99	8.84	653	11.9	1.05	6	0.199	0.456	850				
11/28/2007	10:30	2	2	18' 9"	4.93	7.56	10.96	387	95.6	1.85	25.5	0.185	1.077	2827				
12/12/2007	10:10	2	2	10' 9"	2.97	7.35	11.99	134	323.1	3.64	300							
12/26/2007	10:55	1	1	20' 4"	1.41	7.9	13.31	396	65.1	1.55	28	0.15	0.198					
1/16/2008	10:30	1	3	21'						1.35	13	0.1	0.03					
1/30/2008	12:10			20' 7"							26	0.907	0.101					
2/6/2008	11:00			9' 6"						8.04	652	0.524	1.226					
2/20/2008	11:25	2	2	19' 5"	0	7.67	12.5	552	100.1	2.24	37	0.163	0.348					
3/5/2008	10:35			15' 10"	0.35	7.2	12.09	354	215.1	4.39	178	0.351	0.179					
3/19/2008	10:30	3	2	11' 7"	5.72	7.51	10.63	271	744	5.58	680	0.354	1.108					
4/2/2008	10:50	1	1	16' 6"	4.82	7.8	11.64	326	840	3.63	345	0.164	0.99	4128	0.06	0.09		0
4/9/2008	10:55	2	3	21'0"	12.56	7.87	9.44	619	37.8	1.29	28	0.1	0.159	172	0.04	0.03		0.23
4/16/2008	9:40	1	2	21' 0"	9.04	7.77	10.33	667	40.3	1.51	17.5	0.1	0.146	219	0.489	0.01		0.08
4/23/2008	11:00	1	1	21'5"	17.32	8.38	10.69	678	29.7	2.94	19	0.1	0.012	308	0.1	0.04		0.26
4/30/2008	10:00	1	1	21' 8"	9.51	8.14	11.45	755	18.2	2.32	9	0.1	0.404	291	0.18	0.06		0.31
5/7/2008	10:00	3	3	21'7"	17.2	7.81	7.4	728	30.8	2.75	14	0.1	0.112	517	0.4	0.15		0.27
5/14/2008	10:00	3	2	19'6"	15.18	7.5	8.49	589	74.1	2.22	53	0.223	0.305	1354	1.11	0.23		0.38
5/21/2008	9:40	2	2	21'6"	12.47	7.87	9.27	712	38.2	2.05	15	0.1	0.109	816	0.33	0.46		0.31
5/28/2008	9:50	1	3	21'9"	14.39	7.94	8.84	767	29.6	2.17	12.9	0.1	0.161	308	0.41	0.2		0.19
6/4/2008	9:50	3	3	20'3"	18.61	7.67	6.49	484	326	5.54	150	0.268	0.443	9768	14.42	2.04		3.37
6/11/2008	10:10	1	2	19'1"						6.23	137	0.595	0.599	8212	8.04	0.81		4.01
6/18/2008	9:50	1	2	21'1"	19.31	7.89	6.66	640	112	2.39	55	0.1	0.362	770	7.06	0.84		1.94
6/25/2008	10:10	2	2	21'9"	20.62	8.04	6.61	735	46.8	2.59	21.5	0.1	0.308	461	8.8	0.5		1.37
7/2/2008	10:20	1	3	21'9"	20.51	8	5.96	643	82.8	3.42	31	0.6	0.264	921	4.9	0.56		7.35
7/9/2008	10:00	1	2	13'10"						5.45	792	0.107	1.104	30760	2.66	0.39		3.17
7/16/2008	9:10	1	1	21'8"						2.54	20.7	0.1	0.154	687	0.47	0.23		1.2
7/23/2008	9:50	1	2	21'10"						2.78	30	0.1	0.369	1986	1.12	0.25		2.56

St. Marys River - Willshire, Ohio																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		34	0	30	30	30	30	30	37	37	37	37	29	27	27	10	27
9/12/2007	10:05	1	1	17'4"	19.59	7.8	6.3	325	60.7	2.42	40	0.1	0.299	186	0.58	0.21	0.01	2.05
9/19/2007	10:20	1	1	22' 2"	19.84	7.88	7.84	605	23.9	1.73	20.5	0.1	0.1	118	0.463	0.382	0.471	0.422
9/26/2007	10:00	2	2	22' 5"	21.85	8.03	7.15	706	37.5	4.16	33.6	0.1	0.075	160	0.346	0.404	0.418	0.452
10/3/2007	10:30	3	2	22' 4"	18.49	8.08	7.83	739	36	4.56	27	0.1	0.144	300	0.423	0.368	0.424	0.444
10/10/2007	10:25	1	3	22' 7"	17.5	7.8	1.67	1049	15	7.2	44	0.1	0.066	310	0.349	0.36	0.452	0.445
10/17/2007	10:40	2	1	22' 4"	16.32	8.08	8.18	803	39.4	5.17	42	0.1	0.305	261	0.377	0.055	0.368	0.455
10/24/2007	10:20	3	2	21' 10"	12.13	7.88	7.67	536	58.4	4.33	48	0.132	0.484	1210	0.267	0.331	0.381	0.361
10/31/2007	10:45	1	2	22' 2"	10.36	9.09	9.69	292	25.7	3.46	24.5	0.1	0.031	96	0.42	0.391	0.357	0.399
11/7/2007	10:55	2	1	22' 4"	5.89	8.19	10.35	292	8.4	2.72	11	0.1	0.542	33	0.381	0.359	0.329	0.394
11/14/2007	10:55	3	4	21' 3"	11.75	7.93	8.54	528	52.8	4.13	41	0.1	0.035	850	0.3	0.28	0	0.66
11/21/2007	10:30	3	1	22'	11.36	7.97	8.94	518	26.6	1.85	21	0.1	0.03	200				
11/28/2007	10:40	2	2	13' 5"	4.1	7.68	10.27	301	79.6	2.79	28.2	0.1	0.148	313				
12/12/2007	10:20	2	2	12' 8"	3.49	7.43	12.09	176	193.4	3.06	101	0.105	1.241					
12/26/2007	11:05	1	1	16' 3"	1.22	7.99	13.18	236	148	2.29	38.5	0.1	0.117					
1/16/2008	11:00	1	3	19'4"						1.35	41.5	0.1	0.178					
1/30/2008	12:20			21' 2"						1.43	10	0.184	0.03					
2/6/2008	11:10			9' 7"						5.06	352	0.259	0.702					
2/20/2008	11:40	2	2	18' 9"	1.1	7.82	12.3	398	196.5	2.28	71	0.14	0.392					
3/5/2008	10:50			11' 2"	0.1	7.33	12.25	285	163.4	3.96	79	0.162	0.298					
3/19/2008	10:45	3	2	13' 7"	5.84	7.53	11.22	335	284.5	3.2	208	0.1	0.538					
4/2/2008	11:00	1	1	14' 9"	6.3	7.82	10.3	374	338	2.31	98	0.1	0.432	240	0.14	0.1		0
4/9/2008	11:10	3	3	19'5"	12.72	7.93	9.42	490	110.8	2.64	92.8	0.1	0.29	56	0.06	0		0.14
4/16/2008	9:50	1	2	19' 9"	9.97	7.83	10.01	547	106.8	3.21	36	0.01	0.192	116	0.09	0		0.28
4/23/2008	11:10	1	1	20'4"	17.75	8.2	8.14	458	167	5.85	12	0.234	0.261	201	0.13	0.03		0.25
4/30/2008	10:15	1	1	21' 10"	11.42	8.2	10.57	666	39	4.88	31	0.1	0.599	68	0.25	0.09		0.45
5/7/2008	10:10	3	2	21'9"	17.59	8.09	10.2	651	62	6.43	62	0.1	0.118	276	1.58	0.07		0.49
5/14/2008	10:10	3	2	14'4"	14.86	7.69	7.86	355	150	2	59	0.224	0.287	316	8.92	0.73		3.44
5/21/2008	9:50	3	2	21'2"	13.12	7.96	9.38	628	49.6	3.19	34.5	0.1	0.094	58	0.96	0.47		1.33
5/28/2008	10:10	1	3	21'10"	14.89	8.09	9.31	760	41.7	5.99	32	0.1	0.173	69	1.48	0.27		0.46
6/4/2008	10:00	3	2	18'9"	19.69	7.52	5.53	422	202	4.93	109	0.241	0.082	1816	14.75	1.97		3.68
6/11/2008	10:20	1	2	18'4"						5.29	67	0.229	0.439	2472	6.82	1.65		2.7
6/18/2008	10:00	1	2	21'7"	19.9	7.8	6.18	625	136	3.81	90	0.1	0.338	260	5.01	0.57		1.74
6/25/2008	10:20	2	2	22'0"	21.97	8.06	7.01	661	110	6.63	82	0.1	0.302	142	10.72	0.91		2.21
7/2/2008	10:30	1	3	18'5"	21.04	7.71	5.35	379	111	2.94	71	0.1	0.346	308	4.71	0.87		2.42
7/9/2008	10:10	1	2	19'5"						7.64	324	0.175	0.373	9080	1.93	0.66		2.48
7/16/2008	9:20	1	1	21'8"						4.07	69	0.1	0.192	308	0.4	0.31		1.43
7/23/2008	10:00	1	1	22'3"						6.28	58.4	0.1	0.307	114	0.84	0.08		1.82

