05320270 LITTLE COBB RIVER NEAR BEAUFORD, MN—Continued

PERIOD OF RECORD.-- Water years 1996 to current year.

PERIOD OF DAILY RECORD:

SPECIFIC CONDUCTANCE.-- April 1996 to September 1998, and June to September, 2005.

pH.-- June to September, 2005.

WATER TEMPERATURES.-- April 1996 to September 1998, and June to September, 2005.

DISSOLVED OXYGEN.-- June to September, 2005.

TURBIDITY.-- June to September, 2005.

REMARKS.-- Records represent water temperatures at sensor within 0.5 C. Parameters monitored were compared independently with a calibrated meter weekly to bi-weekly. Corrections were applied based on USGS standard procedures.

EXTREMES FOR PERIOD OF DAILY RECORD:

SPECIFIC CONDUCTANCE.-- Maximum, 1,270 µS/cm, July 14, 1997; minimum, 249 µS/cm, Aug. 10, 1996.

pH.-- Maximum recorded, 8.7, July 29, 30, and Aug. 16, 2005; minimum recorded, 7.8, July 11, 2005.

WATER TEMPERATURES.-- Maximum, 30.0 C, July 16 and 24, 2005; minimum, 0.0 C on many days most winters.

DISSOLVED OXYGEN.-- Maximum, 11.7 mg/L, Aug. 17, 2005; minimum, 3.2 mg/L, Aug. 9, 2005.

TURBIDITY.-- Maximum, 180 FNU, July 3, 2005; minimum, 12 FNU, Aug. 25, 2005.

EXTREMES FOR CURRENT YEAR:

SPECIFIC CONDUCTANCE.-- Maximum observed, 674 µS/cm, June 10; minimum, 405 µS/cm, Aug. 18.

pH.-- Maximum recorded, 8.7, July 29, 30 and Aug. 16; minimum recorded, 7.8 µS/cm, July 11.

WATER TEMPERATURES.-- Maximum observed, 30.0 C, July 16 and 24; minimum observed, 17.5 C, Aug. 23 and 24.

DISSOLVED OXYGEN.-- Maximum, 11.7 mg/L, Aug. 17; minimum, 3.2 mg/L, Aug. 9.

TURBIDITY.-- Maximum, 180 FNU, July 3; minimum, 12 FNU, Aug. 25.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	599	581	588	534	490	510	563	520	548
2	---	---	---	600	587	594	526	487	513	565	556	561
3	---	---	---	607	584	592	536	486	517	572	557	564
4	---	---	---	602	583	590	530	499	511	573	567	570
5	---	---	---	584	568	578	536	510	523	---	---	---
6	---	---	---	580	556	565	526	508	515	---	---	---
7	---	---	---	611	574	590	525	513	520	---	---	---
8	630	595	613	626	576	608	534	522	528	---	---	---
9	638	616	628	580	562	571	525	455	510	---	---	---
10	674	629	652	562	549	555	503	465	485	---	---	---
11	667	632	647	558	532	544	515	457	495	---	---	---
12	651	619	636	555	541	548	465	430	446	---	---	---
13	659	631	645	548	544	546	474	440	461	---	---	---
14	660	622	639	552	542	547	468	424	446	---	---	---
15	638	609	621	---	---	---	481	425	455	---	---	---
16	634	610	624	554	544	547	508	481	494	---	---	---
17	640	621	634	545	525	539	522	498	511	---	---	---
18	633	613	619	536	523	531	522	405	432	---	---	---
19	643	603	626	536	515	526	502	426	479	---	---	---
20	605	584	594	525	---	---	506	489	499	---	---	---
21	620	599	611	529	509	515	525	506	514	---	---	---
22	620	607	614	520	492	505	528	512	519	---	---	---
23	641	605	619	525	485	508	536	525	530	---	---	---
24	622	601	610	560	524	552	544	526	532	---	---	---
25	620	607	612	546	490	529	546	537	541	---	---	---
26	613	607	610	523	493	514	544	433	486	---	---	---
27	619	557	600	531	522	526	505	445	491	---	---	---
28	573	543	558	537	525	533	508	476	491	---	---	---
29	597	566	587	549	527	536	513	485	498	---	---	---
30	621	588	602	562	534	551	529	492	515	---	---	---
31	---	---	---	550	512	533	520	492	503	---	---	---
MONTH	---	---	---	626	485	550	546	405	499	---	---	---

