FIELD DATA - Measurements taken on site, 2017

PLC001 - Primary Lower Cottonwood River near New Ulm

STORET CODE - S001-918 **2017 Wateryear (Oct 1, 2016 to Sept. 30, 2017)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
Base	1/30/2017		13:00	0.6	11.93	8.25	57	
Snowmelt	2/21/2017		14:40				10	
Base	3/9/2017		13:45	4.5	12.88	8.22	56	1175
Base	3/22/2017		13:50	4.0	12.98	8.54	62	1120
Base	4/13/2017		14:15	10.4	11.70	7.63	72	1135
Storm Event	4/17/2017		14:20	14.9	10.27	7.42	14	1140
Storm Event	4/21/2017		14:00	10.6	10.65	7.80	7	1150
Storm Event	4/24/2017		14:05	13.1	9.88	8.08	12	1290
Storm Event	5/3/2017		10:55	8.7	10.78	7.79	7	1100
Storm Event	5/4/2017		14:05				7	
Base	5/15/2017		12:25				24	
Storm Event	5/18/2017		15:20	15.4	8.80	7.62	4	955
Storm Event	5/23/2017		16:10					
Storm Event	5/30/2017		15:15				11	
Storm Event	6/14/2017		14:40	23.7	7.83	8.33	11	1120
Base	6/26/2017		15:15	21.2	8.94	8.29	17	1150
Base	7/12/2017		14:35	29.0	10.68	8.28	24	945
Base	7/25/2017		14:40	28.4	8.37	8.39	12	1015
Storm Event	8/17/2017		15:00	22.1	9.20	8.39	7	688
Storm Event	8/20/2017		12:00				11	
Storm Event	8/22/2017		14:55	22.5	8.31	8.19	10	1150
Base	8/31/2017		13:35	22.5	9.08	8.34	21	1222
Base	9/29/2017		11:40	16.4	10.59	8.46	32	925
Storm Event	10/3/2017		14:45	17	8.71	8.31	4	755
Storm Event	10/5/2017		13:20	14.4	8.41	7.96	5	640
Storm Event	10/9/2017		13:40	13.7	9.25	8.24	9	975
Base	10/31/2017		14:00				35	
Base	11/20/2017		11:30				76	
Base	12/20/2017		13:30	0.1		8.18	86	1050

Reporting timeframe has changed from the USGS Wateryear (Oct. 1 to Sept. 30)
To a calendar year system.

FIELD DATA - Measurements taken on site, 2017

PLS005 - Primary Lower Sleepy Eye Creek near Cobden

STORET CODE - S001-919 **2017 Wateryear (Oct 1, 2016 to Sept. 30, 2017)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
Snowmelt	2/21/2017		13:50				76	
Base	3/9/2017		12:55	3.0	14.35	8.93	>100	1169
Base	3/28/2017		15:00	10.7	14.52	8.39	>100	1184
Storm Event	4/15/2017		20:20				48	
Storm Event	4/17/2017		13:20	12.2	10.46	7.36	30	1283
Storm Event	4/20/2017		15:40	7.7	10.84	7.29	20	1151
Storm Event	4/24/2017		13:10	11.7	10.23	7.82	38	1238
Storm Event	5/2/2017		16:00	8.8	10.47	7.16	16	1100
Storm Event	5/4/2017		13:05	10.6	10.48	7.58	23	1136
Base	5/15/2017		11:45					
Storm Event	5/18/2017		14:15	12.6	8.49	7.45	4	1010
Storm Event	5/23/2017		15:00				30	
Storm Event	5/30/2017		14:20				32	
Base	6/14/2017		13:35	21.8	8.14	8.24	27	1109
Base	6/26/2017		13:45	19.1	9.51	8.33	35	1094
Base	7/12/2017		13:10	27.7	10.17	8.36	49	984
Base	7/25/2017		12:45	25.6	12.78	8.55	27	832
Storm Event	8/17/2017		13:55	21.1	9.70	8.31	35	665
Storm Event	8/18/2017		13:07				18	
Storm Event	8/23/2017		13:05	19.7	8.29	8.10	24	1194
Base	9/27/2017		14:35	16.6	9.61	8.30	>100	879
Storm Event	10/3/2017		13:50	15.4	7.29	7.64	7	580
Storm Event	10/4/2017		17:55	15.1	6.91	7.63	13	664
Storm Event	10/9/2017		12:50	13.3	8.70	7.95	36	1075
Base	10/31/2017		13:10				>100	

FIELD DATA - Measurements taken on site, 2017

PLC010 - Primary Lower Cottonwood River near Leavenworth

STORET CODE - S001-920 **2017 Wateryear (Oct 1, 2016 to Sept. 30, 2017)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
Snowmelt	2/21/2017		13:25				23	
Base	3/9/2017		12:25	4.3	12.64	8.44	51	1248
Base	3/28/2017		14:30	9.5	12.07	8.13	73	1282
Storm Event	4/15/2017		20:05				42	
Storm Event	4/17/2017		12:50	14.4	9.78	7.34	22	1282
Storm Event	4/21/2017		13:00	10.2	10.43	7.61	10	1288
Storm Event	4/24/2017		12:40	13.3	9.55	7.77	16	1352
Storm Event	5/2/2017		15:30	8.3	10.95	7.72	9	1128
Storm Event	5/3/2017		9:55	8.9	10.51	7.47	8	1168
Base	5/15/2017		11:20	17.8	8.21	7.74	23	1299
Storm Event	5/18/2017		13:50	15.7	8.49	7.82	14	1166
Storm Event	5/23/2017		14:40				14	
Storm Event	5/30/2017		14:00				18	
Storm Event	6/14/2017		12:55	22.4	7.53	8.23	8	1177
Base	6/26/2017		13:20	18.9	8.74	8.30	18	1248
Base	7/12/2017		12:25	26.9	10.54	8.39	29	1064
Base	7/25/2017		12:20	25.0	7.59	8.30	17	1151
Storm Event	8/17/2017		13:30	20.9	8.38	8.20	13	773
Storm Event	8/19/2017		17:10				9	
Storm Event	8/23/2017		12:35	21.3	7.99	8.16	11	1221
Base	9/27/2017		14:05	16.4	10.47	8.41	36	957
Storm Event	10/3/2017		13:25	15.7	8.42	8.09	6	766
Storm Event	10/4/2017		17:30	15.1	7.79	7.84	5	550
Storm Event	10/5/2017		12:15	14.4	8.17	7.94	9	690
Storm Event	10/9/2017		12:25	13.8	8.63	8.07	16	1000
Base	10/31/2017		12:45				35	