Martz Creek																
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor
Date	Number of samples >>		33	0	29	29	29	29	29	30	36	36	36	29	20	20
9/12/2007	10:20	1	1	14'3"	16.17	8.07	8.98	652	32.1	1.39	29.5	0.1	0.626	980	0.5	0.15
9/19/2007	10:35	1	1	14' 5"	19.05	8	8.02	723	40.9	1.44	18.4	0.1	0.138	2420	0.351	0.47
9/26/2007	10:15	3	1	14' 5"	20.56	7.71	3.16	1032	38.3	6.1	42.4	6.92	1.16	5172	0.244	0.376
10/3/2007	10:45	2	2	14' 5"	18.13	7.78	2.35	1096	44.7	9.84	19	5.36	1.118	48840	0.366	0.344
10/10/2007	10:50	2	3	14' 5"	13.77	7.99	4.33	991	35.1	5.2	27	3.74	0.341	4430	0.296	0.336
10/17/2007	10:55	1	1	14' 5"	15.39	7.65	2.23	919	70	7.04	87	2.25	1.327	1986	0.337	0.047
10/24/2007	10:40	3	3	12' 10"	13	7.83	7.94	470	30.4	2.8	10	0.1	0.03	9090	0.336	0.345
10/31/2007	11:00	1	2	14' 2"	8.69	8.1	9.4	570	14.3	2.5	11.5	0.211	0.03	2420	0.436	0.401
11/7/2007	11:10	2	1	14' 2"	4.84	8.14	10.83	586	11.1	6.3	13.5	0.643	0.126	1203	0.4	0.38
11/14/2007	11:10	2	4	12' 9"	11.99	7.92	9.1	456	32.2	1.75	10	0.1	0.042	2790	0.29	0.15
11/21/2007	10:45	3	1	13' 11"	12.37	8	8.38	582	21.4	1.77	9.6	0.1	0.11	630		
11/28/2007	11:00	2	2	13' 3"	5.73	7.72	11.42	380	43.7	2	18	0.1	0.173	1095		
12/12/2007	10:40	2	2	6' 10"	2.54	7.44	12.09	89	193.8	3.27	96	0.1	0.799			
12/26/2007	11:10	1	1	13' 8"	2.05	7.96	13.75	310	48.2	2.13	28	0.1	0.235			
1/16/2008	11:15	1	2	13' 7"						1.35	26	0.107	0.1			
1/30/2008	12:35			13' 9"						2.34	29	0.147	0.094			
2/6/2008	11:20			5' 6"						5.3	272	0.254	0.72			
2/20/2008	11:55	2	3	13' 5"	0	7.85	12.51	481	66.9	2.24	32	0.173	0.328			
3/5/2008	11:00			12' 8"	1.17	7.37	11.84	352	118.9	3.88	74	0.399	4.076			
3/19/2008	11:00	3	2	7' 3"	4.73	7.5	10.84	169	488.2	4.74	416	0.23	0.862			
4/2/2008	11:15	1	1	12' 5"	5.04	8.01	11	354	322	2.52	122	0.1	0.507	1476	0.05	0.1
4/9/2008	11:20	3	3	13'8"	10.86	7.99	19.97	597	25.7	2.48	20.8	0.178	0.113	2420	0.05	0.03
4/16/2008	10:10	1	2	13' 8"	7.56	7.86	11.38	636	33	2.02	15	0.107	0.101	345	0.03	0.02
4/23/2008	10:00													579		
4/30/2008	10:30	1	1	14' 0"	8.06	8.25	13.74	679	21.4	2.63	10.5	0.1	0.492	488	0.05	0.09
5/7/2008	10:30	3	3	13'10"	16.11	7.98	9.83	618	22.8	6.46	7.5	0.1	0.089	866	0.25	0.04
5/14/2008	10:40	3	2	13'6"	12.95	7.57	9.27	515	80.6		46	0.202	0.569	22398		
5/21/2008	10:10	3	2	13'10"	11.13	7.98	10.09	644	29.5	1.57	13.8	0.1	0.089	613	0.84	0.13
5/28/2008	10:40	1	3	14'0"	12.85	7.63	10.33	658	34.5		14.1	0.1	0.059	1553		
6/4/2008	10:20	3	2	13'10"	18.76	7.89	6.62	677	22	2.01	8.1	0.1	0.069	1120	0.5	0.18
6/11/2008	10:55	1	2	13'4"							26	0.171	0.312	1816		
6/18/2008	10:30	1	2	13'11"	18.7	8.06	7.13	631	33.5	2.2	13.8	0.1	0.151	1733	1.48	0.13
6/25/2008	10:50	2	2	14'1"	20.96	7.96	6.51	670	30.3		12.3	0.12	0.188	2420		
7/2/2008	10:50	1	3	14'0"	21.13	8.04	6.51	654	22.7	1.75	9	0.1	0.22	2420	1.42	0.2
7/9/2008	10:35	1	2	11'10"							98	0.277	0.351	21870		
7/16/2008	9:40	1	1	14'1"						2.07	19.8	0.1	0.18	921	0.06	0.11
7/23/2008	10:30	1	1	14'1"							12.6	0.266	0.27	921		

