

FIELD DATA - Measurements taken on site, 2022

PLC001 - Primary Lower Cottonwood River near New Ulm

STORET CODE - S001-918 **2022 Wateryear (Oct 1, 2021 to Sept. 30, 2022)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conducti
Winter	1/13/2022		13:35					
Winter	2/28/2022		13:35				68	
Snowmelt	3/17/2022		14:15				22	
Snowmelt	3/21/2022		11:30				11	
Snowmelt	3/24/2022		14:05				6	
Snowmelt	3/28/2022		15:10				7	
Storm Event	4/8/2022		13:05	5.9	12.07	8.26	14	915
Storm Event	4/11/2022		13:45	10.6	11.21	8.38	18	1008
Base	4/28/2022		15:15	8.8	12.27	8.46	37	1055
Storm Event	5/1/2022		17:10	8.2	10.28	8.05	3	900
Storm Event	5/2/2022		15:40	7.5	10.84	8.08	4	955
Storm Event	5/6/2022		12:50	11.7	10.24	8.28	10	1080
Storm Event	5/12/2022		15:40	19.9	8.39	8.22		1000
Storm Event	5/13/2022		16:05	17.9		8.17	6	940
Storm Event	5/15/2022		15:10	18.0		8.08	5	853
Storm Event	5/16/2022		16:05	18.8		8.04	6	775
Storm Event	5/20/2022		12:00	16.1		8.17	15	950
Base	5/31/2022		16:10				16	
Base	6/2/2022		15:20	18.1		8.28	14	1025
Base	6/14/2022		14:15	26.4		8.20	22	1170
Base	6/29/2022		12:15				26	
Storm Event	7/8/2022		13:30				5	
Storm Event	7/11/2022		14:10				7	
Base	7/29/2022		14:45				>100	
Base	8/4/2022		13:40				80	
Base	8/11/2022		14:05				22	
Base	8/29/2022		14:40				20	
Base	9/22/2022		15:05	20.9	10.33	8.27	26	884
Base	10/20/2022		14:35	9.9	13.16	8.35	>100	768
Base	11/14/2022		15:05					
Winter	12/28/2022		13:45				>100	

FIELD DATA - Measurements taken on site, 2022**PLS005 - Primary Lower Sleepy Eye Creek near Cobden****STORET CODE - S001-919 2022 Wateryear (Oct 1, 2021 to Sept. 30, 2022)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conducti
Snowmelt	3/24/2022		13:15				15	
Snowmelt	3/28/2022		14:15				60	
Storm Event	4/8/2022		12:05	3.4	12.40	7.79	54	794
Storm Event	4/11/2022		12:45	8.8	11.56	8.29	80	892
Base	4/28/2022		14:10	6.7	13.23	8.32	>100	863
Storm Event	4/30/2022		13:50				58	
Storm Event	5/1/2022		16:15	6.3	11.41	7.82	24	880
Storm Event	5/6/2022		12:00	11.6	11.33	8.11	63	908
Storm Event	5/12/2022		14:35	15.5	8.37	7.91		812
Storm Event	5/13/2022		14:55	15.0		7.86	8	885
Storm Event	5/15/2022		14:10	14.8		8.09	32	994
Storm Event	5/23/2022		13:00	12.6		8.22	75	887
Base	5/31/2022		15:00				38	
Base	6/14/2022		12:55	24.1		8.12	45	1033
Base	6/29/2022		11:05				64	
Storm Event	7/8/2022		12:30				19	
Storm Event	7/11/2022		13:00				41	
MDA/Base	7/29/2022		13:40				97	
MDA/Base	8/10/2022		16:30				88	
Base	10/3/2022		13:30	16.8	8.78	8.38	>100	842

FIELD DATA - Measurements taken on site, 2022**PLC010 - Primary Lower Cottonwood River near Leavenworth****STORET CODE - S001-920 2022 Wateryear (Oct 1, 2021 to Sept. 30, 2022)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conducti
Snowmelt	3/24/2022		12:50				13	
Snowmelt	3/28/2022		13:50				10	
Storm Event	4/8/2022		11:30	4.0	12.20	8.17	15	1021
Storm Event	4/11/2022		12:20	9.3	10.83	8.16	17	1070
Base	4/28/2022		13:45	7.8	11.87	8.27	38	1167
Storm Event	4/30/2022		13:30				11	
Storm Event	5/1/2022		15:55	7.9	10.00	7.88	4	991
Storm Event	5/2/2022		14:35	6.6	10.69	7.91	6	1019
Storm Event	5/6/2022		11:20	10.9	9.99	8.09	10	1136
Storm Event	5/12/2022		14:05	17.8	8.29	8.12		1027
Storm Event	5/13/2022		14:30	17.5		8.01	5	1033
Storm Event	5/15/2022		13:40	18.3		7.75	7	799
Storm Event	5/16/2022		15:10	18.5		7.87	9	871
Storm Event	5/20/2022		11:00	16.7		8.11	20	950
Storm Event	5/31/2022		14:35				15	
Storm Event	6/2/2022		14:20	17.1		8.14	10	1070
Base	6/14/2022		12:25	24.4		8.14	17	1185
Storm Event	7/7/2022		6:25				4	
Storm Event	7/8/2022		12:05				7	
Storm Event	7/11/2022		12:35				8	
Base	8/4/2022		12:30				25	
Base	9/22/2022		13:50	18.8	11.38	8.38	28	866
Base	10/20/2022		13:25	6.2	12.00	8.28	>100	844