Appendix C

Laboratory Analytical Data and Field Parameter Data

Community Level Laboratory Analytical Data and Field Parameter Data

StationName	Sample Type	Sample Collection Date	Ammonia as N mg/L	Dissolved Phosphorus mg/L	Nitrate and Nitrite as N mg/L	Nitrate as N mg/L	Nitrite as N mg/L	Ortho-phosphate mg/L	Total Kjeldahl Nitrogen (TKN) mg/L	Total Nitrogen as N mg/L	Total Phosphorus mg/L	Total Suspended Solids mg/L	Turbidity NTU	C10-C22 mg/L	C22-C36 mg/L	C6-C10 mg/L	Total Extractable Hydrocarbons (C6-C36) mg/L	pH	Electrical Conductivity µS
Water Year 2010																			
DSC-TC1		2/24/2010		0.018		0.11	0.073	0.016	0.49	0.68	0.24	82	120						
DSC-TC1		2/26/2010		0.078		0.36	0.034	0.081	0.71	1.1	0.16	71	63						
DSC-TC1		3/29/2010		0.1		0.21	0.01 U	0.044	0.49	0.7	0.13	14	24						
DSC-TC1		4/22/2010		0.057		0.69	0.01 U	0.044	0.27	0.96	0.18	20	30						
DSC-TC1		4/27/2010		0.049		0.39	0.01 U	0.042	0.42	0.81	0.27	38	48						
DSC-TC1		5/25/2010		0.13		1.6	0.01 U	0.089	0.28	1.9	0.14	2	5.1						
DSC-TC1	DUP	5/25/2010		0.077		1.6	0.01 U	0.092	0.27	1.9	0.11	3	5						
DSC-TT1		2/5/2010		0.01 U	0.22			0.037	3	3.2	0.44	1600	1300						
DSC-TT1		2/24/2010		0.058		0.12	0.1	0.068	1	1.2	0.12	270 J	990						
DSC-TT1	DUP	2/24/2010		0.045		0.11	0.073	0.07	1.2	1.4	0.14	480 J	940						
DSC-TT1		2/26/2010		0.084		0.28	0.045	0.1	2.9	3.3	0.26	2200	470						
DSC-TT1		3/12/2010		0.012		0.43	0.33	0.057	2.3	3.1	2	1500	770						
DSC-TT1		3/29/2010		0.055		0.15	0.01 U	0.092	0.39	0.54	0.076	33	58						
DSC-TT1		4/22/2010		0.028		0.12	0.015	0.042	1.5	1.7	0.42	470	400						
DSC-TT1		4/27/2010		0.081		0.14	0.01 U	0.084	1.7	1.9	1.5	1000	470						
DSC-TT1		5/10/2010		0.048		0.3	0.056	0.059	1.8	2.2	0.53	470	300						
Quality Control	BB	3/12/2010		0.01 U		0.01 U	0.01 U	0.01 U	0.05 U	0.07 U	0.01 U	1 U	0.1 U						
Water Year 2011																			
DSC-MC1		10/4/2010				0.17	0.01 U		0.31	0.48	0.25	4	7.9						
DSC-MC1		10/4/2010				0.17	0.01 U		0.31	0.48	0.25	4	7.9						
DSC-MC1		10/24/2010				0.27	0.01 U		0.31	0.58	0.088	190	54						
DSC-MC1		10/24/2010				0.27	0.01 U		0.31	0.58	0.088	190	54						
DSC-MC1		12/14/2010			0.25	0.25	0.01 U						140						
DSC-MC1		12/14/2010			0.25	0.25	0.01 U						140						
DSC-MC1		3/2/2011				0.17	0.01 U		0.7	0.87	0.19	250	220						
DSC-MC1		3/2/2011				0.17	0.01 U		0.7	0.87	0.19	250	220						
DSC-MC1		3/6/2011				0.23	0.01 U		0.62	0.85	0.19	240	120						
DSC-MC1		3/6/2011				0.23	0.01 U		0.62	0.85	0.19	240	120						
DSC-MC1		3/28/2011				0.59	0.01 U		0.055	0.65	0.048	15	13						
DSC-MC1		3/28/2011				0.59	0.01 U		0.055	0.65	0.048	15	13						
DSC-MC1		4/11/2011				0.49	0.01 U		0.1	0.59	0.051	11	7.3						
DSC-MC1		4/11/2011				0.49	0.01 U		0.1	0.59	0.051	11	7.3						
DSC-MC1		5/25/2011				0.01 U	0.025 U		1.4	1.4	0.33	640	230						
DSC-MC1		5/25/2011				0.01 U	0.025 U		1.4	1.4	0.33	640	230						
DSC-MC2		12/14/2010	0.05 U	0.03		0.012	0.01 U	0.028	0.27	0.28	0.099	3	1.3						