Yellow Creek																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		33	0	29	29	29	29	29	28	35	35	35	29	20	20	10	20
9/12/2007	10:30	1	1	15'8"	16.03	8.08	8.5	659	29.6	1.39	23.5	0.1	0.319	921	0.39	0.08	0	1.2
9/19/2007	10:45	1	1	15"	18.79	7.93	7.14	818	18.1	1.11	6.9	0.1	0.322	387	0.334	0.416	0.45	0.48
9/26/2007	10:30	3	1	15' 1"	21.09	7.72	3.77	1002	22.7	5.09	12.4	0.79	0.296	9804	0.266	0.419	0.407	0.44
10/3/2007	11:00	2	2	15'	17.68	7.7	3.14	1097	26.3	4.88	9.5	0.596	0.424	11690	0.307	0.366	0.398	0.405
10/10/2007	11:00	1	3	15'	14.73	7.8	1.67	1049	15	4.25	9	0.665	0.03	100	0.225	0.339	0.442	0.396
10/17/2007	11:10	1	1	14' 8"	15.03	7.63	3.08	1120	11.1	3.7	148	0.1	0.577	1414	0.214	0.061	0.351	0.342
10/24/2007	10:50	3	2	13' 5"	13.07	7.72	7.28	472	35.7	3.75	6	0.1	0.702	4800	0.363	0.321	0.357	0.318
10/31/2007	11:10	1	2	14' 8"	8.8	8	7.66	573	7.2	1.36	8.4	0.1	0.03	185	0.481	0.382	0.355	0.368
11/7/2007	11:20	3	1	15'	5.38	8.09	11.24	641	1.2	1.34	9.5	0.1	0.113	157	0.385	0.352	0.398	0.274
11/14/2007	11:20	2	4	13' 6"	11.63	7.82	8.28	456	46	4.46	25	0.1	0.277	2750	0.13	0.27	0	0.91
11/21/2007	10:55	3	1	14' 6"	11.79	7.93	7.16	633	14.3	1.49	5	0.1	0.079	740				
11/28/2007	11:05	2	2	13'	5.01	7.75	11.49	341	69.8	2.33	26.5	0.155	0.247	775				
12/12/2007	10:50	2	2	5' 9"	2.66	7.35	12.01	107	224.8	3.84	140	0.143	0.902					
12/26/2007	11:20	1	1	13' 8"	1.38	7.95	13.78	352	76	1.55	35.5	0.1	0.037					
1/16/2008	11:25	1	2	13' 11"						1.35	34.5	0.166	0.03					
1/30/2008	12:45			13' 2"	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE					
2/6/2008	11:30			4' 4"						5.99	360	0.324	0.678					
2/20/2008	12:10	2	2	13' 6"	0	7.81	12.48	469	98	2.24	34	0.199	0.309					
3/5/2008	11:15			12' 3"	0.65	7.26	12.38	387	126.3		73	0.504	0.429					
3/19/2008	11:10	3	2	6' 4"	5.05	7.45	10.51	232	521.9	4.88	460	0.31	0.888					
4/2/2008	11:30	1	1	12' 1"	5.17	7.8	11.3	349	401	2.93	146	0.1	0.557	1340	0.08	0.07		0
4/9/2008	11:30	3	3	14' 1"	11.77	8	9.97	587	42.6	1.68	26.8	0.1	0.185	194	0.03	0.03		0.06
4/16/2008	10:20	1	2	14' 1"	8.4	7.9	10.72	647	30.6	1.48	10.5	0.1	0.133	96	0.03	0.01		0.32
4/23/2008	10:05													411				
4/30/2008	10:45	1	1	14' 9"	8.53	8.11	10.87	800	21	2.21	11	0.1	0.411	1553	0.08	0.05		0.3
5/7/2008	10:45	3	2	14'7"	16.15	7.86	7.25	708	26.9	2.34	12.3	0.1	0.124	687	0.14	0.05		0.19
5/14/2008	10:50	3	2	13'8"	13.88	7.56	8.48	526	76.5		45	0.278	0.651	15402				
5/21/2008	10:20	3	2	14'3"	11.53	7.92	9.45	662	36	1.7	15.9	0.1	0.089	517	0.21	0.07		0.19
5/28/2008	10:50	1	2	14'8"	13.46	7.81	8.85	782	41		22.4	0.1	0.107	980				
6/4/2008	10:30	3	2	14'3"	18.81	7.84	6.2	679	43.5	2.47	28	0.107	0.166	1733	3.19	0.3		0.98
6/11/2008	11:00	1	2	12'11"							37.5	0.251	0.286	2668				
6/18/2008	10:40	1	2	14'4"	18.25	7.98	6.74	640	52.7	1.63	26.8	0.1	0.275	1553	2.79	0.28		0.91
6/25/2008	11:00	3	2	14'9"	20.12	7.92	5.67	708	54.8		26	0.1	0.2	921				
7/2/2008	11:05	1	3	14'5"	20.19	7.98	6.34	595	60.3	1.68	25.5	0.1	0.182	1414	10.42	0.66		6.14
7/9/2008	10:45	1	2	11'9"							142	0.213	0.272	30760				
7/16/2008	9:50	1	1	14'7"						2.55	27	0.1	0.167	1203	0.52	0.21		1.06
7/23/2008	10:40	1	2	14'8"							17.7	0.1	0.276	1120				

Borum Run																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		33	0	29	29	29	29	29	30	36	36	36	29	20	20	10	20
9/12/2007	10:50	1	1	11"	17.07	8.07	8.08	676	15.2	1.39	8.3	0.1	0.096	345	0.26	0.08	0	0.43
9/19/2007	11:00	1	2	11' 2"	19.62	7.93	9.14	882	12.9	2.11	18	0.1	0.062	10	0.37	0.502	0.46	0.531
9/26/2007	10:45	3	1	11'	21.71	7.64	4.74	364	39.1	4.89	15.6	0.1	0.121	3873	0.435	0.466	0.443	0.495
10/3/2007	11:20	3	1	11' 2"	18.08	7.59	2.34	936	26.4	3.64	11	0.1	0.238	100	0.449	0.418	0.407	0.476
10/10/2007	11:15	1	3	11' 1"	15.05	7.72	1.04	1056	10.1	2.94	5	0.1	0.03	100	0.381	0.396	0.424	0.448
10/17/2007	11:30	1	1	11'	15.69	7.65	1.67	414	5.5	2.83	4.2	0.1	0.085	411	0.42	0.056	0.36	0.481
10/24/2007	11:20	3	2	10' 9"	12.44	7.86	8.2	518	20.5	2.19	2	0.1	0.828	2430	0.367	0.333	0.377	0.371
10/31/2007	11:25	1	2	11'	8.5	7.94	7.45	666	0.2	1.3	3	0.1	0.03	33	0.59	0.468	0.373	0.401
11/7/2007	11:30	2	1	11' 1"	5.43	7.94	9.16	856	0.4	1.66	6	0.1	0.09	1	0.418	0.388	0.32	0.419
11/14/2007	11:40	2	3	10' 10"	11.85	7.93	9.25	529	21.6	1.66	7	0.1	0.432	630	0.1	0.04	0	0.28
11/21/2007	11:10	3	1	10' 11"	11.41	7.88	6.2	679	9.6	1.42	5.5	0.1	0.03	100				
11/28/2007	11:20	2	2	10' 7"	5.16	7.83	11.7	330	70.3	1.9	23.5	0.1	0.03	321				
12/12/2007	11:00	2	2	5' 6"	2.61	7.45	12.47	108	267.1	3.6	208	0.1	0.635					
12/26/2007	11:30	1	1	10' 8"	1.46	8.07	13.99	365	54.4	1.55	23.5	0.1	0.103					
1/16/2008	11:40	1	2	10' 10"						1.35	12.9	0.1	0.03					
1/30/2008	12:50			11' 0"						3.69	26	0.302	0.359					
2/6/2008	11:40			4' 2"						4.37	576	0.121	0.556					
2/20/2008	12:30	2	2	10' 8"	0.01	7.94	12.99	581	64	2.24	12	0.102	0.194					
3/5/2008	11:25			9' 4"	0.81	7.49	12.53	478	125.1	2.48	58	0.1	0.256					
3/19/2008	11:20	3	2	5' 11"	4.73	7.57	11.2	219	746.5	3.5	752	0.1	0.836					
4/2/2008	11:40	1	1	9' 10"	5.05	7.86	11.42	339	342	2.76	110	0.123	0.406	778	0.04	0		0
4/9/2008	11:45	3	3	10' 10"	11.12	8.07	10.93	667	22.7	1.21	13.2	0.1	0.093	308	0.05	0.03		0.32
4/16/2008	10:30	1	2	10' 9"	8.11	8	12.01	676	23.3	1.05	5.1	0.1	0.133	148	0.03	0.03		0.08
4/23/2008	10:20													70				
4/30/2008	11:00	1	1	11' 0"	8.63	8.12	10.79	836	20.4	1.99	10.5	0.01	0.58	184	0.12	0.05		0.3
5/7/2008	11:00	3	2	11'1"	16.46	7.83	6.87	888	17.4	2.01	3.3	0.1	0.089	365	0.25	0.06		0.24
5/14/2008	11:10	3	2	10'5"	12.98	7.62	9.11	472	97.4		45	0.186	0.478	5510				
5/21/2008	10:35	2	2	10'11"	11.35	7.92	10.06	690	26.1	1.29	7.2	0.1	0.013	461	0.7	0.07		0.19
5/28/2008	11:00	1	2	11'1"	13.45	7.85	12.3	82.4	26.9		4.8	0.1	0.095	250				
6/4/2008	10:45	3	2	10'9"	18.4	7.77	6.51	594	64.3	3.53	30	0.1	0.056	3444	1.31	0.24		0.41
6/11/2008	11:15	1	2	10'6"							23.7	1.21	0.179	1864				
6/18/2008	11:00	1	2	10'10"	18.23	8.03	7.05	688	37.4	1.63	17.1	0.1	0.132	1203	4.82	0.1		0.32
6/25/2008	11:10	3	3	10'6"	19.79	7.88	7.5	780	30.6		12.8	0.1	0.131	517				
7/2/2008	11:15	1	3	10'11"	20.51	8.08	6.6	632	39.2	1.68	16.2	0.1	0.144	866	8.59	0.11		1.16
7/9/2008	11:00	1	2	10'8"							54.5	0.1	0.084	3590				
7/16/2008	10:00	1	1	11'0"						2.25	12.3	0.1	0.076	1203	0.46	0.05		0.25
7/23/2008	10:50	1	2	11'0"							14.8	0.1	0.153	1046				

