

**FIELD DATA - Measurements taken on site, 2018****PLC001 - Primary Lower Cottonwood River near New Ulm - Non-impacted stream/Wester****STORET CODE - S001-918**      **2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Program	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
SWAG	6/8/2018		14:00	21.2	8.23	8.55	3	880
SWAG	6/25/2018		14:00	21.7	7.47	8.46	7	743
SWAG	7/9/2018		14:55	27.1	6.30		6	633
SWAG	7/30/2018		15:30	23.9	8.30		14	950
SWAG	8/9/2018		13:50	26.1	8.11		10	896
SWAG	8/23/2018		14:25	22.2	13.82		33	852
SWAG	9/10/2018		13:15	20.2	9.63		20	1070

**FIELD DATA - Measurements taken on site, 2018****JD301 - JD30 @ 260th Ave., 1 mi SE of Sleepy Eye****STORET CODE - S009-438**      **2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Program	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
SWAG	6/8/2018		13:15	18.2	7.72	7.73	3	
SWAG	6/25/2018		13:25	18.4	7.21	7.90	8	500
SWAG	7/9/2018		14:10	25.3	7.68		16	921
SWAG	7/30/2018		14:40	23.2	9.14		84	951
SWAG	8/9/2018		13:15	25.8	9.49		>100	972
SWAG	8/23/2018		13:45	20.9	12.08		>100	1094
SWAG	9/10/2018		12:35	18.9	9.71		>100	983

**FIELD DATA - Measurements taken on site, 2018****PLS005 - Primary Lower Sleepy Eye Creek near Cobden - Non-impacted stream/Western****STORET CODE - S001-919      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Program	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
SWAG	6/8/2018		12:30	18.2	8.14	8.14	3	729
SWAG	6/25/2018		12:45	17.3	8.21	8.17	22	991
SWAG	7/9/2018		13:35	26.0	5.31		25	550
SWAG	7/30/2018		13:40	22.6	7.80		33	955
SWAG	8/9/2018		12:35	24.1	7.68		28	957
SWAG	8/23/2018		13:15	20.3	9.42		68	988

**FIELD DATA - Measurements taken on site, 2018****PLC010 - Primary Lower Cottonwood River near Leavenworth - Non-impacted stream/W****STORET CODE - S001-920      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Program	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
SWAG	6/8/2018		12:05	20.1	7.89	8.46	9	936
SWAG	6/25/2018		12:25	21.3	7.10	8.32	16	800
SWAG	7/9/2018		13:05	27.0	6.35		17	715
SWAG	7/30/2018		13:10	22.8	7.56		14	1037
SWAG	8/9/2018		12:15	24.5	7.29		10	946
SWAG	8/23/2018		12:50	20.5	10.15		59	929
SWAG	9/10/2018		12:00	19.1	8.97		25	1068

**FIELD DATA - Measurements taken on site, 2018****CMC001 - Coal Mine Creek@180th St. W, 2 mi SW of Springfield****STORET CODE - S009-439      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

<b>Program</b>	<b>Date</b>	<b>FLOW</b>	<b>Time</b>	<b>Temp ©</b>	<b>DO</b>	<b>pH</b>	<b>TT 1</b>	<b>Conductivity</b>
SWAG	6/7/2018		14:10	19.7	8.43	8.34	30	892
SWAG	6/28/2018		12:50	22.5	6.27		>100	824
SWAG	7/11/2018		13:45	24.9	6.37		55	856
SWAG	7/27/2018		12:55	19.5	7.69		50	890
SWAG	8/13/2018		13:35	26.2	7.68		41	836
SWAG	8/27/2018		12:55	24.7	8.28		26	728

**FIELD DATA - Measurements taken on site, 2018****MC010 - Mound Creek@Upstream of CSAH 2, 5 mi. SW of Springfield****STORET CODE - S005-690      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

<b>Program</b>	<b>Date</b>	<b>FLOW</b>	<b>Time</b>	<b>Temp ©</b>	<b>DO</b>	<b>pH</b>	<b>TT 1</b>	<b>Conductivity</b>
SWAG	6/7/2018		13:45	20.5	8.14	8.39	17	825
SWAG	6/28/2018		12:25	21.9	7.31		17	751
SWAG	7/11/2018		13:20	24.8	7.33		11	807
SWAG	7/27/2018		12:35	19.6	8.53		29	833
SWAG	8/13/2018		13:15	25.7	10.78		57	752
SWAG	8/27/2018		12:35	24.6	9.03		57	776