DSC-MC2		12/14/2010	0.05 U	0.03		0.012	0.01 U	0.028	0.27	0.28	0.099	3	1.3						
DSC-MC2		12/18/2010	0.05 U	0.036		0.04	0.01 U	0.046	0.05 U	0.07 U	0.058	11	2.8						
DSC-MC2		12/18/2010	0.05 U	0.036		0.04	0.01 U	0.046	0.05 U	0.07 U	0.058	11	2.8						
DSC-MC2		1/17/2011	0.05 U	0.025	0.01 U	0.01 U	0.01 U	0.012	0.16	0.16	0.024	1 U	0.35						
DSC-MC2	DUP	1/17/2011	0.05 U	0.03	0.01 U	0.01 U	0.01 U	0.011	0.08	0.08	0.022	1	0.42						
DSC-MC2	TRIPLICATE	1/17/2011	0.05 U	0.025	0.01 U	0.01 U	0.01 U	0.012	0.054	0.07 U	0.02	1 U	0.52						
DSC-MC2		1/17/2011	0.05 U	0.025	0.01 U	0.01 U	0.01 U	0.012	0.16	0.16	0.024	1 U	0.35						
DSC-MC2	DUP	1/17/2011	0.05 U	0.03	0.01 U	0.01 U	0.01 U	0.011	0.08	0.08	0.022	1	0.42						
DSC-MC2	TRIPLICATE	1/17/2011	0.05 U	0.025	0.01 U	0.01 U	0.01 U	0.012	0.054	0.07 U	0.02	1 U	0.52						
DSC-MC2		3/2/2011	0.063	0.03		0.13	0.01 U	0.015	0.16	0.29	0.036	1 U	1.9						
DSC-MC2		3/2/2011	0.063	0.03		0.13	0.01 U	0.015	0.16	0.29	0.036	1 U	1.9						
DSC-MC2		3/10/2011	0.082	0.024		0.18	0.01 U	0.02	0.22	0.4	0.032	1 U	1.9						
DSC-MC2		3/10/2011	0.082	0.024		0.18	0.01 U	0.02	0.22	0.4	0.032	1 U	1.9						
DSC-MC2		3/14/2011	0.05 U	0.03		0.18	0.01 U	0.025	0.36	0.54	0.1	73	11						
DSC-MC2		3/14/2011	0.05 U	0.03		0.18	0.01 U	0.025	0.36	0.54	0.1	73	11						
DSC-MC2		3/31/2011	0.05 U	0.018		0.01 U	0.01 U	0.016	0.14	0.14	0.017	9	2.8						
DSC-MC2		3/31/2011	0.05 U	0.018		0.01 U	0.01 U	0.016	0.14	0.14	0.017	9	2.8						
DSC-MC2		5/25/2011	0.05 U	0.036		0.21	0.025 U	0.023	0.37	0.58	0.072	8	2.1						

StationName	Sample Type	Sample Collection Date	Ammonia as N mg/L	Dissolved Phosphorus mg/L	Nitrate and Nitrite as N mg/L	Nitrate as N mg/L	Nitrite as N mg/L	Ortho-phosphate mg/L	Total Kjeldahl Nitrogen (TKN) mg/L	Total Nitrogen as N mg/L	Total Phosphorus mg/L	Total Suspended Solids mg/L	Turbidity NTU	C10-C22 mg/L	C22-C36 mg/L	C6-C10 mg/L	Total Extractable Hydrocarbons (C6-C36) mg/L	pH	Electrical Conductivity µS
DSC-MC2		5/25/2011	0.05 U	0.036		0.21	0.025 U	0.023	0.37	0.58	0.072	8	2.1						
DSC-MC3		12/14/2010	0.05 U	0.051		0.01 U	0.01 U	0.039	0.82	0.82	0.17	170	83						
DSC-MC3		12/14/2010	0.05 U	0.051		0.01 U	0.01 U	0.039	0.82	0.82	0.17	170	83						
DSC-MC3		12/18/2010	0.053	0.062		0.01 U	0.01 U	0.088	0.33	0.33	0.092	16	15						
DSC-MC3		12/18/2010	0.053	0.062		0.01 U	0.01 U	0.088	0.33	0.33	0.092	16	15						
DSC-MC3		3/14/2011	0.05 U	0.05		0.011	0.01 U	0.034	0.17	0.19	0.065	25	10						
DSC-MC3		3/14/2011	0.05 U	0.05		0.011	0.01 U	0.034	0.17	0.19	0.065	25	10						
DSC-MC3		3/31/2011	0.05 U	0.034		0.013	0.01 U	0.038	0.12	0.14	0.065	6	8.3						
DSC-MC3		3/31/2011	0.05 U	0.034		0.013	0.01 U	0.038	0.12	0.14	0.065	6	8.3						
DSC-MC3		4/18/2011	0.05 U	0.04		0.01 U	0.01 U	0.026	0.14	0.14	0.05	1	4.9						
DSC-MC3		4/18/2011	0.05 U	0.04		0.01 U	0.01 U	0.026	0.14	0.14	0.05	1	4.9						
DSC-MC3		6/6/2011	0.05 U	0.023		0.019	0.01 U	0.013	1.3	1.3	0.13	530	120						
DSC-MC3		6/6/2011	0.05 U	0.023		0.019	0.01 U	0.013	1.3	1.3	0.13	530	120						