Holthouse Ditch																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		33	1	28	29	29	29	29	30	36	36	36	29	20	20	10	20
9/12/2007	11:15	2	1	18.6	17.24	7.97	8.62	675	24.4	1.76	25	0.1	0.666	461	0.89	0.45	0	1.25
9/19/2007	11:20	1	1	18' 9"	17.32	7.85	6.43	739	24.8	1.99	25.5	0.1	0.164	127	0.31	0.388	0.44	0.463
9/26/2007	11:10	3	1	18' 10"	20.27	7.4	1.75	742	19.6	5.9	24.4	0.1	0.315	203	0.282	0.375	0.432	0.432
10/3/2007	11:40	1	1	18' 9"	17.97	7.54	2.05	894	14.9	9.38	8	0.1	0.451	100	0.321	0.353	0.357	0.376
10/10/2007	11:40	3	3	18' 11"	13.42	7.45	0.66	845	81.9	11.7	24	0.1	0.797	980	0.262	0.31	0.425	0.363
10/17/2007	11:50	1	1	18' 8"	14.85	7.56	0.15	1037	6.4	10.47	16.4	0.1	0.486	61	0.319	0.05	0.344	0.412
10/24/2007	11:40	3	2	17' 8"	13.24	7.82	7.7	524	38.8	3.17	14	0.1	0.624	2650	0.335	0.329	0.395	0.333
10/31/2007	11:45	1	2	14' 5"	9.28	7.93	6.75	648	1.3	2.5	6.8	0.1	0.03	34	0.454	0.37	0.36	0.352
11/7/2007	11:50	2	1	18' 5"	5.25	7.94	8.08	633	0.4	2.1	6	0.1	0.243	22	0.355	0.333	0.337	0.378
11/14/2007	11:55	2	3	18'	11.63	7.83	8.54	500	42	3.02	20	0.1	0.492	1080	0.19	0.18	0.01	0.66
11/21/2007	11:30	3	1	18' 5"		7.98	7.74	690	10.5	1.3	13.5	0.1	0.079	100				
11/28/2007	11:40	2	2	17' 10"	5.5	7.78	11.36	373	68.8	1.7	25.5	0.1	0.586	977				
12/12/2007	11:15	2	2	11' 5"	2.6	7.39	12.33	107	286.3	3.47	190	0.1	0.302					
12/26/2007	11:45	1	1	18'	1.9	8.05	13.59	376	42.7	1.55	19	0.431	0.271					
1/16/2008	11:50	1	2	18' 2"						1.35	21	0.112	0.165					
1/30/2008	1:00			18' 6"						2.27	29	0.367	0.087					
2/6/2008	11:50			10' 3"						5.1	624	0.198	1.074					
2/20/2008	12:50	2	2	18' 0"	0	7.95	12.88	529	75.6	2.24	25	0.166	0.328					
3/5/2008	11:35			17' 10"	0.58	7.59	12.43	373	142.1	2.38	64	0.156	0.461					
3/19/2008	11:45	3	2	12' 5"	4.64	7.46	10.96	226	688.3	4.18	720	0.163	1.166					
4/2/2008	12:00	1	1	17' 6"	6.44	7.82	11.35	364	369	2.28	130	0.1	0.62	320	0.13	0.06		0.01
4/9/2008	12:00	3	3	18'5"	11.68	8.17	10.97	609	24.8	1.21	15	0.1	0.721	225	0.03	0		0.32
4/16/2008	10:50	1	2	18'3"	8.79	8.17	11.77	655	24	1.08	6	0.1	0.009	228	0.08	0.01		0.17
4/23/2008	10:30													579				
4/30/2008	11:20	1	1	18' 6"	9.61	8.13	10.24	768	18.2	2.15	10	0.1	0.436	64	0.21	0.05		0.25
5/7/2008	11:10	3	3	18'6"	16.47	7.89	7.52	687	30.2	1.92	14.1	0.1	0.341	1553	0.82	0.07		0.5
5/14/2008	11:20	3	2	17'10"	13.69	7.58	8.98	529	116.9		72	0.205	0.569	2752				
5/21/2008	10:55	2	2	18'2"	11.94	8.01	9.74	682	32.2	1.63	12	0.1	0.058	435	0.55	0.1		0.7
5/28/2008	11:15	1	2	18'4"	14.43	7.9	8.3	770	41.6		13.8	0.1	0.119	770				
6/4/2008	11:00	3	2	18'0"	18.43	7.85	6.72	656	74.1	2.65	44.5	0.1	0.265	1918	6.63	0.47		1.13
6/11/2008	11:30	1	2	17'7"							46	1.65	0.452	2044				
6/18/2008	11:10	1	2	18'5"	18.68	8.01	6.72	666	60.5	2.11	35.5	0.1	0.232	866	2.96	0.61		0.94
6/25/2008	11:30	3	3	18'9"	19.24	7.98	6.01	775	58.3		32	0.1	0.15	1553				
7/2/2008	11:30	1	3	18'4"	20.52	8.06	6.47	682	38.8	1.86	19.2	0.1	0.182	1414	0.91	0.29		0.93
7/9/2008	11:15	1	2	17'9"							127	0.1	0.163	8600				
7/16/2008	10:20	1	1	18'7"						2.15	20	0.1	0.167	1046	0.57	0.11		0.5
7/23/2008	11:20	1	2	18'7"							26.5	0.121	0.326	387				

