

FIELD DATA - Measurements taken on site, 2024

PLC001 - Primary Lower Cottonwood River near New Ulm

STORET CODE - S001-918 2024 Wateryear (Oct 1, 2023 to Sept. 30, 2024)

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
Winter Base	1/3/2024		15:00				85	
Winter Base	2/12/2024		13:50				27	
Snowmelt	2/23/2024		13:20				72	
Base	3/18/2024		14:25	5.2	13.55	7.90	>100	1047
Storm Event	3/28/2024		14:25	4.6	13.75	7.73	72	905
Storm Event	4/1/2024		14:20	4.9	12.30	8.20	37	940
Storm Event	4/5/2024		14:05	10.3	11.59	8.46	24	1043
Storm Event	4/11/2024		14:50				29	
Storm Event	4/17/2024		15:05				5	
Storm Event	4/18/2024		13:50				8	
Storm Event	4/19/2024		14:00				11	
Storm Event	4/22/2024		14:45	12.0	10.56	8.03	20	1102
Storm Event	4/29/2024		15:30	11.0	10.52	8.03	15	1038
Storm Event	4/30/2024		13:55	11.6	9.92	7.80	5	1040
Storm Event	5/2/2024		14:30	11.9	9.90	7.51	7	1015
Storm Event	5/6/2024		14:50	15.8	9.41	7.71	12	1094
Storm Event	5/8/2024		15:35				8	
Storm Event	5/10/2024		14:35				9	
Storm Event	5/13/2024		15:10	18.5	8.95	8.14	16	1086
Storm Event	5/22/2024		15:50				13	
Storm Event	5/23/2024		15:30				8	
Storm Event	5/25/2024		10:15				4	
Storm Event	5/30/2024		14:55				14	
Storm Event	6/2/2024		13:00				6	
Storm Event	6/5/2024		12:10				13	
Base	6/10/2024		14:30	21.2	8.57	8.15	14	1047
Storm Event	6/17/2024		14:15				5	
Storm Event	6/19/2024		16:45				4	
Storm Event	6/22/2024		16:20				3	
Storm Event	6/24/2024		16:00				4	
Storm Event	6/26/2024		14:50				5	
Storm Event	7/1/2024		11:35				10	
Storm Event	7/9/2024		18:00				11	
Base	7/29/2024		16:50				23	
Base	8/26/2024		13:05				22	
Base	9/19/2024		15:10				16	
Base	10/24/2024		14:50	12.5	13.97	8.52	44	850
Base	11/18/2024		13:20				>100	
Base	12/16/2024		15:05				>100	

FIELD DATA - Measurements taken on site, 2024**PLS005 - Primary Lower Sleepy Eye Creek near Cobden****STORET CODE - S001-919 2024 Wateryear (Oct 1, 2023 to Sept. 30, 2024)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
Snowmelt	2/23/2024		12:20				>100	
Base	3/21/2024		12:30	2.8	14.27	7.78	>100	850
Storm Event	3/28/2024		13:30	2.5	14.72	7.81	>100	843
Storm Event	4/1/2024		13:30	3.8	12.72	8.43	>100	845
Storm Event	4/5/2024		13:10	8.8	14.43	8.50	>100	831
Storm Event	4/11/2024		14:00				>100	
Storm Event	4/17/2024		14:15				21	
Storm Event	4/18/2024		13:05				42	
Storm Event	4/22/2024		13:45	10.6	11.33	7.85	>100	960
Storm Event	4/29/2024		14:15	9.0	10.47	7.98	40	944
Storm Event	4/30/2024		13:05	9.9	10.19	7.69	29	979
Storm Event	5/2/2024		13:35	10.6	10.26	7.54	77	994
Storm Event	5/6/2024		13:50	13.8	10.85	7.68	95	1001
Storm Event	5/8/2024		14:50				45	
Storm Event	5/13/2024		14:00	15.7	10.78	8.20	97	978
Storm Event	5/22/2024		14:40				32	
Storm Event	5/24/2024		13:39				8	
Storm Event	5/30/2024		13:50				66	
Storm Event	6/1/2024		11:30				9	
Storm Event	6/5/2024		10:30				6	
Base	6/10/2024		13:25	18.4	8.65	7.97	38	983
Storm Event	6/17/2024		13:15				10	
Storm Event	6/18/2024		14:15				12	
Storm Event	6/22/2024		15:15				7	
Storm Event	6/23/2024		16:55				11	
Storm Event	6/26/2024		14:00				26	
Storm Event	7/1/2024		10:45				35	
Base	7/16/2024		6:29				22	
Base	7/29/2024		15:50				60	
Base	8/26/2024		12:15				30	

FIELD DATA - Measurements taken on site, 2024**PLC010 - Primary Lower Cottonwood River near Leavenworth****STORET CODE - S001-920 2024 Wateryear (Oct 1, 2023 to Sept. 30, 2024)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
Snowmelt	2/26/2024		13:35				95	
Base	3/18/2024		13:15	3.8	14.33	7.18	>100	1112
Storm Event	3/28/2024		13:05	2.3	14.25	7.71	92	1012
Storm Event	4/1/2024		13:05	4.2	12.38	8.14	73	1104
Storm Event	4/5/2024		12:35	8.6	11.46	7.99	38	1161
Storm Event	4/11/2024		13:40				27	
Storm Event	4/17/2024		13:55				17	
Storm Event	4/18/2024		12:40				18	
Storm Event	4/19/2024		13:05				18	
Storm Event	4/22/2024		13:15	10.5	10.71	7.37	41	1189
Storm Event	4/29/2024		13:50	10.3	10.13	7.73	18	1139
Storm Event	4/30/2024		12:40	10.8	9.37	7.12	6	1099
Storm Event	5/2/2024		13:00	11.7	9.38	7.38	13	1074
Storm Event	5/6/2024		13:25	14.9	9.09	7.20	18	1159
Storm Event	5/8/2024		14:30				6	
Storm Event	5/13/2024		13:35	18.0	8.41	8.02	16	1145
Storm Event	5/22/2024		14:20				9	
Storm Event	5/23/2024		14:30				10	
Storm Event	5/25/2024		9:17				5	
Storm Event	5/30/2024		13:25				14	
Storm Event	6/2/2024		12:10				10	
Storm Event	6/5/2024		11:05				9	
Storm Event	6/10/2024		13:00	20.4	8.01	8.05	15	1114
Storm Event	6/17/2024		12:55				8	
Storm Event	6/19/2024		17:40				8	
Storm Event	6/22/2024		14:50				6	
Storm Event	6/23/2024		16:35				5	
Storm Event	6/24/2024		11:45				7	
Storm Event	6/26/2024		13:35				15	
Storm Event	7/1/2024		10:20				17	
Base	7/16/2024		5:56				18	
Base	7/29/2024		15:25				22	
Base	8/26/2024		11:50				29	
Base	9/19/2024		13:55				21	
Base	10/24/2024		13:35	12.1	11.94	8.14	85	943