

CHEMICAL DATA - Analytes tested for in a lab, 2011 - MVTL, New Ulm

RR1 - Primary Lower Redwood River at Redwood CR17 near Redwood Falls

STORET CODE - S001-679

FLOW TYPE	SAMP TYPE	DATE	TIME	FLOW (ft ³ /sec)	LAB SAMPLE ID #	TSS MG/L	TSVS MG/L	TKN MG/L	N-	P-PO4 MG/L	TP MG/L	TURBIDITY NTU
									NO2+NO3 MG/L			
Base	Grab	1/27/2011	12:30		11-A3500	5	4	1.4	6.93	0.248^	0.287^	5.4
Base	Grab	2/27/2011	10:35		11-A7168	15	3	1.7	8.93	0.242^	0.309^	6.5
Snowmelt	Grab	3/18/2011	9:40		11-A9828	75	18	2.0	9.30	0.228^	0.386	35
Snowmelt	Grab	3/20/2011	13:40		11-A9956	106	17	1.6	8.86	0.204	0.381	52
Snowmelt	Grab	3/21/2011	9:20		11-A9959	91	15	2.3	8.71	0.269	0.384	36
Snowmelt	Grab	3/22/2011	9:25		11-A10342	90	15	2.2	6.83	0.268	0.434	48
Snowmelt	Dup	3/22/2011	9:26		11-A10340	86	16		6.82	0.258	0.448	47
Snowmelt	Grab	3/25/2011	9:10		11-A10986	60	12	2.4	6.13	0.264	0.405	61
Snowmelt	Grab	3/29/2011	9:25		11-A11652	51	12	2.2	7.15	0.217	0.357	43
Base	Grab	4/8/2011	7:10		11-A13700	30	7	1.6	6.99	0.118	0.223	27
Base	Grab	4/29/2011	7:15		11-A18122	59	11	1.6	6.35	0.038	0.130	33
Base	Dup	4/29/2011	7:16		11-A18117	57	11		6.42	0.038	0.138	35
Base	Grab	5/12/2011	9:30		11-A20767	45	9	1.1	6.52	0.024	0.189^	23
Storm Flow	Grab	5/23/2011	9:05		11-A22722	109	16	2.3	9.67	0.082	0.266^	61
Base	Grab	6/9/2011	9:40		11-A26222	84	16	1.8	6.88	0.130	0.280^	49
Base	Grab	6/14/2011	9:15		11-A26971	69	12	1.6	7.29	0.135	0.304^	44
Storm Flow	Grab	6/22/2011	9:35		11-A28747	187	27	1.7	10.7	0.232^	0.582^	120
Base	Grab	7/12/2011	9:35		11-A33154	104	19		7.51	0.127	0.303^	63
Base	Grab	7/29/2011	7:40		11-A36983	105	18	1.4	4.2	0.197*	0.321	69
Base	Dup	7/29/2011	7:41		11-A36978	109	18		4.18	0.176*	0.328	70
Base	Grab	8/9/2011	9:40		11-A38696	62	15	1.4	2.02	0.117	0.296	45
Base	Grab	8/22/2011	9:25		11-A41287	32	13	2.1	1.07	0.006	0.148	21
Base	Grab	9/8/2011	9:20		11-A44570	110	34	2.9	<0.2	0.007	0.331	69
Base	Dup	9/8/2011	9:21		11-A44565	112	36		<0.2	0.006	0.238	71
Base	Grab	9/29/2011	9:15		11-A48260	88	23	2.4	1.43	0.288^	0.796	72

^ Sample Diluted due to result above calibration or linear range * Sample Exceeded Holding Time

CHEMICAL DATA - Analytes tested for in a lab, 2011 - MVTL, New Ulm

CC3 - Clear Creek in Seaforth

STORET CODE - S002-311

FLOW TYPE	SAMP TYPE	DATE	TIME	FLOW (ft ³ /sec)	LAB SAMPLE ID #	TSS MG/L	TSVS MG/L	TKN MG/L	N-NO2+NO3 MG/L	P-PO4 MG/L	TP MG/L	TURBIDITY NTU
Snowmelt	Grab	3/18/2011	10:05		11-A9834	68	14		12.40	0.193*	0.322	25
Snowmelt	Grab	3/20/2011	14:10		11-A9951	122	18		12.7	0.234	0.368	48
Snowmelt	Grab	3/22/2011	10:00		11-A10337	56	8		11.40	0.295	0.451	44
Snowmelt	Grab	3/25/2011	9:40		11-A10985	56	12		10.30	0.329	0.475	44
Snowmelt	Grab	3/29/2011	9:50		11-A11646	64	12		11.40	0.341	0.458	33
Base	Grab	4/8/2011	7:40		11-A13697	46	12		11.60	0.123	0.246	26
Base	Grab	4/29/2011	7:40		11-A18114	30	9		12.70	0.044	0.108	15
Base	Grab	5/12/2011	10:00		11-A20763	25	7		13.50	0.011	0.090	13
Storm Flow	Grab	5/23/2011	9:40		11-A22719	64	14		16.50	0.106	0.227^	36
Base	Grab	6/14/2011	10:05		11-A26968	15	6		13.90	0.030	0.069	7.6
Base	Grab	7/12/2011	9:55		11-A33151	24	7		14.20	0.072	0.144	11
Base	Grab	7/29/2011	8:10		11-A36975	19	4		7.73	0.058*	0.116	12
Base	Grab	8/9/2011	10:10		11-A38699	24	8		3.04	0.029	0.113	15
Base	Grab	8/22/2011	9:50		11-A41280	75	32		<0.2	<0.005	0.240^	38
Base	Grab	9/8/2011	9:45		11-A44562	69	24		0.24	0.006	0.182	47
Base	Grab	9/29/2011	9:40		11-A48257	22	7		0.66	0.008	0.062	20

