

PLC001 - Primary Lower Cottonwood River near New Ulm - Non-impacted stream/Western Corn Belt Plains

FLOW TYPE	SAMP TYPE	DATE	TIME	LAB SAMPLE ID #	TSS MG/L	N-NO2+		TP MG/L	FECAL	TURBIDITY NTU
						NO3 MG/L	P-PO4 MG/L		COLIFORM /100ML	
Base Flow	Grab	1/7/2003	12:40	03-A353	7	5.3	0.015	0.102		
Base Flow	Grab	2/20/2003	13:15	03-A4325	6	3	0.028	0.32		
Base Flow	Grab	3/19/2003	12:30	03-A7141	113	1.78	0.410	0.530		
Base Flow	Grab	4/8/2003	13:45	03-A9857	14	1.79	0.019	0.075		
Storm Flow	Grab	4/22/2003	11:15	03-A11710	348	11.00	0.076	0.277		
Storm Flow	Grab	4/29/2003	13:45	03-A13058	88	9.14	0.040	0.162		
Base Flow	Grab	5/5/2003	10:00	03-A13815	66	7.41	0.023	0.092		
Storm Flow	Composite	5/12/2003	14:49	03-A15231	260	8.71	0.020	0.214		
Storm Flow	Composite	5/14/2003	15:04	03-A15682	178	11.8	0.053	0.178		
	Grab	5/19/2003	16:00	03-A16160	100	11.00	0.041	0.146		
	Grab	5/27/2003	11:52	03-A17221					70	
	Grab	6/26/2003	14:00	03-A21468	460	11.90	0.180	0.639	1000	90
		6/30/2003	12:40	03-A21849	263	15.10	0.063	0.271		80
		7/31/2003	14:50	03-A26463	40	0.20	0.017	0.103	2800	16
Base Flow	Grab	8/13/2003	14:54	03-A28302					300	
Base Flow	Grab	8/13/2003	14:54	03-A28311	43	0.20	0.012	0.114		17
Base Flow	Grab	9/25/2003	13:50	03-A33153					400	
Base Flow	Grab	9/25/2003	13:50	03-A33158	13	0.20	0.012	0.124		7
Base Flow	Grab	10/22/2003	13:40	03-A37082	12	0.20	0.020	0.043	110	7
Base Flow	Grab	11/13/2003	13:45	03-A39719	9	0.64	0.016	0.036	<10	5
Base Flow	Grab	12/22/2003	11:55	03-A42978	21	1.55	0.015	0.015	<10	7

PLC010 - Primary Lower Cottonwood River near Leavenworth - Non-impacted stream/Western Corn Belt Plains

FLOW TYPE	SAMP TYPE	DATE	TIME	LAB SAMPLE ID #	TSS MG/L	N-NO2+		TP MG/L	FECAL	TURBIDITY NTU
						NO3 MG/L	P-PO4 MG/L		COLIFORM /100ML	
Storm Flow	Grab	5/5/2003	9:04	03-A13813	72	6.75	0.038	0.109		
Storm Flow	Composite	5/14/2003	13:53	03-A15683	132	10.00	0.020	0.219		
	Composite	5/19/2003	10:02	03-A16165	154	11.00	0.039	0.196		
	Grab	5/27/2003	11:15	03-A17220					140	
	Grab	6/26/2003	13:00	03-A21467	134	13.10	0.134	0.215	>6000	36
	Grab	6/30/2003	11:50	03-A21847	139	13.50	0.060	0.211		38
Duplicate	Grab	6/30/2003	11:50	03-A21848	120	13.40	0.062	0.225		38
		7/31/2003	13:55	03-A26462	29	<.2	0.018	0.105	4000	15
		8/13/2003	14:00	03-A28301					200	
Base Flow	Grab	8/13/2003	14:00	03-A28310	45	0.20	0.011	0.122		15
Base Flow	Grab	9/25/2003	13:00	03-A33152					2700	
Base Flow	Grab	9/25/2003	13:00	03-A33157	9.00	0.20	0.010	0.061		5

PLC005 - Primary Lower Sleepy Eye Creek near Cobden - Non-impacted stream/Western Corn Belt Plains