05320270 LITTLE COBB RIVER NEAR BEAUFORD, MN—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	8.1	8.0	8.1	8.6	8.3	8.4	8.3	8.1	8.2
2	---	---	---	8.2	8.1	8.1	8.5	8.3	8.4	8.2	8.0	8.1
3	---	---	---	8.1	8.0	8.1	8.5	8.5	8.4	8.2	8.0	8.1
4	---	---	---	8.1	8.0	8.0	8.5	8.3	8.4	8.2	8.0	8.1
5	---	---	---	8.1	8.0	8.1	8.5	8.3	8.4	---	---	---
6	---	---	---	8.2	8.0	8.1	8.6	8.4	8.5	---	---	---
7	---	---	---	8.2	8.0	8.1	8.6	8.3	8.4	---	---	---
8	8.2	8.0	8.1	8.1	8.0	8.1	8.4	8.1	8.3	---	---	---
9	8.1	8.0	8.0	8.1	7.9	8.0	8.3	8.1	8.1	---	---	---
10	8.1	8.1	8.1	7.9	7.9	7.9	8.3	8.0	8.2	---	---	---
11	8.2	8.1	8.1	8.2	7.8	8.0	8.4	8.2	8.2	---	---	---
12	8.2	8.1	8.2	8.1	8.0	8.0	8.5	8.1	8.2	---	---	---
13	8.2	8.2	8.2	8.0	7.9	8.0	8.6	8.3	8.5	---	---	---
14	8.3	8.1	8.2	8.0	7.9	8.0	8.6	8.2	8.3	---	---	---
15	8.2	8.2	8.2	---	---	7.9	8.6	8.4	8.5	---	---	---
16	8.3	8.2	8.2	8.0	7.9	8.0	8.7	8.4	8.6	---	---	---
17	8.2	8.2	8.2	8.1	7.9	8.0	8.7	8.6	8.6	---	---	---
18	8.2	8.1	8.2	8.1	7.9	7.9	8.6	8.4	8.5	---	---	---
19	8.2	8.1	8.2	8.1	7.9	8.0	8.6	8.5	8.6	---	---	---
20	8.3	8.0	8.1	8.4	7.9	8.1	8.5	8.3	8.4	---	---	---
21	8.3	8.1	8.1	8.4	8.1	8.2	8.4	8.3	8.3	---	---	---
22	8.3	8.1	8.2	8.4	8.0	8.2	8.5	8.3	8.3	---	---	---
23	8.3	8.1	8.2	8.2	7.9	8.1	8.5	8.2	8.4	---	---	---
24	8.2	8.1	8.2	8.3	8.0	8.1	8.6	8.3	8.4	---	---	---
25	8.2	8.1	8.1	8.2	8.0	8.2	8.4	8.1	8.3	---	---	---
26	8.3	8.1	8.1	8.3	8.0	8.1	8.2	8.0	8.1	---	---	---
27	8.4	8.1	8.2	8.6	8.1	8.4	8.3	8.1	8.2	---	---	---
28	8.4	8.1	8.2	8.6	8.3	8.5	8.3	8.2	8.2	---	---	---
29	8.1	8.1	8.1	8.7	8.4	8.5	8.3	8.1	8.2	---	---	---
30	8.1	8.0	8.1	8.7	8.5	8.6	8.3	8.3	8.3	---	---	---
31	---	---	---	8.7	8.4	8.6	8.3	8.2	8.2	---	---	---
MONTH	---	---	---	8.7	7.8	8.1	8.7	8.1	8.4	---	---	---

