

FIELD DATA - Measurements taken on site, 2007**RR1 - Primary Lower Redwood River at Redwood CR17 near Redwood Falls****Non-impacted stream/Western Corn Belt Plains****STORET CODE - S001-679**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	TT 2
Base Flow	1/26/2007	17.00	9:45	0.0	9.70	8.19	60+	
Base Flow	2/21/2007	11.00	11:15	0.0	8.73	8.04	60+	
Snow Melt/Ice	3/13/2007		10:30	0.1	11.42	8.57	7.3	
Snow Melt/Ice	3/16/2007		11:45	0.1	12.34	8.21	9.6	
Snow Melt/Ice	3/19/2007	1683.50	9:20	3.2	11.02	8.25	10.0	
Storm Flow	4/2/2007	782.87	9:10	5.7	10.60	8.10	10.0	
Storm Flow	4/4/2007	800.68	9:50	1.9	13.37	8.55	12.5	
Snowmelt Flow	4/16/2007	514.83	9:45	8.8	11.01	8.47	17.5	
Base Flow	4/20/2007	503.82	9:30	11.6	10.58	8.62	20.2	
Base Flow	5/3/2007	389.73	9:20	14.4	9.20	7.99	26.4	
Storm Flow	5/8/2007	567.66	8:30	14.1	9.08	7.25	24.6	
Base Flow	5/29/2007	163.82	8:45	19.7	8.03	7.21	43.2	
Storm Flow	6/4/2007	389.73	10:15	18.3	8.06	7.21	12.8	
Storm Flow	6/18/2007	251.33	9:15	23.8	6.64	8.45	12.7	
Base Flow	7/5/2007	56.51	8:40	24.2	6.21	8.37	30.8	
Base Flow	7/26/2007	21.03	8:50	27.9	4.62	8.39	17.8	
Base Flow	8/8/2007	27.06	9:20	24.2	8.07	8.75	15.4	
Storm Flow	8/20/2007	303.71	8:55	16.8	7.77	8.33	11.7	
Storm Flow	8/23/2007	119.00	9:00	20.4	7.18	8.15	21.2	
Base Flow	9/6/2007	26.14	8:45	24.2	5.52	8.42	20.3	
Storm Flow	10/9/2007	323.88	9:00	13.7	8.81	8.02	14.2	
Storm Flow	10/18/2007	474.99	8:50	12.8	9.21	8.16	11.6	
Storm Flow	10/24/2007	489.31	8:30	9.3	10.73	8.17	20.4	
Base Flow	11/26/2007		13:00	0.9	15.19	8.63	60+	
Base Flow	12/20/2007		12:40	0.1	14.52	8.32	60+	

FIELD DATA - Measurements taken on site, 2007**CC3 - Clear Creek in Seaforth - Non-impacted stream/Western Corn Belt Plains****STORET CODE - S002-311**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	TT 2
Storm Flow	4/2/2007	129.60	9:44	3.80	11.72	8.20	56.6	
Storm Flow	4/4/2007	61.10	10:20	0.00	14.22	8.55	60+	
Snowmelt Flow	4/16/2007	46.90	10:15	7.60	12.27	8.37	60+	
Base Flow	5/3/2007	23.60	9:50	11.8	10.64	7.87	60+	
Base Flow	5/29/2007	15.60	9:30	19.1	6.91	7.21	44.9	
Storm Flow	6/4/2007	72.30	10:45	16	8.42	7.02	33.3	
Storm Flow	6/18/2007	20.70	10:00	22.2	6.72	8.41	39.4	
Base Flow	7/5/2007	4.10	9:10	23.4	4.56	8.13	21.3	
Base Flow	7/26/2007	1.70	9:15	26.4	7.77	8.08	20.1	
Base Flow	8/8/2007	3.00	9:55	21.8	3.12	8.08	30.6	
Storm Flow	8/20/2007	12.70	9:30	17.1	7.14	8.16	26.0	
Base Flow	9/6/2007	2.10	9:15	23.2	4.07	8.08	44.3	

FIELD DATA - Measurements taken on site, 2007**RRUS - Redwood River at Russell****Non-impacted stream/Western Corn Belt Plains****STORET CODE - S000-696**

Flow Type	Date	FLOW	Time	Temp ©	DO	pH	TT 1	TT 2
Storm Flow	4/2/2007	486.77	11:14	4.4	11.45	8.43	20.0	
Storm Flow	4/5/2007	349.49	12:20	0.3	14.09	8.41	23.4	
Snowmelt Flow	4/16/2007	258.29	12:20	8.6	11.46	8.43	30.4	
Base Flow	5/3/2007	155.63	11:45	14.4	11.16	7.97	47.7	
Base Flow	5/29/2007	50.08	11:25	19.9	8.53	7.21	60+	
Base Flow	6/13/2007	68.10	10:45	21.7	7.88	8.42	26.4	
Base Flow	6/28/2007	31.04	11:05	19.6	8.56	8.37	48.3	
Base Flow	7/5/2007	25.15	11:05	23	7.35	8.35	38.2	
Base Flow	7/26/2007	2.12	11:15	25	7.24	8.18	43.4	
Base Flow	8/8/2007	2.01	11:50	20.9	7.26	8.21	60+	
Base Flow	9/6/2007	3.16	10:45	21.9	7.26	8.18	60+	

