

CHEMICAL DATA - Analytes tested for in a lab, 2018 - MVTL, New Ulm

LRO101 - Redwood River@CR101/River Rd., 1 mi N of RWF

STORET CODE - S000-299 2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)

Program	DATE	FLOW TIME (ft ³ /sec)	SAMP TYPE	LAB SAMPLE ID #	TSS MG/L	TP MG/L	Ammonia-N MG/L	N-NO2+NO3 MG/L	Chloride MG/L	Hardness as CaCO3 MG/L	Calcium MG/L	Magnesium MG/L	Chlorophyl-a MG/L	Pheophytin MG/L	E COLI /100ML
SWAG	6/8/2018		10:05	Grab	18-A28482	0.229							12.5	4.20	197.0
SWAG	6/25/2018		10:15	Grab	18-A31693	0.282							6.8	<1	617.0
SWAG	7/9/2018		10:30	Grab	18-A34487	0.328							4.5	1.02	13.4
SWAG	7/30/2018		10:45	Grab	18-A39420	0.296							6.9	<1	52.0
SWAG	8/9/2018		9:55	Grab	18-A41561	0.277							12.9	<1	161.0
SWAG	8/23/2018		10:40	Grab	18-A44209	0.266							10.7	4.74	106.0
SWAG	9/6/2018		10:35	Grab	18-A46453	0.253							27.2	5.60	

CHEMICAL DATA - Analytes tested for in a lab, 2018 - MVTL, New Ulm**TC4A - Threemile Creek@CR67/270th Ave., 6 mi N of Marshall****STORET CODE - S002-313 2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Program	DATE	FLOW TIME (ft ³ /sec)	SAMP TYPE	LAB SAMPLE ID #	TSS MG/L	TP MG/L	Ammonia-N MG/L	N-NO2+NO3 MG/L	Chloride MG/L	Hardness as CaCO3 MG/L	Calcium MG/L	Magnesium MG/L	Chlorophyl-a MG/L	Pheophytin MG/L	E COLI /100ML
SWAG	6/12/2018		10:25	Grab	18-A29038		0.199						4.8	4.40	1401.0
SWAG	6/26/2018		10:05	Grab	18-A31992		0.238						4.6	1.03	2613.0
SWAG	7/12/2018		10:05	Grab	18-A35599		0.345						5.7	<1	259.0
SWAG	7/24/2018		9:55	Grab	18-A37854		0.389						2.3	2.53	487.0
SWAG	8/14/2018		9:50	Grab	18-A42329		0.141						9.8	<1	175.0
SWAG	8/29/2018		9:45	Grab	18-A45072		0.117						6.8	1.13	428.0
SWAG	9/11/2018		10:05	Grab	18-A47276		0.110						11.7	<1	

CHEMICAL DATA - Analytes tested for in a lab, 2018 - MVTL, New Ulm**NMRR2 - Redwood River, 0.5 mi North of Marshall on 300th Ave.****STORET CODE - S001-203 2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Program	DATE	FLOW TIME (ft ³ /sec)	SAMP TYPE	LAB SAMPLE ID #	TSS MG/L	TP MG/L	Ammonia-N MG/L	N-NO2+NO3 MG/L	Chloride MG/L	Hardness as CaCO3 MG/L	Calcium MG/L	Magnesium MG/L	Chlorophyl-a MG/L	Pheophytin MG/L	E COLI /100ML
SWAG	6/12/2018		10:50	Grab	18-A29039		0.339						4.6	<1	388.0
SWAG	6/26/2018		10:25	Grab	18-A31993		0.406						7.0	<1	341.0
SWAG	7/12/2018		10:25	Grab	18-A35600		0.345						4.6	<1	120.0
SWAG	7/24/2018		10:15	Grab	18-A37855		0.319						3.4	2.99	158.0
SWAG	8/14/2018		10:15	Grab	18-A42330		0.274						15.7	4.27	591.0
SWAG	8/29/2018		10:10	Grab	18-A45073		0.245						14.0	6.65	309.0
SWAG	9/11/2018		10:30	Grab	18-A47277		0.421						13.6	3.06	

CHEMICAL DATA - Analytes tested for in a lab, 2018 - MVTL, New Ulm

JD1223 - Judicial Ditch #12 / Tyler Creek @ 125th Ave., .75 mi N of Florence

STORET CODE - S014-261 2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)

Program	DATE	FLOW (ft ³ /sec)	TIME	SAMP TYPE	LAB SAMPLE ID #	TSS MG/L	TP MG/L	Ammonia-N MG/L	N-NO2+NO3 MG/L	Chloride MG/L	Hardness as CaCO3 MG/L	Calcium MG/L	Magnesium MG/L	Chlorophyl-a MG/L	Pheophytin MG/L	E COLI /100ML
SWAG	6/12/2018		12:15	Grab	18-A29042											613.0
GAP	6/12/2018		12:15	Grab	18-A29048	14	0.203							5.9	<1	
SWAG	6/26/2018		12:05	Grab	18-A31996											613.0
GAP	6/26/2018		12:05	Grab	18-A31988	24										
SWAG	7/12/2018		12:05	Grab	18-A35603											428.0
GAP	7/12/2018		12:05	Grab	18-A35609	67	0.296							3.4	<1	
SWAG	7/24/2018		11:40	Grab	18-A37858											767.0
GAP	7/24/2018		11:40	Grab	18-A37850	55										
SWAG	8/14/2018		11:55	Grab	18-A42333											2603.0
GAP	8/14/2018		11:55	Grab	18-A42339	18	0.176							15.0	1.50	
SWAG	8/29/2018		11:45	Grab	18-A45076											1246.0
GAP	8/29/2018		11:45	Grab	18-A45082	35										
GAP	9/11/2018		12:00	Grab	18-A47282	25	0.138							6.1	1.36	

^ = Sample diluted due to result above calibration of linear range

* = Holding time exceeded