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	21.0	19.5	20.0	27.5	23.0	25.0	20.5	18.0	19.0
2	---	---	---	21.5	19.5	20.5	27.5	25.0	26.5	19.5	17.5	18.5
3	---	---	---	21.5	20.5	21.0	27.0	---	---	19.5	17.5	18.5
4	---	---	---	22.0	20.0	21.0	26.5	23.5	24.5	21.0	18.5	19.5
5	---	---	---	22.5	20.5	21.5	23.5	21.0	22.5	---	---	---
6	---	---	---	23.5	21.0	22.0	23.0	20.5	22.0	---	---	---
7	---	---	---	24.5	21.5	23.0	24.0	20.5	22.5	---	---	---
8	24.0	20.5	22.0	24.0	22.5	23.0	24.0	22.5	23.5	---	---	---
9	21.5	19.0	20.0	26.0	22.0	24.0	25.0	23.5	24.0	---	---	---
10	21.0	19.5	20.0	27.5	23.5	25.5	24.5	22.5	23.5	---	---	---
11	21.5	20.0	20.5	28.0	24.5	26.0	24.0	22.5	23.0	---	---	---
12	22.0	19.5	20.5	28.0	24.0	26.0	24.0	21.5	22.5	---	---	---
13	22.5	20.5	21.0	28.0	24.5	26.0	24.0	20.5	21.5	---	---	---
14	21.0	20.0	20.5	29.0	25.0	27.0	21.5	18.5	20.0	---	---	---
15	20.0	---	---	---	25.5	---	21.0	19.0	20.0	---	---	---
16	21.5	18.0	19.5	30.0	26.0	28.0	22.5	20.0	21.5	---	---	---
17	23.5	19.0	21.0	29.0	26.0	27.5	22.5	21.0	22.0	---	---	---
18	25.0	20.5	22.5	27.5	24.0	26.0	23.0	21.0	22.0	---	---	---
19	25.0	21.0	23.0	27.0	22.0	24.5	24.0	21.5	22.5	---	---	---
20	25.0	22.0	23.5	28.0	23.5	25.5	23.5	22.0	23.0	---	---	---
21	25.5	21.5	23.5	29.0	25.0	27.0	22.5	20.5	21.5	---	---	---
22	26.5	22.5	24.5	29.5	25.5	27.5	21.0	18.5	19.5	---	---	---
23	28.0	24.5	26.0	29.5	26.5	28.0	19.5	17.5	18.5	---	---	---
24	26.0	24.0	25.0	30.0	26.5	28.5	20.0	17.5	19.0	---	---	---
25	24.0	22.5	23.0	29.0	25.5	27.0	22.0	19.0	20.0	---	---	---
26	25.5	22.5	23.5	25.5	22.0	23.0	22.5	21.0	21.5	---	---	---
27	26.0	23.5	24.5	23.5	19.0	21.0	22.5	19.5	21.0	---	---	---
28	25.5	23.5	24.0	24.0	20.0	21.5	22.5	19.5	21.0	---	---	---
29	24.0	22.0	23.0	24.5	21.0	22.5	22.5	20.0	21.5	---	---	---
30	23.0	20.5	21.5	26.0	23.0	24.0	22.0	20.0	21.5	---	---	---
31	---	---	---	26.0	23.5	25.0	21.5	20.0	20.5	---	---	---
MONTH	---	---	---	30.0	19.0	24.4	27.5	17.5	21.9	---	---	---