^ Sample Diluted due to result above calibration or linear range * Sample Exceeded Holding Time

CHEMICAL DATA - Analytes tested for in a lab, 2011 - MVTL, New Ulm

TC4A - Three Mile Creek near Green Valley

STORET CODE - S002-313

FLOW TYPE	SAMP TYPE	DATE	TIME	FLOW (ft ³ /sec)	LAB SAMPLE ID #	TSS MG/L	TSVS MG/L	TKN MG/L	N-NO2+NO3 MG/L	P-PO4 MG/L	TP MG/L	TURBIDITY NTU
Snowmelt	Grab	3/21/2011	12:00		11-A10341	41	8		6.17	0.267	0.406	32
Snowmelt	Grab	3/22/2011	10:40		11-A10338	84	17		6.32	0.330	0.532	62
Snowmelt	Grab	3/29/2011	10:40		11-A11647	57	12		8.47	0.184	0.307	39
Base	Grab	4/8/2011	8:25		11-A13698	51	12		7.90	0.066	0.170	34
Base	Grab	4/29/2011	8:30		11-A18115	29	8		7.97	0.014	0.057	15
Base	Grab	5/12/2011	10:45		11-A20764	27	8		7.42	0.006	0.064	12
Storm Flow	Grab	5/23/2011	10:25		11-A22720	87	13		10.10	0.070	0.199	46
Base	Grab	6/14/2011	10:50		11-A26969	77	13		8.33	0.047	0.146	43
Storm Flow	Grab	7/12/2011	10:40		11-A33152	112	23		7.55	0.071	0.255^	67
Base	Grab	7/29/2011	8:55		11-A36976	74	16		4.10	0.067*	0.154	47
Base	Grab	8/9/2011	10:50		11-A38700	49	12		1.80	0.012	0.132	41
Base	Grab	8/22/2011	10:35		11-A41281	45	12		0.28	0.006	0.107	36
Base	Grab	9/8/2011	10:30		11-A44563	79	19		0.91	0.016	0.157	63
Base	Grab	9/29/2011	10:25		11-A48258	46	11		0.78	0.014	0.101	43

^ Sample Diluted due to result above calibration or linear range * Sample Exceeded Holding Time

CHEMICAL DATA - Analytes tested for in a lab, 2011 - MVTL, New Ulm

RRUS - Redwood River at Russell

STORET CODE - S000-696

FLOW TYPE	SAMP TYPE	DATE	TIME	FLOW (ft ³ /sec)	LAB SAMPLE ID #	TSS MG/L	TSVS MG/L	TKN MG/L	N-NO2+NO3 MG/L	P-PO4 MG/L	TP MG/L	TURB NTU
Snowmelt	Grab	3/20/2011	15:15		11-A9952	344	44		3.91	0.166	0.535	200
Snowmelt	Grab	3/22/2011	11:55		11-A10339	229	29		3.99	0.188	0.602	160
Snowmelt	Grab	3/29/2011	14:05		11-A11648	93	14		4.70	0.143	0.287	55
Base	Grab	4/8/2011	9:25		11-A13699	50	10		4.28	0.069	0.800	31
Base	Grab	4/29/2011	9:15		11-A18116	37	9		3.48	<0.005	0.064	15
Base	Grab	5/12/2011	11:40		11-A20765	31	9		2.68	0.007	0.073	20
Storm Flow	Grab	5/23/2011	11:10		11-A22721	80	17		5.71	0.074	0.159	46
Base	Grab	6/14/2011	11:40		11-A26970	34	6		3.17	0.046	0.121	18
Storm Flow	Grab	7/12/2011	11:20		11-A33153	106	19		4.05	0.108	0.280^	64
Base	Grab	7/29/2011	9:35		11-A36977	53	11		2.36	0.098*	0.210	32
Base	Grab	8/9/2011	11:35		11-A38701	23	9		1.43	0.082	0.184	17
Base	Grab	8/22/2011	11:25		11-A41282	11	5		0.40	0.052	0.122	8.2
Base	Grab	9/8/2011	11:15		11-A44564	10	5		<0.2	0.048	0.134	9.9
Base	Grab	9/29/2011	11:10		11-A48259	17	6		<0.2	0.023	0.084	10

^ Sample Diluted due to result above calibration or linear range * Sample Exceeded Holding Time