Gerke Ditch																			
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		32	1	28	28	28	28	28	28	33	33	33	28	20	20	10	20
9/12/2007	11:35	2	1	13.2	17.39	8.15	9.46	612	20.1	1.39	13.2	0.1	0.149	613	0.5	0.36	0.03	1.35
9/19/2007	11:40	1	1	13' 3"	22.19	8.57	10.21	825	17	1.14	10.8	0.1	0.107	770	0.377	0.462	0.47	0.465
9/26/2007	11:30	3	1	13' 2"	21.46	7.61	4.42	1033	19	2.26	12.8	0.303	0.114	211	0.347	0.405	0.418	0.436
10/3/2007	12:00	2	1	13' 2"	18.45	7.78	6.3	1297	24.7	3.72	9.5	0.1	0.118	100	0.399	0.377	0.437	0.428
10/10/2007	11:55	3	2	13' 3"	16.45	7.98	6.77	1408	30.4	6.39	39	0.1	0.1	970	0.314	0.362	0.426	0.407
10/17/2007	12:15	1	1	13' 1"	15.74	7.81	5.45	1459	10.9	4.19	13.2	0.273	0.241	2420	0.351	0.049	0.386	0.451
10/24/2007	12:00	3	2	12' 9"	12.68	7.97	8.64	466	27.2	1.74	25	0.1	0.789	1350	0.373	0.328	0.373	0.316
10/31/2007	12:10	1	2	13' 1"	8.69	8.13	10.76	587	1.4	1.39	6.4	0.1	0.03	365	0.485	0.394	0.339	0.349
11/7/2007	12:15	2	1	13' 1"	5.67	8.1	12.06	694	0.3	1.9	3.9	0.1	0.146	727	0.409	0.373	0.332	0.413
11/14/2007	12:15	2	2	12' 7"	12.12	8.04	9.96	458	36	2.02	10.5	0.1	0.223	1340	0.08	0.06	0	0.76
11/21/2007	11:45	3	1	13' 1"	11.28	8.03	9.01	610	16	2.66	8.5	0.234	0.166	1340				
11/28/2007	12:00	2	2	12' 7"	4.72	7.95	12.21	357	55.9	1.39	13	0.1	0.327	1842				
12/12/2007	11:35	2	2	8' 8"	3.15	7.42	12.26	109	292.3	2.64	140	0.1	0.46					
12/26/2007	12:00	1	1	12' 9"	1.11	8.12	14.27	380	30.1	1.55	9.6	0.1	0.066					
1/16/2008	12:10	1	2	12' 11"						1.35	5.7	0.129	0.085					
1/30/2008	1:15			13' 5"	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE					
2/6/2008	12:00			5' 3"						4.63	480	0.147	0.708					
2/20/2008	1:10	2	2	12' 10"	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE	FROZE					
3/5/2008	11:50			10' 4"	0.04	7.71	12.5	354	138.9	2.71	47	0.131	0.858					
3/19/2008	12:10	3	2	8' 11"	4.19	7.52	11.44	185	671.4	3.88	620	0.1	1.056					
4/2/2008	12:20	1	1	11' 0"	5.79	7.93	11.87	385	294	2.28	96	0.1	0.356	374	0	0.06		0.05
4/9/2008	12:30	2	3	12' 11"	12.32	8.32	13.61	626	21.9	1.21	12.6	0.1	0.093	816	0.06	0.03		0.04
4/16/2008	11:10	1	2	13'0"	9.55	8.38	15.38	638	20.6	1.53	5.4	0.1	0.074	179	0.05	0.01		0.14
4/23/2008	10:45													126				
4/30/2008	11:40	1	1	13' 2"	11.06	8.21	12.93	797	17.6	2.55	9.5	0.01	0.947	185	0.27	0.07		0.12
5/7/2008	11:30	3	3	13'1"	17.01	7.97	9.28	701	25.6	2.83	11.4	0.1	0.177	770	2.67	0.23		0.76
5/14/2008	11:45	3	2	12'5"	13.2	7.66	9.17	407	262.9		165	0.133	0.998	3564				
5/21/2008	11:10	2	2	13'5"	12.41	8.02	11.45	701	28	1.51	9.9	0.1	0.043	461	0.51	0.21		0.91
5/28/2008	11:35	1	2	13'4"	15.99	8.02	12.95	826	27.7		5.4	0.1	0.059	387				
6/4/2008	11:15	3	2	12'10"	18.47	7.84	6.84	607	75.8	2.82	40.5	0.141	0.204	1508	9.16	0.46		1.28
6/11/2008	11:45	1	2	14'6"							49	0.675	0.306	2374				
6/18/2008	11:30	1	2	13'3"	20.06	8.07	7.7	742	45.5	1.63	24	0.1	0.157	687	2.09	0.48		0.43
6/25/2008	11:45	3	2	13'2"	19.83	7.88	6.6	914	50.9		24.5	0.14	0.162	1300				
7/2/2008	11:45	1	3	13'4"	22.65	8.14	7.74	622	43	2.93	16.4	0.119	0.264	1120	1.58	0.14		0.66
7/9/2008	11:30	1	2	13'1"							88	0.1	0.055	4710				
7/16/2008	10:35	1	1	13'4"						3.25	12.3	0.1	0.18	326	0.89	0.15		0.75
7/23/2008	11:40	1	2	13'3"							12.4	0.1	0.202	411				

Nickelson Creek																			
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		33	0	29	29	29	29	29	30	36	36	36	29	20	20	10	19
9/12/2007	11:50	1	1	12'5"	17.54	8.33	11.93	828	5.1	1.39	3	0.1	0.214	179	0.46	0.22	0.04	0.83
9/19/2007	12:00	1	1	12' 2"	22.74	7.94	7.9	983	10.2	2.08	3.2	0.1	0.081	201	0.378	0.45	0.437	0.475
9/26/2007	11:50	3	1	12' 2"	22.38	8.13	5	1126	16.3	3.44	10.4	0.1	0.205	327	0.321	0.413	0.425	0.429
10/3/2007	12:15	1	1	12' 2"	19.65	8.52	9.23	1196	22.9	1.96	8.8	0.1	0.218	200	0.403	0.369	0.399	0.437
10/10/2007	12:15	3	3	12' 3"	14.43	8.18	6.67	1198	13.2	2.72	5	0.1	0.214	100	0.307	0.345	0.454	0.4
10/17/2007	12:35	1	1	12' 2"	18.02	8.18	10.8	1442	10.2	3.24	4.4	0.1	0.137	435	0.373	0.046	0.356	
10/24/2007	12:15	3	2	11' 7"	12.91	7.87	8.24	518	14.4	2.02	0.8	0.1	0.722	1810	0.35	0.307	0.378	0.288
10/31/2007	12:20	1	3	12'	10.22	8.28	13.41	711	0.1	1.66	3.3	0.1	0.03	548	0.456	0.377	0.369	0.384
11/7/2007	12:30	2	1	12'	5.95	8.28	15.84	773	3	5.64	7.8	0.1	0.185	173	0.412	0.347	0.299	0.4
11/14/2007	12:40	1	3	11' 6"	12.5	7.9	9.73	471	28.1	2.72	9	0.1	0.089	1320	0.16	0.43	0.01	1.23
11/21/2007	12:00	3	1	11' 10"	12.08	8.02	8.26	664	41.4	6.18	25.6	0.245	0.353	7540				
11/28/2007	12:15	2	2	11' 3"	6.09	7.83	11.49	366	49.4	1.39	14	0.1	0.16	821				
12/12/2007	11:50	2	2	7' 2"	2.73	7.36	12.16	105	234.3	3.42	117	0.1	0.732					
12/26/2007	12:20	1	1	11' 8"	3.18	8.01	13.61	369	40.3	1.55	14.1	0.112	0.191					
1/16/2008	12:30	1	2	11' 8"						1.35	8.1	0.1	0.067					
1/30/2008	1:30			12' 0"						2.25	19	0.305	0.03					
2/6/2008	12:10			5' 11"						4.52	396	0.149	0.58					
2/20/2008	1:25	2	2	11' 8"	0.12	8	13.25	577	45.2	2.24	10	0.111	0.15					
3/5/2008	12:10			11' 3"	1.77	7.79	12.44	393	107.1	2.07	53	0.11	5.409					
3/19/2008	12:25	3	2	7' 6"	4.42	7.47	11.21	195	529.6	4	456	0.1	0.791					
4/2/2008	12:40	1	1	11' 0"	6.5	7.8	11.33	391	207	2.28	68	0.1	0.362	1666	0	0.04		0
4/9/2008	12:45	3	3	11' 9"	11.51	8.37	14.05	574	17.2	1.21	10.5	0.1	0.1	272	0	0		0
4/16/2008	11:30	1	2	11' 10"	9.96	8.44	16.14	631	22.1	1.66	5.1	0.1	0.087	142	0.13	0.01		0.32
4/23/2006	11:00													770				
4/30/2008	12:00	1	1	12'0"	11.86	8.44	18.2	777	17.5	2.55	9.5	0.1	0.947	185	0.27	0.07		0.12
5/7/2008	11:45	2	2	12'0"	16.63	8.14	11.63	705	18.2	2.35	6	0.1	0.259	517	2.34	0.02		0.23
5/14/2008	12:00	3	2	11'1"	12.74	7.57	8.85	416	157.5		98	0.24	0.615	4280				
5/21/2008	11:30	1	2	11'11"	12.58	8.07	11.23	682	24	1.8	6.3	0.113	0.043	214	1.35	0.22		0.6
5/28/2008	11:55	1	2	12'0"	16	8.35	12.51	809	24.2		4.5	0.1	0.059	285				
6/4/2008	11:30	3	2	11'8"	18.25	7.81	7.09	642	26.5	1.91	11.1	0.118	0.146	1553	1.2	0.17		0.66
6/11/2008	12:00	1	2	11'6"							31.5	0.221	0.352	3870				
6/18/2008	11:50	1	2	11'11"	22.11	8.48	11.59	653	15.8	1.63	6.6	0.1	0.126	548	2.12	1.53		0.75
6/25/2008	12:00	3	2	12'2"	19.79	8.05	7.51	719	16.2		8.4	0.1	0.245	2420				
7/2/2008	12:00	1	3	12'0"	23.61	8.43	11	708	15.7	1.68	4.5	0.1	0.088	517	0.93	0.16		0.07
7/9/2008	11:50	1	2	11'7"							31.5	0.108	0.364	2530				
7/16/2008	10:50	1	1	12'2"						5.26	16	0.1	0.192	1203	0.56	0.14		0.99
7/23/2008	11:50	1	2								20.5	0.1	0.474	687				