05320270 LITTLE COBB RIVER NEAR BEAUFORD, MN—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	8.5	7.9	8.2	9.5	5.4	7.1	---	---	---
2	---	---	---	9.1	8.1	8.6	8.7	4.6	6.2	---	---	---
3	---	---	---	8.6	8.0	8.3	7.3	4.2	5.8	---	---	---
4	---	---	---	9.3	3.7	6.9	7.9	4.0	5.5	---	---	---
5	---	---	---	9.2	8.0	8.5	8.5	5.3	6.6	---	---	---
6	---	---	---	8.4	7.1	7.8	9.1	5.3	6.8	---	---	---
7	---	---	---	8.9	6.9	7.7	9.7	4.9	6.8	---	---	---
8	7.0	6.1	6.6	8.3	7.0	7.6	6.6	3.3	4.9	---	---	---
9	7.5	6.7	7.1	8.7	7.0	7.6	6.2	3.2	4.7	---	---	---
10	7.5	7.0	7.2	8.5	6.6	7.3	8.5	4.0	6.4	---	---	---
11	7.7	7.1	7.4	7.2	6.3	6.6	8.4	6.2	7.4	---	---	---
12	8.2	7.1	7.6	6.9	5.9	6.3	10.7	7.6	8.8	---	---	---
13	8.0	7.1	7.5	6.7	6.0	6.3	11.1	7.7	9.2	---	---	---
14	8.3	7.2	7.8	6.4	5.8	6.1	10.5	8.1	9.2	---	---	---
15	8.6	7.4	8.1	---	5.7	---	10.4	7.7	9.0	---	---	---
16	9.2	7.9	8.5	6.5	5.6	6.0	---	---	---	---	---	---
17	9.0	7.8	8.3	7.1	5.8	6.3	11.7	---	---	---	---	---
18	8.5	7.5	8.0	7.4	5.9	6.6	9.7	6.9	8.2	---	---	---
19	8.7	7.2	7.9	8.8	6.8	7.6	10.6	5.9	8.2	---	---	---
20	8.5	6.8	7.4	8.3	6.3	7.2	9.6	5.8	7.6	---	---	---
21	8.7	6.6	7.5	8.2	5.7	6.7	10.2	5.3	7.0	---	---	---
22	8.6	6.6	7.5	9.1	5.7	7.1	---	---	---	---	---	---
23	8.9	6.4	7.3	7.3	5.6	6.2	---	---	---	---	---	---
24	7.6	6.1	6.8	7.9	5.2	6.4	---	---	---	---	---	---
25	8.2	6.6	7.2	7.9	5.5	6.5	---	---	---	---	---	---
26	9.1	6.8	7.7	9.6	6.1	7.6	---	---	---	---	---	---
27	8.8	6.5	7.4	9.6	7.3	8.2	---	---	---	---	---	---
28	8.6	6.4	7.3	9.9	6.9	8.2	---	---	---	---	---	---
29	7.6	7.1	7.3	10.9	7.1	8.7	---	---	---	---	---	---
30	8.1	7.3	7.7	10.9	6.7	8.4	---	---	---	---	---	---
31	---	---	---	10.1	6.3	7.7	---	---	---	---	---	---
MONTH	---	---	---	10.9	3.7	7.3	---	---	---	---	---	---

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/ -2.5 DEGREES, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	84	64	72	43	15	23	35	22	27
2	---	---	---	66	54	60	24	14	18	39	22	27
3	---	---	---	180	49	65	31	---	---	36	23	27
4	---	---	---	67	55	60	30	18	24	35	20	27
5	---	---	---	86	52	63	27	19	23	---	---	---
6	---	---	---	97	61	73	36	23	27	---	---	---
7	---	---	---	77	54	66	35	20	25	---	---	---
8	89	46	73	74	48	62	110	19	27	---	---	---
9	79	61	72	84	49	64	72	20	33	---	---	---
10	61	55	57	100	46	67	72	27	39	---	---	---
11	59	53	56	110	54	67	37	28	32	---	---	---
12	60	51	54	92	49	62	45	30	36	---	---	---
13	61	50	53	67	46	56	40	30	35	---	---	---
14	66	48	53	62	42	49	50	33	39	---	---	---
15	56	44	48	56	33	42	39	27	33	---	---	---
16	47	42	45	70	39	44	40	28	31	---	---	---
17	45	40	43	160	32	46	68	22	30	---	---	---
18	46	40	43	73	32	41	63	25	40	---	---	---
19	48	38	45	85	26	34	34	22	26	---	---	---
20	71	36	45	49	22	29	---	---	---	---	---	---
21	45	34	41	52	21	28	---	---	---	---	---	---
22	49	32	40	55	23	34	---	---	---	---	---	---
23	47	31	39	110	40	67	---	---	---	---	---	---
24	54	28	43	92	50	71	24	13	20	---	---	---
25	62	38	48	110	43	59	25	12	18	---	---	---
26	53	41	46	140	34	55	90	13	43	---	---	---
27	57	38	44	97	20	33	38	23	28	---	---	---
28	70	36	50	43	18	23	62	26	32	---	---	---
29	71	61	67	33	21	25	62	27	30	---	---	---
30	98	58	71	71	18	23	47	28	32	---	---	---
31	---	---	---	29	16	22	36	26	31	---	---	---
MONTH	---	---	---	180	16	50	110	12	30	---	---	---