DSC-TC1		10/4/2010				0.07	0.01 U		0.37	0.44	1.5	20	36						
DSC-TC1		10/4/2010				0.07	0.01 U		0.37	0.44	1.5	20	36						
DSC-TC1		10/24/2010				0.021	0.01 U		0.18	0.21	0.072	140	42						
DSC-TC1		10/24/2010				0.021	0.01 U		0.18	0.21	0.072	140	42						
DSC-TC1		12/14/2010			0.055	0.055	0.01 U		0.81	0.92	0.22	240	120						
DSC-TC1		12/14/2010			0.055	0.055	0.01 U		0.81	0.92	0.22	240	120						
DSC-TC1		12/18/2010			0.079	0.073	0.01 U		0.71	0.86	0.072	58	96						
DSC-TC1		12/18/2010			0.079	0.073	0.01 U		0.71	0.86	0.072	58	96						
DSC-TC1		12/28/2010				1.1	0.01 U		0.24	1.3	0.058	6	12						
DSC-TC1		12/28/2010				1.1	0.01 U		0.24	1.3	0.058	6	12						
DSC-TC1		2/22/2011				0.82	0.01 U		0.26	1.1	0.064	1	5.8						
DSC-TC1	DUP	2/22/2011				0.82	0.01 U		0.3	1.1	0.077	1 U	6.5						
DSC-TC1	TRIPLICATE	2/22/2011				0.82	0.01 U		0.35	1.2	0.067	1 U	5.9						
DSC-TC1		2/22/2011				0.82	0.01 U		0.26	1.1	0.064	1	5.8						
DSC-TC1	DUP	2/22/2011				0.82	0.01 U		0.3	1.1	0.077	1 U	6.5						
DSC-TC1	TRIPLICATE	2/22/2011				0.82	0.01 U		0.35	1.2	0.067	1 U	5.9						
DSC-TC1		3/6/2011				0.7	0.01 U		0.28	0.98	0.054	34	29						
DSC-TC1		3/6/2011				0.7	0.01 U		0.28	0.98	0.054	34	29						
DSC-TC1		3/14/2011				0.64	0.01 U		0.6	1.2	0.13	150	100						
DSC-TC1		3/14/2011				0.64	0.01 U		0.6	1.2	0.13	150	100						
DSC-TT1		10/24/2010				0.16	0.01 U		0.21	0.37	0.098	1300	300						
DSC-TT1		10/24/2010				0.16	0.01 U		0.21	0.37	0.098	1300	300						
DSC-TT1		12/14/2010			0.031	0.031	0.01 U		2	2	0.63	1000	600						
DSC-TT1		12/14/2010			0.031	0.031	0.01 U		2	2	0.63	1000	600						
DSC-TT1		1/17/2011			0.14	0.1	0.044		2.7	2.8	0.25	1200	620						
DSC-TT1	DUP	1/17/2011			0.13	0.094	0.038		2.7	2.9	0.27	1200	660						
DSC-TT1		1/17/2011			0.14	0.1	0.044		2.7	2.8	0.25	1200	620						
DSC-TT1	DUP	1/17/2011			0.13	0.094	0.038		2.7	2.9	0.27	1200	660						
DSC-TT1		3/2/2011				0.13	0.021		1.6	1.8	0.26	220	530						
DSC-TT1		3/2/2011				0.13	0.021		1.6	1.8	0.26	220	530						
DSC-TT1		3/14/2011				0.79	0.01 U		0.5	1.3	0.37	900	910						
DSC-TT1		3/14/2011				0.79	0.01 U		0.5	1.3	0.37	900	910						
DSC-TT1		3/28/2011				0.09	0.01 U		1.7	1.8	0.36	580	370						
DSC-TT1		3/28/2011				0.09	0.01 U		1.7	1.8	0.36	580	370						
DSC-TT1		3/31/2011												1 U	1.5	1 U	1.5		
DSC-TT1		3/31/2011												1 U	1.5	1 U	1.5		
DSC-TT1		4/20/2011				0.16	0.01 U		1.3	1.4	0.46	1100	300						
DSC-TT1		4/20/2011				0.16	0.01 U		1.3	1.4	0.46	1100	300						
DSC-TT1		5/25/2011				0.19	0.025 U		1.9	2.1	0.36	870	350						
DSC-TT1		5/25/2011				0.19	0.025 U		1.9	2.1	0.36	870	350						

StationName	Sample Type	Sample Collection Date	Ammonia as N mg/L	Dissolved Phosphorus mg/L	Nitrate and Nitrite as N mg/L	Nitrate as N mg/L	Nitrite as N mg/L	Ortho-phosphate mg/L	Total Kjeldahl Nitrogen (TKN) mg/L	Total Nitrogen as N mg/L	Total Phosphorus mg/L	Total Suspended Solids mg/L	Turbidity NTU	C10-C22 mg/L	C22-C36 mg/L	C6-C10 mg/L	Total Extractable Hydrocarbons (C6-C36) mg/L	pH	Electrical Conductivity µS
