FIELD DATA - Measurements taken on site, 2016

PLC001 - Primary Lower Cottonwood River near New Ulm

STORET CODE - S001-918 **2016 Wateryear (Oct 1, 2015 to Sept. 30, 2016)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
Base	1/29/2016		12:30				83	
Snowmelt	2/26/2016		12:20				18	
Snowmelt	3/1/2016		13:50					
Snowmelt	3/7/2016		13:20				9	
Snowmelt	3/11/2016		14:40				12	
Base	3/22/2016		14:50	8.0	11.51	8.47	38	1100
Storm Event	3/28/2016		13:50	7.6	11.83	8.35	11	1075
Storm Event	3/31/2016		13:30	9.0	11.10	8.39	11	1230
Storm Event	4/4/2016		13:35	8.3	11.30	8.42	18	1255
Storm Event	4/13/2016		15:20	11.0	11.18	8.39	40	1170
Storm Event	4/25/2016		13:10	17.3	8.81	8.30	8	1100
Storm Event	4/27/2016		12:45	11.4	10.2	8.58	25	1200
Storm Event	4/29/2016		13:15	9.7	10.85	8.32	10	1175
Storm Event	5/2/2016		14:40	12.1	10.33	8.25	8	1250
Storm Event	5/12/2016		14:10	13.1	9.82	8.15	16	1130
Base	5/24/2016		15:30	22.2	8.90	8.26	29	1180
Storm Event	5/29/2016		11:34	17.5	8.77	8.15	8	1103
Storm Event	5/30/2016		6:20	16.7	8.57	7.94	7	1227
Storm Event	6/2/2016		14:20	18.6	8.50	8.15	4	
Storm Event	6/7/2016		16:05	19.0	8.56	8.17	12	
Storm Event	6/18/2016		10:26	20.1	7.52	7.77	3	
Storm Event	6/21/2016		13:40				8	
Storm Event	7/12/2016		16:00	26.6	7.72	8.19	14	
Storm Event	7/17/2016		18:40	24.9	7.46	8.07	3	
Storm Event	7/18/2016		9:25	21.9	7.12	7.74	3	
Storm Event	7/19/2016		13:45				5	
Storm Event	7/20/2016		14:45	25.7	6.45	7.64	5	615
Storm Event	7/28/2016		14:00	24.9	7.74	8.07	13	1020
Base	8/18/2016		13:30	26.1	11.30	8.31	36	
Base	9/1/2016		15:45	23.3	9.07	7.97	34	1125
Storm Event	9/8/2016		9:00				14	
Storm Event	9/16/2016		13:40	19	8.72	8.03	17	
Storm Event	9/23/2016		13:55	18.8	8.16	7.91	7	870
Storm Event	9/26/2016		15:00	18	8.52	8.10	6	1030
Storm Event	10/6/2016		14:00	15.6	8.80	7.76	11	1065
Storm Event	10/10/2016		15:25	13.2	9.49	7.86	15	
Base	11/14/2016		12:45	7.4	11.49	8.08	84	1130
Storm Event	11/30/2016		15:30	5.3	11.70	8.29	21	1250
Storm Event	12/5/2016		14:40	4.1	12.19	8.27	39	1265