FLOW TYPE	SAMP TYPE	DATE	TIME	LAB SAMPLE ID #	TSS MG/L	N-NO2+		P-PO4 MG/L	TP MG/L	FECAL	TURBIDITY
						NO3 MG/L	COLIFORM /100ML			NTU	
	Grab	5/5/2003	8:50	03-A13814	14	11.90	0.02	0.05			
	Grab	5/12/2003	13:45	03-A15232	80	19.20	0.05	0.12			
	Grab	5/13/2003	11:00	03-A15335	40	19.70	0.043	0.079			
	Grab	5/27/2003	11:09	03-A17219						150	
		6/26/2003	12:20	03-A21466	74	20.80	0.123	0.179	1500		18
		6/30/2003	11:39	03-A21846	35	20.00	0.093	0.134			12
		7/31/2003	13:30	03-A26461	25	<0.2	0.024	0.156	1700		11
Base Flow	Grab	8/13/2003	13:14	03-A28300					3200		
Base Flow	Grab	8/13/2003	13:14	03-A28309	21	0.24	0.072	0.159			16
Base Flow	Grab	9/25/2003	12:45	03-A33151					600		
Base Flow	Grab	9/25/2003	12:45	03-A33156	9	0.20	0.021	0.064			7

PMC020 - Primary Middle Cottonwood River near Lamberton - Non-impacted stream/Western Corn Belt Plains

FLOW TYPE	SAMP TYPE	DATE	TIME	LAB SAMPLE ID #	TSS MG/L	N-NO2+		TP MG/L	FECAL	TURBIDITY NTU
						NO3 MG/L	P-PO4 MG/L		COLIFORM /100ML	
Storm Flow	Grab	4/17/03	9:34	03-A11182	168.00	4.87	0.143	0.241		
Storm Flow	Grab	4/22/03	10:15	03-A11709	82.00	10.80	0.101	0.194		
?	Grab	5/6/03	13:43	03-A14020	30.00	7.98	0.035	0.062		
Storm Flow	Composite	5/14/03	13:10	03-A15686	86.00	11.00	0.031	0.150		
Storm Flow	Composite	5/19/03	14:16	03-A16162	98.00	10.50	0.005	0.076		
?	Grab	5/28/03	12:45	03-A17425					400	
		6/26/03	11:15	03-A21465	110.00	13.30	0.109	0.174	2000	27
		6/30/03	10:17	03-A21845	58.00	12.70	0.006	0.101		18
		7/31/03	12:55	03-A26460	31.00	0.20	0.026	0.147	700	16
Base Flow	Grab	8/13/03	12:53	03-A28299					1300	
Base Flow	Grab	8/13/03	12:53	03-A28308	31.00	0.20	0.030	0.175		17
Base Flow	Grab	9/25/03	11:15	03-A33150					400	
Base Flow	Grab	9/25/03	11:15	03-A33155	14.00	0.20	0.026	0.106		9

TUP - Tertiary Plum Creek near Walnut Grove - Non-impacted stream/Western Corn Belt Plains

FLOW TYPE	SAMP TYPE	DATE	TIME	LAB SAMPLE ID #	TSS MG/L	N-NO2+		TP MG/L	FECAL	TURBIDITY NTU
						NO3 MG/L	P-PO4 MG/L		COLIFORM /100ML	
?	Grab	5/6/2003	9:43	03-A14017	12	11.20	0.03	0.017		
Storm Flow	Composite	5/14/2003	12:30	03-A15684	214	14.80	0.026	0.185		
Storm Flow	Composite	5/19/2003	13:29	03-A16161	302	13.40	0.011	0.176		
Base Flow	Grab	5/28/2003	12:20	03-A17424					300	
		6/26/2003	10:30	03-A21464	2510	14.60	0.165	1.860	6000.00	320
		6/30/2003	9:50	03-A21844	1620	16.70	0.077	1.370		190
Base Flow	Grab	7/31/2003	12:10	03-A26459	22	1.30	0.037	0.064	1700	13
Base Flow	Grab	8/13/2003	11:36	03-A28298					1500	
Base Flow	Grab	8/13/2003	11:36	03-A28307	24	0.35	0.039	0.084		14
Base Flow	Grab	9/25/2003	10:00	03-A33149					370	
Base Flow	Grab	9/25/2003	10:00	03-A33154	19	0.20	0.027	0.071		10