Water Year 2012																			
DSC-DC1		3/15/2012										750							
DSC-DC1	FIELD	3/15/2012											>1000					8	135.8
DSC-DC1		3/16/2012										140							
DSC-DC1	FIELD	3/16/2012											170 / 172					8.05	126.1
DSC-DC1		3/28/2012										960							
DSC-DC1	FIELD	3/28/2012											939					8.13	86.1
DSC-DC1		4/12/2012										1200							
DSC-DC1	FIELD	4/12/2012											>1000					8.55	211
DSC-DC1		4/26/2012										730							
DSC-DC1	FIELD	4/26/2012											152					8.39	99.6
DSC-MC1		10/5/2011			0.34	0.31	0.032		0.54	0.89	0.13	180	40						
DSC-MC1		1/21/2012				0.01 UJ	0.01 U		0.21	0.21	0.093	26	18						
DSC-MC1		1/26/2012				0.24	0.01 U		0.51	0.75	0.056	20	20						
DSC-MC2		1/20/2012	0.05 U	0.96		0.01 UJ	0.01 UJ	1.1	3.7	3.7	0.94	69	16						
DSC-MC2		1/25/2012	0.05 U	0.1		0.39	0.01 U	0.084	0.63	1	0.14	1 U	1.1						
DSC-MC2		3/5/2012	0.063	0.058		0.2	0.01 U	0.053	0.46	0.66	0.084	2	2.3						
DSC-MC2		3/13/2012	0.05 U	0.091		0.037	0.01 U	0.11	0.69	0.73	0.21	43	11						
DSC-MC2		3/16/2012	0.05 U	0.099		0.05	0.01 U	0.07	0.5	0.6	0.15	17	6.8						
DSC-MC2		3/21/2012	0.05 U	0.014		0.01 U	0.01 U	0.025	0.21	0.21	0.035	5	2.8						
DSC-MC2		3/28/2012	0.05 U	0.022		0.01 U	0.01 U	0.016	0.25	0.25	0.036	1	0.81						
DSC-MC2		4/26/2012	0.05 U	0.038		0.049	0.01 U	0.01 U	0.28	0.33	0.12	6	2.5						
DSC-MC3		10/5/2011	0.17	0.41	0.81	0.81	0.01 U	0.58	3.6	4.4	0.77	110	46						
DSC-MC3		3/16/2012	0.05 U	0.021		0.01 U	0.01 U	0.017	0.34	0.34	0.13	39	26						
DSC-MC3		3/21/2012	0.05 U	0.014		0.01 U	0.01 U	0.021	0.095	0.095	0.042	1 U	9.8						
DSC-MC3		4/26/2012	0.05 U	0.015		0.055	0.055	0.01 U	0.55	0.66	0.13	290	120						
DSC-MC3	DUP	4/26/2012	0.05 U	0.016		0.053	0.053	0.01 U	0.47	0.58	0.088	290	120						
DSC-MC3	TRIPLICATE	4/26/2012	0.05 U	0.016		0.072	0.051	0.01 U	1.3 J	1.4 J	0.096	280	130						
DSC-MC3		8/14/2012	0.17	0.15		0.13	0.012	0.15	3.2	3.3	0.17	810	310						
DSC-TC1		1/20/2012				0.056 J	0.01 UJ		1.2	1.3	0.25	360	98						
DSC-TC1		3/16/2012										68							
DSC-TC1	FIELD	3/16/2012											111 / 111					7.72	382
DSC-TC1	DUP	3/16/2012										69							
DSC-TC1	TRIPLICATE	3/16/2012										68							
DSC-TC1		3/21/2012										3							
DSC-TC1	FIELD	3/21/2012											12.1 / 12.7					7.81	182.9
DSC-TC1		3/28/2012										2							
DSC-TC1	FIELD	3/28/2012											13.8					8.58	280
DSC-TC1		4/26/2012										99							
DSC-TC1	FIELD	4/26/2012											103					8.76	243
DSC-TC2		3/13/2012										120							
DSC-TC2	FIELD	3/13/2012											112					7.51	3730
DSC-TC2		3/16/2012										440							
DSC-TC2	FIELD	3/16/2012											350 / 338					7.03	4060
DSC-TC2		3/21/2012										140							
DSC-TC2	FIELD	3/21/2012											278 / 285					7.55	687
DSC-TC2		3/28/2012										180							
DSC-TC2	FIELD	3/28/2012											518					7.86	1202
DSC-TC2		4/12/2012										570							
DSC-TC2	FIELD	4/12/2012											643					8.13	7260
DSC-TT1		10/5/2011			0.31	0.31	0.01 U		1.5	1.8	0.18	540	120						