St. Marys River - Poe																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		34	0	30	30	30	30	30	35	37	37	37	29	27	27	10	27
9/12/2007	12:00	1	1	25.10.	20.23	8.02	7.28	336	106	3.88	118	0.1	0.352	770	0.56	0.44	0.02	1.42
9/19/2007	12:15	1	1	29' 8"	20.91	7.96	8.42	616	33.4	1.9	28	0.1	0.17	276	0.37	0.423	0.455	0.448
9/26/2007	12:10	3	1	30'	21.57	8.46	9.52	940	332	5.4	33.6	0.1	0.218	75	0.346	0.414	0.433	0.471
10/3/2007	12:30	2	1	29' 11"	20.16	8.58	13.3	1068	29.2	11.64	35	0.1	0.238	100	0.422	0.402	0.422	0.444
10/10/2007	12:30	2	3	30'	16.44	8.42	9.09	1089	36.2	6.88	32	0.1	0.086	100	0.344	0.377	0.438	0.433
10/17/2007	12:50	1	1	29' 11"	17.74	8.31	9.76	1224	40.4	4.52	35.2	0.1	0.169	291	0.391	0.057	0.373	0.461
10/24/2007	12:40	3	2	28' 9"	13.09	7.98	7.65	332	54.7	4.2	17	0.1	0.741	8570	0.333	0.359	0.375	0.362
10/31/2007	12:40	2	3	29' 3"	11.37	8.25	10.46	337	18.8	3.84	19.2	0.1	0.03	40	0.408	0.363	0.355	0.354
11/7/2007	12:45	2	1	30' 3"	5.98	8.41	10.77	715	7.8	2.8	10	0.1	0.269	52	0.392	0.358	0.325	0.42
11/14/2007	12:50	1	3	27' 3"	11.67	8.01	8.9	264	82.4	4.67	51	0.1	0.526	1480	0.38	0.21	0	1.16
11/21/2007	12:20	3	1	28' 11"	9.8	8.05	9.1	504	87.6	2.3	16.2	0.1	0.03	100				
11/28/2007	12:30	2	2	22'	4.99	7.99	10.98	157	118.7	3.52	48.8	0.103	0.03	1733				
12/12/2007	12:00	1	2	18' 4"	3.5	7.39	12.53	168	212.3	2.63	179	0.273	0.853					
12/26/2007	12:30	1	1	24' 3"	2.37	8.12	13.48	265	133.1	2.98	32.5	0.1	0.187					
1/16/2008	12:40	1	2	26' 2"						1.35	50	0.1	0.187					
1/30/2008	1:40			29' 5"							22	0.929	0.269					
2/6/2008	12:30			15' 8"						7.7	544	0.392	0.361					
2/20/2008	1:45	1	2	26' 0"	3.06	8.18	13.71	488	150.5	2.24	83	0.149	0.322					
3/5/2008	12:30			19' 2"	0.23	7.77	12.01	292	142.9	4.16	154	0.242	4.465					
3/19/2008	12:40	3	2	19' 6"	5.13	7.43	11.48	321	251.4	3.14	232	0.14	0.544					
4/2/2008	1:00	1	1	19' 11"	7.67	7.84	9.89	276	811	3.79	288	0.1	0.827	1024	0	0.01		0.02
4/9/2008	13:00	3	3	26'0"	12.39	8.32	9.61	260	104.6	2.71	94.4	0.1	0.362	649	0.11	0.05		0.08
4/16/2008	11:50	1	2	26'8"	12.32	8.32	10.22	543	124	3.39	65.5	0.1	0.304	150	0.04	0.06		0.41
4/23/2008	12:15	1	1	28'0"	18.9	8.24	8.35	461	245.2	6.46	176	0.411	0.418	276	0.1	0.05		0.93
4/30/2008	12:15	1	1	29' 2"	12.88	8.47	13.24	777	35.7	6.13	35	0.01	0.997	127	0.16	0.06		0.15
5/7/2008	12:00	2	3	29'1"	18.06	8.42	12.09	714	45.4	6.76	55	0.1	0.212	197	2.53	0.35		0.81
5/14/2008	12:15	3	2	21'6"	14.97	7.68	8.35	382	118.8	2.57	52	0.272	0.679	530	8.92	1.23		2.55
5/21/2008	11:45	1	2	28'0"	14.98	8.2	9.83	637	42.7	3.07	27.5	0.1	0.145	152	2.72	0.46		1.52
5/28/2008	12:10	1	2	29'3"	17.22	8.44	12.44	829	33.5	7.02	24	0.1	0.119	64	2.09	0.24		0.78
6/4/2008	11:45	2	2	26'4"	20.27	7.63	5.59	455	222	6.54	212	0.162	0.405	1146	16.4	1.7		2.72
6/11/2008	12:10	1	2	24'1"							231	0.948	0.686	5702	8.04	1.38		4.24
6/18/2008	12:00	1	2	28'4"	22.15	7.82	6.09	616	156	3.47	29	0.1	0.35	770	4.21	0.89		2.09
6/25/2008	12:15	3	2	29'4"	20.87	8.14	7.17	762	94.8	6.25	71	0.1	0.219	214	4.36	0.47		1.87
7/2/2008	12:10	1	3	26'4"	22.39	7.82	5.81	396	139	2.41	90	0.1	0.34	649	5.38	0.63		3.41
7/9/2008	12:00	1	2	27'9"						4.86	131	0.1	0.033	4320	1.22	0.15		0.89
7/16/2008	11:10	1	1	29'1"						3.28	74	0.1	0.18	194	1.38	0.21		1.38
7/23/2008	12:10	1	2	29'10"						5.72	56.8	0.1	0.283	147	1.6	0.26		1.33