05320270 LITTLE COBB RIVER NEAR BEAUFORD, MN—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Sample type	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)
OCT												
07...	1000	Environmental	6.03	93	740	10.9	102	8.2	654	--	12.4	260
21...	1347	Bed material	--	--	--	--	--	--	--	--	--	--
DEC												
16...	1020	Environmental	5.17	24	742	12.4	85	8.1	827	1.0	.0	309
FEB												
03...	1030	Environmental	4.74	3.3	743	--	--	7.3	970	6.0	.0	382
APR												
21...	0945	Environmental	8.13	290	740	9.3	88	7.8	660	15.0	12.8	240
JUN												
15...	0940	Environmental	6.45	141	736	7.8	84	8.2	626	16.5	19.4	220
AUG												
03...	1015	Environmental	4.76	4.5	735	5.1	63	8.3	528	26.0	25.6	225
17...	1000	Environmental	--	--	--	--	--	--	--	--	--	--
SEP												
07...	1035	Environmental	4.81	1.8	744	3.2	35	7.7	535	16.0	19.7	--
07...	1040	Environmental	--	--	--	--	--	--	--	--	--	--

Date	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by anal ysis, mg/L (62855)	Biomass periphyton, ashfree drymass g/m2 (49954)	Periphyton biomass ash weight, g/m2 (00572)	Periphyton biomass dry weight, g/m2 (00573)
OCT													
07...	317	.0	14.4	30.4	E.03	9.59	.029	.049	.169	10.9	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
16...	377	.0	22.8	43.6	.06	13.7	.038	.051	.075	14.6	--	--	--
FEB													
03...	466	.0	41.2	53.2	.20	11.4	.075	.112	.135	12.8	--	--	--
APR													
21...	293	.0	17.1	29.0	E.02	14.0	.045	.020	E.106	14.2	--	--	--
JUN													
15...	269	.0	15.8	21.0	E.02	13.9	.050	<.006	.174	15.1	--	--	--
AUG													
03...	260	7	16.3	22.4	.11	.39	.010	.049	.23	2.46	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	17.3	110	131.1
SEP													
07...	--	--	19.4	25.9	.16	.06	E.005	.193	.32	1.75	--	--	--
07...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Pheophytin a, periphyton, mg/m2 (62359)	Pheophytin a, phytoplankton, ug/L (62360)	Chlorophyll a periphyton, chromofluoro, mg/m2 (70957)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	2Chloro-2',6'-diethyl acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl-6-methylaniline water, fltrd, ug/L (61620)	3,4-Dichloroaniline water fltrd, ug/L (61625)	3,5-Dichloroaniline water, fltrd, ug/L (61627)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Acetochlor, water, fltrd, ug/L (49260)
OCT													
07...	--	--	--	--	--	<.006	--	E.034	--	--	--	--	.014
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
16...	--	--	--	--	<.09	<.006	<.005	E.025	<.004	<.004	--	<.006	.010
FEB													
03...	--	--	--	--	<.09	<.006	<.005	E.014	<.004	<.004	--	<.006	<.006
APR													
21...	--	--	--	--	<.09	<.006	<.005	E.025	<.004	<.004	--	<.006	.047
JUN													
15...	--	23.4	--	45.9	<.09	<.006	<.005	E.031	<.004	<.004	<.004	<.006	.122
AUG													
03...	--	29.2	--	61.2	<.09	<.006	<.010	E.027	<.004	<.004	<.004	<.006	.011
17...	1.8	--	1.5	--	--	--	--	--	--	--	--	--	--
SEP													
07...	--	18.6	--	24.1	--	--	--	--	--	--	--	--	--
07...	--	--	--	--	<.09	<.006	<.005	E.009	<.004	<.004	<.004	<.006	.009