DSC-TT1		1/20/2012				0.13 J	0.018 J		2.7	3	0.37 J	1300 J	600						
DSC-TT1	DUP	1/20/2012				0.12 J	0.01 UJ		2.8	3.1	0.79 J	2400 J	600						
DSC-TT1	TRIPLICATE	1/20/2012				0.11 J	0.01 UJ		2.1	2.3	0.14 J	2000 J	610						
DSC-TT1		1/26/2012				0.07	0.01 U		1.3	1.4	0.096	450	300						
DSC-TT1		3/16/2012										1100							

StationName	Sample Type	Sample Collection Date	Ammonia as N mg/L	Dissolved Phosphorus mg/L	Nitrate and Nitrite as N mg/L	Nitrate as N mg/L	Nitrite as N mg/L	Ortho-phosphate mg/L	Total Kjeldahl Nitrogen (TKN) mg/L	Total Nitrogen as N mg/L	Total Phosphorus mg/L	Total Suspended Solids mg/L	Turbidity NTU	C10-C22 mg/L	C22-C36 mg/L	C6-C10 mg/L	Total Extractable Hydrocarbons (C6-C36) mg/L	pH	Electrical Conductivity µS
DSC-TT1	FIELD	3/16/2012											932 / 942					8.06	36.4
DSC-TT1		3/28/2012										1500							
DSC-TT1	FIELD	3/28/2012											>1000					7.96	184.9
DSC-TT2		3/1/2012										48							
DSC-TT2	FIELD	3/2/2012											116					7.8	1315
DSC-TT2		3/8/2012										63							
DSC-TT2	FIELD	3/8/2012											106					8.1	1240
DSC-TT2		3/13/2012										650							
DSC-TT2	FIELD	3/13/2012											426					7.87	593
DSC-TT2		3/16/2012										1400							
DSC-TT2	FIELD	3/16/2012											371 / 395					7.3	79.7
DSC-TT2		3/28/2012										26							
DSC-TT2	FIELD	3/28/2012											37.6					8.41	234
DSC-TT3		3/16/2012										360							
DSC-TT3	FIELD	3/16/2012											378 / 353					7.71	76.7
DSC-TT3		3/28/2012										330							
DSC-TT3	FIELD	3/28/2012											261					7.57	6790
DSC-TT3		4/12/2012										1600							
DSC-TT3	FIELD	4/12/2012											>1000					8.03	294
DSC-TT3		4/26/2012										340							
DSC-TT3	FIELD	4/26/2012											401					7.93	275
DSC-TT3		8/14/2012										80							
DSC-TT4		3/1/2012										1000							
DSC-TT4	FIELD	3/1/2012											>1000					8.11	2130
DSC-TT4		3/5/2012										96							
DSC-TT4	FIELD	3/5/2012											151 / 155					7.57	396
DSC-TT4		3/13/2012										470							
DSC-TT4	FIELD	3/13/2012											982					7.81	1890
DSC-TT4		3/16/2012										460							
DSC-TT4	FIELD	3/16/2012											654 / 630					7.23	247
DSC-TT4		3/21/2012										50							
DSC-TT4	FIELD	3/21/2012											45.3 / 47.6					7.58	171.2
DSC-TT4		3/28/2012										320							
DSC-TT4	FIELD	3/28/2012											900					8.22	745
DSC-TT5		3/2/2012										770							
DSC-TT5	FIELD	3/2/2012											>1000					8.27	362
DSC-TT5		3/5/2012										650							
DSC-TT5	FIELD	3/5/2012											705 / 701					7.9	104.3
DSC-TT5		3/13/2012										33							
DSC-TT5	FIELD	3/13/2012											98.6					8.36	118.3
DSC-TT5		3/16/2012										280							
DSC-TT5	FIELD	3/16/2012											264 / 242					7.31	95.3
DSC-TT5		3/28/2012										390							
DSC-TT5	FIELD	3/28/2012											272					8.26	107.7

Notes:
U = not detected at concentration indicated
J = estimated value due to precision issue
Field parameters were not collected prior to 3/1/12 event.