Upper Gates Ditch																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		13	0	9	9	9	9	9	5	13	13	13	13	7	7	0	7
4/23/2008	10:30	1	1	16'4"	12.99	7.37	5.05	804	54.9	3.34	46	0.334	0.267	613	0.08	0.21		0.96
5/7/2008	9:20	3	3	16'4"	13.9	7.16	2.35	852	71.5		48	0.542	0.048	1414				
5/14/2008	9:20	3	2	15'10"	13.03	6.92	6.05	610	104.2		91	0.437	0.314	4374	0.61	0.38		0.14
5/21/2008	9:00	1	2	16'3"	10.22	7.45	6.29	805	70.4		51.5	0.346	0.18	1203				
5/28/2008	9:15	1	3	16'2"	12.71	7.47	4.4	892	105	3.81	72	0.496	0.293	613	0.177	0.49		0.12
6/4/2008	9:10	3	2	15'0"	17.42	7.25	5.95	536	1040		586	3.7	1.664	48392				
6/11/2008	9:50	1	2	15'3"						4.22	98	0.453	0.486	8704	9.45	0.68		1.28
6/18/2008	9:20	1	2	16'0"	18.05	6.98	4.83	665	222		109	0.448	0.599	1046				
6/25/2008	9:40	2	2	16'9"	19.4	7.03	3.37	905	142	6.06	90	0.792	0.035	1986	2.86	0.49		0.39
7/2/2008	9:50	1	3	16'5"	18.44	7.11	4.14	862	144		92	0.464	0.724	2420				
7/9/2008	9:35	1	2	11'9"						7.3	203	0.13	0.424	38730	4.61	0.4		2.82
7/16/2008	8:40	1	1	16'11"							64	0.202	0.321	2420				
7/23/2008	9:20	1	2	17'0"							172	0.668	1.121	2420	0.48	0.39		1.1

Upper Blue Creek																		
	Time	Cloud Cov	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		13	0	9	9	9	9	9	7	13	13	13	13	7	7	0	7
4/23/2008	10:40	1	1	16'11"	17.13	7.96	9.96	706	29.4	2.91	11.5	0.1	0.228	291	6	0.04		0.22
5/7/2008	9:00	3	3	17'0"	16.8	7.29	5.93	705	36		17.5	0.1	0.276	1414				
5/14/2008	9:00	3	2	15'2"	13.69	7.23	8.61	574	152.6	2.52	110	0.269	0.04	3684	0.8	0.13		0.13
5/21/2008	8:45	2	2	16'8"	11.16	7.98	9.21	723	41.2		21	0.1	0.124	411				
5/28/2008	9:00	1	3	16'10"	13.24	8.02	8.62	820	29.6	5.09	13.5	0.394	0.221	1203	0.57	0.08		0.27
6/4/2008	8:50	3	2	16'2"	18.99	7.41	6.5	578	166		99	0.81	0.476	9768				
6/11/2008	9:20	1	2	15'5"						5.02	57	2	0.572	5510	6.76	0.76		4.44
6/18/2008	9:00	1	1	16'9"	18.43	8.1	6.82	701	35.1		15.5	0.178	0.251	921				
6/25/2008	9:15	2	2	16'10"	21.72	7.69	5.13	591	25.4	2.32	11.4	0.1	0.175	488	6.83	0.18		0.94
7/2/2008	9:30	1	3	16'7"	21.36	8.01	6.11	730	48.6		26.5	0.1	0.27	1414				
7/9/2008	9:15	1	2	10'7"						7.61	254	0.143	0.778	43520	2.16	0.25		2.79
7/16/2008	8:20	1	1	16'8"							17.6	0.155	0.16	185				
7/23/2008	9:00	1	2	16'6"						5.52	18.5	0.237	0.338	98	1.31	0.22		1.5

Twentyseven Mile Creek																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>			0	8	8	8	8	8	7	13	13	13	13	7	7	0	7
4/23/2008	11:30	1	1	19'3"	16.95	8.11	11.61	627	25.1	2.95	15	0.1	0.045	248	0.26	0.03		0.57
5/7/2008	10:20	2	2	19'4"	17.19	7.92	7.52	553	29.2		57	0.1	0.071	387				
5/14/2008	10:20	3	2	14'10"	15.68	7.56	8.4	508	98.4	1.51	22	0.128	0.423	518	2.85	0.5		1.11
5/21/2008	10:00	3	2	19'1"	12.39	7.9	9.27	637	38.9		15.9	0.1	0.241	613				
5/28/2008	10:20	1	3	19'7"						3.38	146	0.1	0.143	219	1.29	0.37		0.59
6/4/2008	10:10	3	2	19'0"	19.62	7.85	6.45	623	73.5		40.5	0.1	0.075	1542				
6/11/2008	10:45	1	2	17'10"						3.77	54	0.714	0.292	2212	7.77	1.06		4.32
6/18/2008	10:20	1	1	19'4"	19.14	7.99	6.42	595	60		35	0.1	0.213	1414				
6/25/2008	10:30	2	2	19'9"	21.27	7.87	5.63	647	50.4	2.93	31	0.1	0.181	345	8.8	0.52		2.44
7/2/2008	10:40	1	4	18'10"	20.76	7.87	5.89	644	34.1		26.8	0.1	0.063	517				
7/9/2008	10:25	1	2	16'7"						6.04	101	0.1	0.105	8130	2.49	0.45		2.48
7/16/2008	9:30	1	1	19'6"							18.4	0.1	0.064	387				
7/23/2008	10:20	1	2	19'4"						4.91	21.5	0.169	0.246	249	0.44	0.1		1.32

Houk Ditch																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		13	0	9	9	9	9	9	7	13	13	13	13	7	7	0	7
4/23/2008	12:40	1	2	13'3"	19.53	8.3	13.64	661	22	2.41	7.5	0.1	0.071	75	0.04	0.01		0.32
5/7/2008	12:15	3	3	13'5"	17.78	8.24	9.5	885	14.1		9.9	0.1	0.241	147				
5/14/2008	12:45	3	2	12'6"	13.14	7.57	9.09	400	228.3	5.66	168	0.25	0.897	6896	6.4	0.44		1.13
5/21/2008	12:00	1	2	13'2"	14.3	8.17	11.14	760	28.8		9.9	0.1	0.155	261				
5/28/2008	12:30	1	2	13'3"	17.67	8.37	11.71	926	32.2	1.78	11.4	0.1	0.185	105	0.37	0.03		0.41
6/4/2008	12:00	2	2	12'8"	19.28	7.74	7.06	457	190		88	0.126	0.34	2860				
6/11/2008	12:25	1	2	12'11"						1.75	56.5	0.133	0.239	2306	3.69	0.53		2.73
6/18/2008	12:25	1	2	13'1"	21.66	8.13	7.66	664	46.1		18.9	0.1	0.145	770				
6/25/2008	12:40	3	2	13'3"	20	8.04	7.19	711	62	2.96	30	0.1	0.162	2420	1.58	0.16		1.07
7/2/2008	12:30	1	3	13'3"	23.97	8.2	7.4	608	38.7		16	0.1	0.113	866				
7/9/2008	12:20	1	2	12'5"						4.54	12.3	0.1	0.105	6500	0.66	0.2		1.95
7/16/2008	11:30	1	1	13'4"							12	0.1	0.025	980				
7/23/2008	12:30	1	2	13'6"						1.86	7.5	0.1	0.196	411	0.35	0.21		1.3