**FIELD DATA - Measurements taken on site, 2018****DC010 - Dry Creek@ CR 41/100th st., 1 mi SW of Sanborn****STORET CODE - S009-442      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

<b>Program</b>	<b>Date</b>	<b>FLOW</b>	<b>Time</b>	<b>Temp ©</b>	<b>DO</b>	<b>pH</b>	<b>TT 1</b>	<b>Conductivity</b>
SWAG	6/7/2018		13:20	19.6	9.05	8.57	59	1045
SWAG	6/28/2018		12:05	19.7	7.97		13	930
SWAG	7/11/2018		12:55	23.6	7.71		18	1068
SWAG	7/27/2018		12:15	18.2	8.73		29	1102
SWAG	8/13/2018		12:50	23.6	9.20		80	1000
SWAG	8/27/2018		12:15	22.8	8.70		>100	970
SWAG	9/13/2018		12:40	19.8	9.49		90	960

**FIELD DATA - Measurements taken on site, 2018****HWC001 - Highwater Creek@ TWP Rd 98, 1 mi SE of Lamberton****STORET CODE - S009-443      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

<b>Program</b>	<b>Date</b>	<b>FLOW</b>	<b>Time</b>	<b>Temp ©</b>	<b>DO</b>	<b>pH</b>	<b>TT 1</b>	<b>Conductivity</b>
SWAG	6/7/2018		12:55	20.4	8.61	8.59	25	929
SWAG	6/28/2018		11:45	21.2	7.80		11	775
SWAG	7/11/2018		12:30	23.7	7.65		13	800
SWAG	7/27/2018		11:55	18.9	8.65		16	924
SWAG	8/13/2018		12:30	24.5	8.42		20	924
SWAG	8/27/2018		11:55	23.7	8.73		59	862
SWAG	9/13/2018		12:15	20.6	8.65		54	828

**FIELD DATA - Measurements taken on site, 2018****DCC015 - Dutch Charlie Creek@ CSAH 15, 2 mi SE of Lambertton****STORET CODE - S001-915      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

<b>Program</b>	<b>Date</b>	<b>FLOW</b>	<b>Time</b>	<b>Temp ©</b>	<b>DO</b>	<b>pH</b>	<b>TT 1</b>	<b>Conductivity</b>
SWAG	6/7/2018		12:30	20.4	8.67	8.57	20	1034
SWAG	6/28/2018		11:20	21.6	7.57	9.20	10	816
SWAG	7/11/2018		12:05	24.8	7.30		11	842
SWAG	7/27/2018		11:30	18.8	8.54		16	979
SWAG	8/13/2018		12:05	24.1	8.19		20	1032
SWAG	8/27/2018		11:30	23.3	9.22		74	970
SWAG	9/13/2018		11:55	21.0	8.60		49	1036

**FIELD DATA - Measurements taken on site, 2018****PMC020 - Cottonwood River@ US Hwy 14, 2 mi E of Lambertton****STORET CODE - S002-247      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

<b>Flow Type</b>	<b>Date</b>	<b>FLOW</b>	<b>Time</b>	<b>Temp ©</b>	<b>DO</b>	<b>pH</b>	<b>TT 1</b>	<b>Conductivity</b>
SWAG	6/7/2018		12:05	22.4	7.82	8.45	22	1276
SWAG	6/28/2018		11:00	22.2	7.43	8.83	32	1141
SWAG	7/11/2018		11:40	25.4	5.70		39	868
SWAG	7/27/2018		11:15	19.6	7.30		14	1138
SWAG	8/13/2018		11:45	24.4	8.30		20	1172
SWAG	8/27/2018		11:05	24.0	7.62		35	1113
SWAG	9/13/2018		11:35	21.2	8.42		29	1232

**FIELD DATA - Measurements taken on site, 2018**

**PEC001 - Pell Creek@ TWP Rd 142, 4 mi NW of Lambertton**

**STORET CODE - S009-444      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

<b>Flow Type</b>	<b>Date</b>	<b>FLOW</b>	<b>Time</b>	<b>Temp ©</b>	<b>DO</b>	<b>pH</b>	<b>TT 1</b>	<b>Conductivity</b>
SWAG	6/7/2018		11:35	19.2	9.23	8.49	55	1479
SWAG	6/28/2018		10:40	18.4	8.17	9.01	16	1361
SWAG	7/11/2018		11:15	21.8	7.81		15	1264
SWAG	7/27/2018		10:55	17.3	8.77		37	1337
SWAG	8/13/2018		11:20	22.3	8.56		51	1337
SWAG	8/27/2018		10:45	23.2	9.00		>100	1227
SWAG	9/13/2018		11:05	20.4	9.36		>100	1181