Tributary Level Laboratory Analytical Data

StationName	Sample Type	Sample Collection Date	Ammonia as N µg/L	Dissolved Phosphorus µg/L	Nitrate and Nitrite as N µg/L	Ortho-phosphate µg/L	Total Kjeldahl Nitrogen (TKN) µg/L	Total Nitrogen as N µg/L	Total Phosphorus µg/L	Total Suspended Solids mg/L	Turbidity NTU
Water Year 2011											
DST-MC1		12/14/2010	5	34	205	18	999	1204	186	82.24	37.2
DST-MC1		12/14/2010	5	34	205	18	999	1204	186	82.24	37.2
DST-MC1		12/18/2010	3	41	215	28	534	749	103	28	15.5
DST-MC1		12/18/2010	3	41	215	28	534	749	103	28	15.5
DST-MC1		3/15/2011	4	24	88	18	376	464	94	37	19.3
DST-MC1		3/15/2011	4	24	88	18	376	464	94	37	19.3
DST-MC1		4/1/2011	3	21	15	12	231	246	45	12	6.75
DST-MC1		4/1/2011	3	21	15	12	231	246	45	12	6.75
DST-MC1		5/5/2011	1	26	4	19	219	223	47	6	7.25
DST-MC1		5/5/2011	1	26	4	19	219	223	47	6	7.25
DST-MC1		6/6/2011	5	33	10	22	274	284	67	16.5	11.2
DST-MC1		6/6/2011	5	33	10	22	274	284	67	16.5	11.2
DST-MC1		6/29/2011	4	33	7	20	275	282	51	4.8	3.2
DST-MC1		6/29/2011	4	33	7	20	275	282	51	4.8	3.2
DST-MC2		12/14/2010	3	32	7	14	319	326	63	19.23	11.2
DST-MC2		12/14/2010	3	32	7	14	319	326	63	19.23	11.2
DST-MC2		12/18/2010	4	33	13	13	233	246	50	12	11.2
DST-MC2		12/18/2010	4	33	13	13	233	246	50	12	11.2
DST-MC2		3/15/2011	4	27	48	23	475	523	83	32	14.5
DST-MC2		3/15/2011	4	27	48	23	475	523	83	32	14.5
DST-MC2		4/1/2011	2	25	6	14	202	208	48	12.67	9.95
DST-MC2		4/1/2011	2	25	6	14	202	208	48	12.67	9.95
DST-MC2		5/5/2011	1	72	6	61	446	452	152	34	18
DST-MC2		5/5/2011	1	72	6	61	446	452	152	34	18
DST-MC2		6/6/2011	4	30	8	17	192	200	50	13	10.3
DST-MC2		6/6/2011	4	30	8	17	192	200	50	13	10.3
DST-MC2		6/29/2011	3	33	2	22	309	311	56	11.2	6.5
DST-MC2		6/29/2011	3	33	2	22	309	311	56	11.2	6.5
DST-MC3		12/14/2010	10	52	29	34	872	901	154	60	27.25
DST-MC3		12/14/2010	10	52	29	34	872	901	154	60	27.25
DST-MC3		12/18/2010	4	44	42	27	383	425	76	21	12.45
DST-MC3		12/18/2010	4	44	42	27	383	425	76	21	12.45
DST-MC3		3/15/2011	6	33	48	26	377	425	100	25.61	12.4
DST-MC3		3/15/2011	6	33	48	26	377	425	100	25.61	12.4
DST-MC3		4/1/2011	2	27	3	18	220	223	58	12.67	9.5
DST-MC3		4/1/2011	2	27	3	18	220	223	58	12.67	9.5
DST-MC3		5/5/2011	2	35	5	28	218	223	68	14	10.25
DST-MC3		5/5/2011	2	35	5	28	218	223	68	14	10.25
DST-MC3		6/6/2011	5	35	7	24	302	309	73	13.5	14.6
DST-MC3		6/6/2011	5	35	7	24	302	309	73	13.5	14.6
DST-MC3		6/29/2011	2	40	3	31	337	340	68	8.4	7.75
DST-MC3		6/29/2011	2	40	3	31	337	340	68	8.4	7.75
