

FIELD DATA - Measurements taken on site, 2021

PLC001 - Primary Lower Cottonwood River near New Ulm

STORET CODE - S001-918 **2021 Wateryear (Oct 1, 2020 to Sept. 30, 2021)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
Winter - Base	2/23/2021		12:55	0.8	7.81	7.36	>100	1150
Snowmelt	3/5/2021		12:20				22	
Snowmelt	3/8/2021		16:00				6	
Snowmelt	3/11/2021		13:50				6	
Base	3/19/2021		13:30				25	
Storm Event	3/25/2021		13:40				16	
Storm Event	3/29/2021		14:00	9.4	11.04		10	1100
Storm Event	4/10/2021		15:50				9	
Storm Event	4/12/2021		13:55	9.1	10.75		9	1160
Storm Event	4/15/2021		14:20	7.1	11.89		17	1160
Base	4/29/2021		13:35	14.3	12.15		27	1040
Base	5/13/2021		16:20				48	
Base	5/26/2021		14:00	23.4	12.73		18	930
Storm Event	5/28/2021		14:10	17.1	10.74		25	960
Base	6/14/2021		13:50				16	
Base	6/21/2021		13:30	22.1	9.18	8.33	31	890
Base	6/30/2021		10:35				28	
Base	7/15/2021		12:00				21	
Base	7/30/2021		14:45	23.6	8.70	8.31		765
Base	8/9/2021		15:35				38	
Base	8/20/2021		11:10				55	
Storm Event	8/27/2021		14:45				21	
Storm Event	8/30/2021		14:25	26.4	13.45	8.81	11	552
Base	9/9/2021		14:45	23.4	10.59	8.46	31	955
Storm Event	9/22/2021		15:25				20	
Storm Event	9/27/2021		13:15	20.0	9.80	8.31	46	1050
Base	10/19/2021		14:45	15.6	11.07	8.29	>100	965
Storm Event	10/25/2021		14:00				33	
Storm Event	10/29/2021		14:15	10.9	10.38	8.29	14	965
Storm Event	11/4/2021		13:50				37	
Base	11/29/2021		13:10	2.4	13.18	8.38	80	1103
Base	12/20/2021		13:25				>100	

FIELD DATA - Measurements taken on site, 2021**PLC010 - Primary Lower Cottonwood River near Leavenworth****STORET CODE - S001-920 2021 Wateryear (Oct 1, 2020 to Sept. 30, 2021)**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	Conductivity
Snowmelt	3/8/2021		14:45				10	
Snowmelt	3/11/2021		12:30				6	
Base	3/19/2021		12:05				27	
Storm Event	3/25/2021		12:25				11	
Storm Event	3/29/2021		12:25	8.2	10.83		11	1165
Storm Event	4/9/2021		13:50				11	
Storm Event	4/10/2021		15:00				9	
Storm Event	4/12/2021		12:55	9.5	10.40		10	1242
Storm Event	4/15/2021		12:45	5.9	11.99		20	1217
Base	4/29/2021		11:50	12.8	11.11		23	1152
Base	5/26/2021		12:20	21.9	9.75		27	1106
Storm Event	5/28/2021		12:25	14.5	9.79		38	1081
Base	6/21/2021		11:50	20.9	11.32	8.42	25	1023
Base	7/30/2021		13:25	23.9	7.62	8.11	34	911
Storm Event	8/27/2021		13:10	23.3	9.39	8.30	22	697
Storm Event	8/30/2021		13:00				9	
Base	9/9/2021		13:10	20.8	9.38	8.37	23	1033
Storm Event	9/22/2021		14:10				16	
Storm Event	9/27/2021		12:15	18.0	9.13	8.31	35	1160
Base	10/19/2021		13:05	14.6	10.54	8.29	74	1087
Storm Event	10/23/2021		11:55				12	
Storm Event	10/29/2021		12:45	10.3	9.98	8.18	12	1097