**FIELD DATA - Measurements taken on site, 2018**

**TUP - Plum Creek@ CSAH 10, 4.75 mi NE of Walnut Grove**

**STORET CODE - S001-913      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

<b>Flow Type</b>	<b>Date</b>	<b>FLOW</b>	<b>Time</b>	<b>Temp ©</b>	<b>DO</b>	<b>pH</b>	<b>TT 1</b>	<b>Conductivity</b>
SWAG	6/7/2018		11:10	19.8	8.73	8.49	69	1118
SWAG	6/28/2018		10:15	19.6	7.89	8.75	13	994
SWAG	7/11/2018		10:55	23.3	7.09		12	733
SWAG	7/27/2018		10:30	18.7	8.02		19	935
SWAG	8/13/2018		10:55	23.1	7.62		37	1033
SWAG	8/27/2018		10:20	23.1	7.93		83	1014

**FIELD DATA - Measurements taken on site, 2018**

**LTC001 - Lone Tree Creek@ CR 5, 5 mi N of Walnut Grove**

**STORET CODE - S001-914      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
SWAG	6/7/2018		10:45	18.3	10.51	8.43	>100	1522
SWAG	6/28/2018		9:50	18.8	8.04	8.33	15	1447
SWAG	7/11/2018		10:20	22.6	6.98		16	1164
SWAG	7/27/2018		10:05	17.8	8.66		42	1399
SWAG	8/13/2018		10:30	23.9	7.37		39	1444
SWAG	8/27/2018		10:00	24.0	5.60		61	1329
SWAG	9/13/2018		10:30	20.4	8.37		54	1342

**FIELD DATA - Measurements taken on site, 2018**

**PMS050 - Sleepy Eye Creek@ Laser Ave., 4 mi NE of Wanda**

**STORET CODE - S009-441      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
SWAG	5/18/2018		12:20	18.4	13.45	8.55		1031
SWAG	6/12/2018		14:15	15.7	8.24	7.98	17	994
SWAG	6/26/2018		14:05	17.8	7.54	8.06	17	980
SWAG	7/12/2018		14:00	25.5	4.57		30	670
SWAG	7/24/2018		13:40	22.1	6.34		28	966
SWAG	8/14/2018		13:55	24.5	9.06		34	965
SWAG	8/29/2018		13:35	20.8	10.21		42	1002
SWAG	9/11/2018		14:00	23.3	12.49		54	1129

**FIELD DATA - Measurements taken on site, 2018****MDC001 - Mound Creek@CSAH11 Bridge, 8 mi N of Tracy****STORET CODE - S001-917      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
SWAG	5/17/2018		15:00	22.1	11.31	8.33		1290
SWAG	6/12/2018		13:35				23	
SWAG	6/26/2018		13:25	20.4	6.75	8.48	25	1321
SWAG	7/12/2018		13:15	26.3	5.90		25	1126
SWAG	7/24/2018		13:00	22.8	6.99		16	1274
SWAG	8/14/2018		13:10	24.5	8.97		57	1228
SWAG	8/22/2018		12:45	19.7	9.80			1164
SWAG	8/29/2018		12:55	18.7	9.51		32	1254
SWAG	9/11/2018		13:15	22.4	9.94		39	1418

**FIELD DATA - Measurements taken on site, 2018****PUC100 - Cottonwood River@CR11, 4 mi NE of Amiret****STORET CODE - S009-440      2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
SWAG	5/17/2018		14:50	20.4	9.46	8.61		1012
SWAG	6/12/2018		13:15				21	
SWAG	6/26/2018		13:05	21.0	7.72	8.95	13	893
SWAG	7/12/2018		13:00	26.7	6.86		12	788
SWAG	7/24/2018		12:40	22.4	7.58		10	961
SWAG	8/14/2018		12:50	23.3	7.90		31	1011
SWAG	8/22/2018		12:40	18.9	9.35			1023
SWAG	8/29/2018		12:35	18.3	9.13		20	1090
SWAG	9/11/2018		12:55	21.2	9.42		51	1164