DST-MC4		12/14/2010	5	48	133	31	651	784	127	35.19	22.2
DST-MC4		12/14/2010	5	48	133	31	651	784	127	35.19	22.2
DST-MC4		12/18/2010	3	31	83	20	394	477	64	14	8.75
DST-MC4		12/18/2010	3	31	83	20	394	477	64	14	8.75
DST-MC4		3/15/2011	3	23	102	16	296	398	64	24	10.1
DST-MC4		3/15/2011	3	23	102	16	296	398	64	24	10.1
DST-MC4		4/1/2011	1	18	37	9	241	278	47	11	6.25
DST-MC4		4/1/2011	1	18	37	9	241	278	47	11	6.25
DST-MC4		5/5/2011	1	17	16	4	333	349	52	16	5.5
DST-MC4		5/5/2011	1	17	16	4	333	349	52	16	5.5
DST-MC4		6/6/2011	4	23	61	11	329	390	59	14.5	10.1
DST-MC4		6/6/2011	4	23	61	11	329	390	59	14.5	10.1
DST-MC4		6/29/2011	1	18	80	12	391	471	50	8.4	1.85
DST-MC4		6/29/2011	1	18	80	12	391	471	50	8.4	1.85
DST-MC5		12/14/2010	4	41	99	21	515	614	114	37.5	23.5
DST-MC5		12/14/2010	4	41	99	21	515	614	114	37.5	23.5
DST-MC5		12/18/2010	3	43	196	32	503	699	96	22	12.5
DST-MC5		12/18/2010	3	43	196	32	503	699	96	22	12.5
DST-MC5		3/15/2011	3	28	90	20	305	395	57	17.07	9.95
DST-MC5	DUP	3/15/2011	3	27	87	20	301	388	57	17.07	9.9
DST-MC5	TRIPLICATE	3/15/2011	4	28	89	20	310	399	59	17.5	10
DST-MC5		3/15/2011	3	28	90	20	305	395	57	17.07	9.95
DST-MC5	DUP	3/15/2011	3	27	87	20	301	388	57	17.07	9.9
DST-MC5	TRIPLICATE	3/15/2011	4	28	89	20	310	399	59	17.5	10
DST-MC5		4/1/2011	1	21	15	12	174	189	35	4.5	3.1
DST-MC5		4/1/2011	1	21	15	12	174	189	35	4.5	3.1
DST-MC5		5/5/2011	3	22	5	16	149	154	35	3.5	4.1
DST-MC5		5/5/2011	3	22	5	16	149	154	35	3.5	4.1
DST-MC5		6/6/2011	3	33	9	18	245	254	48	6.5	7.5
DST-MC5		6/6/2011	3	33	9	18	245	254	48	6.5	7.5
DST-MC5		6/29/2011	2	31	7	21	243	250	48	4.4	3.1
DST-MC5		6/29/2011	2	31	7	21	243	250	48	4.4	3.1
DST-MC6		12/14/2010	6	31	246	10	645	891	104	33.85	25.25
DST-MC6		12/14/2010	6	31	246	10	645	891	104	33.85	25.25

StationName	Sample Type	Sample Collection Date	Ammonia as N µg/L	Dissolved Phosphorus µg/L	Nitrate and Nitrite as N µg/L	Ortho-phosphate µg/L	Total Kjeldahl Nitrogen (TKN) µg/L	Total Nitrogen as N µg/L	Total Phosphorus µg/L	Total Suspended Solids mg/L	Turbidity NTU
DST-MC6		12/18/2010	5	30	268	15	426	694	59	12	10.75
DST-MC6		12/18/2010	5	30	268	15	426	694	59	12	10.75
DST-MC6		3/15/2011	3	13	126	8	281	407	42	14.63	7.5
DST-MC6		3/15/2011	3	13	126	8	281	407	42	14.63	7.5
DST-MC6		4/1/2011	6	14	16	5	188	204	34	5.2	3.5
DST-MC6		4/1/2011	6	14	16	5	188	204	34	5.2	3.5
DST-MC6		5/5/2011	4	25	4	9	403	407	40	2.5	3.25
DST-MC6		5/5/2011	4	25	4	9	403	407	40	2.5	3.25