Snyder Ditch																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		13	0	9	9	9	9	9	7	13	13	13	13	7	7	0	7
4/23/2008	12:50	1	1	15'0"	20.96	8.57	15.55	607	21.9	2.31	4.8	0.1	0.222	411	0.08	0.01		0.45
5/7/2008	12:25	3	3	15'1"	17.12	8.38	10.34	664	17.9		7.8	0.1	0.118	214				
5/14/2008	13:00	3	2	14'4"	13.45	7.6	9.22	583	56	2.46	37	0.443	0.505	2934	5.38	0.59		0.74
5/21/2008	12:20	1	2	14'11"	12.9	8.34	12.21	631	20.5		3.6	0.1	0.089	249				
5/28/2008	12:45	1	2	15'1	15.56	8.39	13.65	685	23.2	4.96	45.9	0.1	0.131	276	0.78	0.14		0.46
6/4/2008	12:15	2	2	14'7"	18.83	7.74	7.24	539	44.4		17.1	0.143	0.166	1986				
6/11/2008	12:40	1	2	13'11"						1.75	14.1	0.1	0.219	900	4.29	0.47		2.62
6/18/2008	12:40	1	2	14'11	19.4	8.09	7.96	609	24.3		10.2	0.1	0.114	1203				
6/25/2008	13:00	2	2	15'0"	19.18	8.07	7.39	682	39.4	2.6	17.4	0.1	0.169	1986	1.66	0.27		0.95
7/2/2008	12:40	1	3	14'10"	21.9	8.13	7.47	566	28.7		12.8	0.1	0.107	727				
7/9/2008	12:35	1	2	14'0"						4.27	50	0.1	0.142	7980	0.85	0.3		2.39
7/16/2008	11:40	1	1	15'1"							7.8	0.1	0.012	517				
7/23/2008	12:40	1	2	14'1						1.48	7.8	0.1	0.283	579	0.68	0.23		0.81

Harber Ditch																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		13	0	9	9	9	9	9	7	13	13	13	13	7	7	0	7
4/23/2008	13:10	1	1	16'0"	20.6	8.54	14.12	608	22	3.69	24	0.1	0.11	727	0.09	0.07		0.4
5/7/2008	12:45	3	3	16'3"	17.39	8.17	8.3	699	20.2		7.8	0.1	0.183	866				
5/14/2008	13:10	3	2	15'1"	13.69	7.57	8.87	513	68.2	2.45	40	0.214	0.56	1760	5.94	0.57		2.87
5/21/2008	12:35	1	2	15'10"	14	8.19	9.75	628	30.2		11.1	0.1	0.079	1203				
5/28/2008	13:00	1	2	16'2"	18.03	8.2	9.88	669	42.8	2.06	23.1	0.1	0.089	387	0.29	0.07		0.4
6/4/2008	12:30	1	2	15'5"	19.41	7.69	7.22	550	42.6		24	0.156	0.146	1733				
6/11/2008	12:50	1	2	15'6"						2.3	36.4	0.158	0.232	728	3.21	0.34		1
6/18/2008	12:50	1	2	16'0"	22.14	7.89	7.93	626	41.3		24.4	0.1	0.126	980				
6/25/2008	13:15	2	2	15'9"	20.19	7.93	6.81	522	41.4	3.89	21.2	0.1	0.143	2420	4.36	0.29		1.18
7/2/2008	12:50	1	3	16'1"	24.64	8.12	8.37	593	23.3		9.9	0.1	0.075	276				
7/9/2008	12:50	1	2	14'5"						4.54	95	0.209	0.142	7890	0.77	0.22		0.99
7/16/2008	11:50	1	1	16'2"							6.6	0.1	0.064	159				
7/23/2008	12:50	1	2	16'4"						2.78	8.7	0.1	0.301	24	0.74	0.17		0.8

Junk Ditch																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		13	0	9	9	9	9	9	5	13	13	13	13	7	7	0	7
4/23/2008	13:30	1	1	11'5"	21.66	8.04	11.23	747	67	4.34	56	0.132	0.169	387	0.01	0.01		0.13
5/7/2008	13:10	3	3	11'6"	17.66	7.72	6.92	861	53.5		40	0.185	0.833	548				
5/14/2008	13:30	3	2	11'0"	14.83	7.41	7.13	641	57.4	6.9	47	0.223	0.496	2172	0.25	0.21		0.12
5/21/2008	13:00	1	2	11'6"	15.54	7.79	7.78	803	51.8		37.6	0.35	0.17	308				
5/28/2008	13:30	1	2	11'7"	17.97	7.76	6.05	910	49.7	3.05	42.6	0.409	0.269	2420	0.11	0.05		0.37
6/4/2008	12:50	1	2	10'10"	22.61	7.32	4.38	480	47.8		35.5	0.248	0.359	980				
6/11/2008	13:15	1	2	10'10"						4.71	41	0.27	0.372	524	0.25	0.26		0.21
6/18/2008	13:15	1	2	11'5"	23.13	7.62	6.89	611	38.3		24.5	0.169	0.306	313				
6/25/2008	13:40	2	2	10'10"	21.04	7.5	5.2	477	91		44.5	0.111	0.188	2420	0.3	0.11		0.47
7/2/2008	13:10	1	3	11'7"	24.88	7.65	7.05	662	19.2		11.6	0.1	0.214	461				
7/9/2008	13:15	1	2	10'8"						4.47	34.5	0.1	0.313	4350	0.16	0		0.21
7/16/2008	12:10	1	1	11'7"							12	0.1	0.173	201				
7/23/2008	13:10	1	2	11'8"							6.6	0.1	0.369	194	0.06	0.04		0.94

Spy Run Creek																		
	Time	Cloud Cover	Wind	Flow Height	Temp.	pH	DO	Conductivity	Turbidity	BOD	TSS	NH3-N	TP	E.coli	Atrazine	Alachlor	Cyanzine	Metolachlor
Date	Number of samples >>		13	0	9	9	9	9	9	7	13	13	13	13	7	7	0	7
4/23/2008	13:50	1	1	16'6"	21.56	7.82	9.79	972	22.8	2.9	10.5	0.1	0.078	76	0.03	0		0.08
5/7/2008	13:30	3	2	16'7"	17.32	7.65	8.03	938	28.2		15.5	0.1	0.147	210				
5/14/2008	13:50	3	2	14'8"	14.49	7.5	9.05	482	57.9	4.76	45	0.158	0.72	2224	0.24	0.07		0.12
5/21/2008	13:15	1	3	15'10"	14.26	7.63	8.69	879	28.2		9.9	0.277	0.089	579				
5/28/2008	13:45	1	2	16'8"	18.31	7.64	8.86	1032	26.1	2.04	9.9	0.215	0.053	186	0.09	0		0.17
6/4/2008	13:15	1	2	16'0"	22.45	7.7	6.81	287	69.4		42.5	0.134	0.204	980				
6/11/2008	13:30	1	2	14'11"						3.65	37	0.1	0.206	1920	0.73	0.14		0.42
6/18/2008	13:30	1	2	16'6"	20.75	6.89	6.84	676	35.3		25.5	0.1	0.089	727				
6/25/2008	14:00	2	2	16'4"	21.13	7.74	6.7	468	66	5.69	37.5	0.1	0.2	2420	0.57	0.03		0.33
7/2/2008	13:30	1	3	15'11"	24.91	7.76	5.72	521	87.4		44.5	0.1	0.163	727				
7/9/2008	13:30	1	2	15'6"						4.36	49	0.1	0.19	6310	0.56	0.05		0.21
7/16/2008	12:25	1	1	16'2"							62	0.1	0.134	687				
7/23/2008	13:30	1	2	18'7"						2.22	10.5	0.1	0.098	687	0.34	0.02		0.93