05320270 LITTLE COBB RIVER NEAR BEAUFORD, MN—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Ala-chlor, water, fltrd, ug/L (46342)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	alpha-HCH, water, fltrd, ug/L (34253)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Butyl-ate, water, fltrd, ug/L (04028)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)
OCT													
07...	<.005	--	<.005	.085	--	<.050	<.010	<.004	<.041	<.020	--	<.005	<.006
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
16...	<.005	--	--	.039	<.07	<.050	<.010	--	<.041	--	<.06	<.005	<.006
FEB													
03...	<.005	--	--	.027	<.07	<.050	<.010	--	<.041	--	<.06	<.005	<.006
APR													
21...	.007	--	--	.040	<.07	<.050	<.010	--	<.041	--	<.06	<.005	<.006
JUN													
15...	<.005	<.005	--	.226	<.07	<.050	<.010	--	<.041	<.020	<.06	<.005	<.006
AUG													
03...	<.005	<.005	--	.116	<.07	<.050	<.010	--	<.041	<.020	<.06	.022	<.006
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
07...	<.005	<.005	--	.051	<.07	<.050	<.010	--	<.041	<.020	<.06	E.005	<.006

Date	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Cyana-zine, water, fltrd, ug/L (04041)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diaz-inon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)	Dicro-tophos, water fltrd, ug/L (38454)	Diel-drin, water, fltrd, ug/L (39381)	Dimeth-oate, water, fltrd 0.7u GF ug/L (82662)	Disulf-oton sulfone water, fltrd, ug/L (61640)
OCT													
07...	--	<.018	--	--	--	<.003	<.012	--	<.005	--	<.009	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
16...	--	--	<.008	--	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	--
FEB													
03...	--	--	<.008	--	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	--
APR													
21...	--	--	<.027	--	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	--
JUN													
15...	<.008	<.018	<.027	<.009	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	.01
AUG													
03...	<.008	<.018	<.027	<.009	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	<.01
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
07...	<.008	<.018	<.027	<.009	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	<.01

Date	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal-flur-alin, water, fltrd 0.7u GF ug/L (82663)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)
OCT													
07...	<.02	--	<.004	<.009	--	--	<.005	--	--	--	<.029	<.013	<.024
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
16...	--	--	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	<.013	<.024
FEB													
03...	--	--	--	--	<.0020	<.004	--	<.049	--	<.03	<.029	<.013	<.024
APR													
21...	--	--	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.029	<.013	<.024
JUN													
15...	<.02	<.014	<.004	--	<.002	<.004	<.005	<.049	<.04	<.03	<.029	<.013	<.024
AUG													
03...	<.02	<.014	<.004	--	<.002	<.004	<.005	<.049	<.04	<.03	<.029	<.013	<.024
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
07...	<.02	<.014	<.004	--	<.002	<.004	<.005	<.049	<.04	<.03	<.029	<.013	<.024

05320270 LITTLE COBB RIVER NEAR BEAUFORD, MN—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Fipronil, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	Hexazinone, water, fltrd, ug/L (04025)	Iprodione, water, fltrd, ug/L (61593)	Isofenphos, water, fltrd, ug/L (61594)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methyl paraoxon, water, fltrd, ug/L (61664)
OCT													
07...	<.016	--	<.003	--	--	--	<.004	<.035	--	<.027	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
16...	<.016	<.003	<.003	<.013	<.387	<.003	--	--	<.030	<.027	<.005	<.006	<.03
FEB													
03...	<.016	<.003	<.003	<.013	<.387	<.003	--	--	<.030	<.027	<.005	<.006	<.03
APR													
21...	<.016	--	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005	<.006	<.03
JUN													
15...	<.016	--	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005	<.006	<.03
AUG													
03...	<.016	--	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.010	<.006	<.03
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
07...	<.016	--	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005	<.006	<.03