DST-MC6		6/6/2011	3	31	7	19	445	452	76	16.5	9.95
DST-MC6		6/6/2011	3	31	7	19	445	452	76	16.5	9.95
DST-MC6		6/29/2011	2	30	2	21	717	719	93	11.6	6.5
DST-MC6		6/29/2011	2	30	2	21	717	719	93	11.6	6.5
Water Year 2012											
DST-MC1		1/21/2012	6	153	435	121	1152	1587	244	30.56	13.45
DST-MC1		3/14/2012	2	39	18	27	574	592	66	15.33	5.75
DST-MC1		3/16/2012		33						24	15.4
DST-MC1		3/21/2012	5	33	25	14	486	511	49	6	4.75
DST-MC1		4/20/2012	5	32	7	11	222	229	44	5.6	3.5
DST-MC1		4/23/2012		33						8	5.25
DST-MC1		4/26/2012	3	36	25	14	451	476	57	16.4	7.6
DST-MC2		1/21/2012	4	65	183	45	443	626	101	13.33	10.5
DST-MC2		3/14/2012	1	34	2	22	572	574	57	3.6	2.1
DST-MC2		3/16/2012	2	37	14	16	658	672	60	10.89	5.15
DST-MC2		3/21/2012	2	30	4	12	215	219	44	5.5	2.25
DST-MC2		4/20/2012	6	45	3	13	237	240	55	7.2	4.25
DST-MC2		4/23/2012	4	28	3	12	475	478	45	8.5	5.15
DST-MC2		4/26/2012	3	37	6	16	753	759	82	46.5	9.95
DST-MC3		1/21/2012	3	200	302	181	968	1270	255	20	10.45
DST-MC3		3/14/2012	2	28	2	20	602	604	55	6.67	2.75
DST-MC3		3/16/2012	3	36	41	22	558	599	78	16	8.05
DST-MC3		3/21/2012	5	32	4	16	432	436	47	4	2.05
DST-MC3		4/20/2012	4	62	1	17	211	212	77	4.4	1.75
DST-MC3		4/23/2012	3	31	2	13	230	232	54	6.5	3.5
DST-MC3		4/26/2012	7	44	3	21	347	350	61	9	7.25
DST-MC4		1/21/2012	6	108	661	67	682	1343	142	16.22	10.25
DST-MC4		3/14/2012	6	37	45	26	678	723	90	28.67	8.2
DST-MC4		3/16/2012	15	18	242	7	542	784	68	17	7.65
DST-MC4		3/21/2012	6	24	78	11	283	361	41	8.5	3.55
DST-MC4		4/20/2012	5	31	109	6	286	395	47	7.2	3.75
DST-MC4		4/23/2012	5	23	100	8	765	865	98	38.5	10.1
DST-MC4		4/26/2012	4	100	102	62	402	504	143	18	7.8
DST-MC5		1/21/2012	6	167	361	138	1189	1550	214	19.44	10.65
DST-MC5		3/14/2012	2	58	5	49	633	638	89	14	5.5
DST-MC5		3/16/2012	2	43	86	31	660	746	103	29.41	9.9
DST-MC5	DUP	3/16/2012	1	43	85	31	654	739	102	29	9.95
DST-MC5	TRIPLICATE	3/16/2012	1	45	85	30	658	743	101	29	9.95
DST-MC5		3/21/2012	8	34	37	21	342	379	58	7.66	5.15
DST-MC5		4/20/2012	6	37	20	16	193	213	53	6.4	3.25
DST-MC5		4/23/2012	5	27	53	12	257	310	77	10.5	6.1
DST-MC5		4/26/2012	4	603	48	222	535	583	665	24.5	8.5
DST-MC6		1/21/2012	179	112	419	78	1845	2264	122	8.33	2.25
DST-MC6		3/14/2012	3	54	58	25	490	548	68	7.2	2.5
DST-MC6		3/16/2012	3	40	197	14	544	741	78	14	8
DST-MC6		3/21/2012	5	27	36	11	588	624	42	6.5	4.3
DST-MC6		4/20/2012	5	32	3	9	507	510	52	4	1.8
DST-MC6		4/23/2012	3	25	4	8	669	673	45	8	2.5
DST-MC6		4/26/2012	5	38	4	9	600	604	50	4.95	2.35