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

FIELD DATA - Measurements taken on site, 2016

PLS005 - Primary Lower Sleepy Eye Creek near Cobden

STORET CODE - S001-919 **2016 Wateryear (Oct 1, 2015 to Sept. 30, 2016)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
Snowmelt	3/7/2016		12:25				>100	
Snowmelt	3/11/2016		13:45				>100	
Base	3/22/2016		13:50	8.1	14.23	8.40	>100	1029
Storm Event	3/28/2016		12:50	7.3	11.82	8.10	56	1140
Storm Event	3/31/2016		12:35	7.7	11.44	8.15	71	1171
Base	4/13/2016		14:20	9.9	14.18	8.31	>100	1087
Storm Event	4/25/2016		12:05	15.8	10.40	8.28	>100	1122
Storm Event	4/26/2016		15:10	11.8	9.85	8.32	95	1186
Storm Event	4/29/2016		12:20	8.1	10.58	8.02	42	1179
Storm Event	5/2/2016		13:20	12.5	10.39	8.18	85	1241
Storm Event	5/12/2016		13:10	11.3	10.03	7.86	87	1144
Storm Event	5/16/2016		12:00	12.9	9.99	8.27	>100	1206
Base	5/24/2016		14:35	19.4	9.42	8.22	100	1171
Storm Event	5/26/2016		13:10					
Storm Event	5/28/2016		14:17	15.8	8.44	7.94	10	895
Storm Event	5/29/2016		10:35	14.9	7.70	7.65	15	884
Storm Event	6/7/2016		14:45	17.2	9.01	8.08	50	
Storm Event	6/21/2016		11:35					
Storm Event	7/12/2016		14:35	23.4	7.91	7.97	32	
Storm Event	7/17/2016		17:35	21.5	5.82	7.38		480
Storm Event	7/18/2016		11:15	21.6	5.51	7.45	16	
Storm Event	7/20/2016		13:20	22.6	6.35	7.64	28	871
Storm Event	7/28/2016		13:05	22.7	8.02	7.88	58	
Base	8/18/2016		12:30	24.4	8.73	8.23	68	
Storm Event	8/24/2016		15:25	20.5	6.84	7.47	9	
Storm Event	9/1/2016		14:30	20.9	8.14	7.64	40	
Storm Event	9/7/2016		15:30	19.5	7.37	7.58	20	
Storm Event	9/16/2016		12:45	17.5	8.02	7.47	28	
Storm Event	9/26/2016		14:05	16.0	8.48	7.84	24	
Storm Event	10/5/2016		14:00	16.6	7.97	7.40	16	1082
Storm Event	10/6/2016		13:05	14.6	8.30	7.55	30	1197
Storm Event	10/7/2016		16:00				20	
Storm Event	10/10/2016		14:05	14.3	8.84	7.69	57	
Base	10/31/2016		12:50	10.1	10.23	7.57	>100	1230

FIELD DATA - Measurements taken on site, 2016

PLC010 - Primary Lower Cottonwood River near Leavenworth

STORET CODE - S001-920 **2016 Wateryear (Oct 1, 2015 to Sept. 30, 2016)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
Snowmelt	3/1/2016		12:50				14	
Snowmelt	3/7/2016		12:00				23	
Snowmelt	3/11/2016		13:20				15	
Base	3/22/2016		13:20	7.1	11.48	8.31	43	1169
Storm Event	3/28/2016		12:25	7.1	11.57	8.25	18	1212
Storm Event	3/31/2016		12:10	8.5	10.87	8.22	16	1297
Storm Event	4/4/2016		12:40	8.1	10.94	8.16	24	1317
Base	4/13/2016		13:55	9.4	11.29	8.31	42	1231
Storm Event	4/22/2016		13:35	15.3	10.02	8.34	45	1212
Storm Event	4/25/2016		11:40	16.8	8.95	8.30	37	1296
Storm Event	4/26/2016		14:45	14.3	9.36	8.38	36	1297
Storm Event	4/29/2016		11:55	8.4	10.80	8.26	15	1274
Storm Event	5/2/2016		12:55	11.3	10.17	8.14	15	1317
Storm Event	5/12/2016		12:40	13.0	9.57	8.07	23	1238
Base	5/24/2016		14:05	21.0	8.07	8.15	29	1251
Storm Event	5/28/2016		13:42		8.33	8.19	22	1218
Storm Event	5/29/2016		18:15	18.6	7.86	7.93	5	466
Storm Event	6/1/2016		16:35	18.7	7.68	8.00	4	1035
Storm Event	6/7/2016		14:15	18.7	8.38	8.10	13	
Storm Event	6/18/2016		8:55	21.2	7.49	8.07	6	
Storm Event	7/12/2016		14:10	25.5	7.33	8.08	14	
Storm Event	7/17/2016		17:10	23.8	6.96	7.86	7	730
Storm Event	7/18/2016		10:45	22.4	5.86	7.48	2	
Storm Event	7/19/2016		12:45				11	
Storm Event	7/20/2016		12:50	24.6	5.87	7.62	15	665
Storm Event	7/28/2016		12:40	23.8	7.16	7.92	16	
Base	8/18/2016		12:05	24.2	9.73	8.34	45	
Storm Event	8/24/2016		15:05	22.7	8.25	8.07	28	
Storm Event	9/7/2016		15:05	21.6	8.08	8.01	26	
Storm Event	9/16/2016		12:20	17.9	8.36	7.85	22	1064
Storm Event	9/22/2016		13:45	19.8	7.63	7.87	9	968
Storm Event	9/23/2016		13:00	18.7	7.36	7.60	7	835
Storm Event	9/26/2016		13:40	17.5	8.07	7.91	6	1024
Storm Event	10/6/2016		12:40	15.2	8.42	7.79	11	1166
Storm Event	10/10/2016		13:40	13.0	9.20	7.77	21	
Base	10/31/2016		12:25	10.1	10.12	7.65	70	1301