Date	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	Napropamide, water, fltrd 0.7u GF ug/L (82684)	Oxyfluorfen, water, fltrd, ug/L (61600)	p,p'-DDE, water, fltrd, ug/L (34653)	Parathion, water, fltrd, ug/L (39542)	Pebulate, water, fltrd 0.7u GF ug/L (82669)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)
OCT													
07...	<.015	.042	<.006	<.003	--	<.007	--	<.003	<.010	<.004	<.022	--	<.011
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
16...	<.015	.036	<.006	--	<.008	--	--	--	--	--	<.022	<.10	<.011
FEB													
03...	<.015	.033	<.006	--	<.008	--	--	--	--	--	<.022	<.10	<.011
APR													
21...	<.015	.047	<.006	--	<.008	--	--	--	--	--	<.022	<.10	<.011
JUN													
15...	<.015	.045	<.006	<.003	<.008	--	<.007	--	--	--	<.022	<.10	<.011
AUG													
03...	<.015	.022	<.006	<.005	<.008	--	<.007	--	--	--	<.022	<.10	<.011
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
07...	<.015	.025	<.006	<.003	<.008	--	<.007	--	--	--	<.022	<.10	<.011

Date	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Simazine, water, fltrd, ug/L (04035)	Tebuconazole, water, fltrd, ug/L (62852)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Tefluthrin, water, fltrd, ug/L (61606)	Terbacil, water, fltrd 0.7u GF ug/L (82665)
OCT													
07...	--	--	<.01	--	<.004	<.025	<.011	<.02	<.005	--	<.02	--	<.034
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
16...	<.05	<.008	<.01	<.005	<.004	--	--	--	<.005	--	<.02	--	--
FEB													
03...	<.05	<.008	<.01	<.005	<.004	--	--	--	<.005	--	<.02	--	--
APR													
21...	<.05	<.008	E.01	<.005	<.004	--	--	--	<.015	--	<.02	--	--
JUN													
15...	--	--	<.01	<.005	<.004	--	<.011	<.02	<.005	<.01	<.02	<.008	--
AUG													
03...	<.05	<.008	<.01	<.005	<.010	--	<.011	<.02	<.010	<.01	<.02	<.008	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
07...	--	--	E.01	<.005	<.004	--	<.011	<.02	<.005	--	<.02	<.008	--

05320270 LITTLE COBB RIVER NEAR BEAUFORD, MN—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-allate, water, fltrd 0.7u GF ug/L (82678)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Di-chlor-vos, water fltrd, ug/L (38775)	Sus-pended sedi-ment concen-tration mg/L (80154)	Bed sedi-ment, dry svd sve dia percent <.063mm (80164)	Bed sedi-ment, dry svd sve dia percent <.125mm (80165)	Bed sedi-ment, dry svd sve dia percent <.25mm (80166)
OCT													
07...	--	<.02	--	<.010	--	<.006	--	<.009	--	54	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	14	24	47
DEC													
16...	<.07	<.02	<.01	--	--	--	--	<.009	<.01	118	--	--	--
FEB													
03...	<.07	<.02	<.01	--	--	--	--	<.009	<.01	--	--	--	--
APR													
21...	<.07	<.02	<.01	--	--	--	--	<.009	<.01	--	--	--	--
JUN													
15...	<.07	<.02	<.01	<.010	<.01	--	<.015	<.009	<.01	--	--	--	--
AUG													
03...	<.07	<.02	<.01	<.010	<.01	--	<.015	<.009	<.01	29	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
07...	--	--	--	--	--	--	--	--	--	33	--	--	--
07...	<.07	<.02	<.01	<.010	<.01	--	<.015	<.009	<.01	--	--	--	--

Date	Bed sedi-ment, dry svd sve dia percent <.5 mm (80167)	Bed sedi-ment, dry svd sve dia percent <1 mm (80168)	Bed sedi-ment, dry svd sve dia percent <2 mm (80169)
OCT			
07...	--	--	--
21...	79	96	100
DEC			
16...	--	--	--
FEB			
03...	--	--	--
APR			
21...	--	--	--
JUN			
15...	--	--	--
AUG			
03...	--	--	--
17...	--	--	--
SEP			
07...	--	--	--
07...	--	--	--

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