

# North Dakota State Water Commission

900 EAST BOULEVARD AVENUE, DEPT 770 • BISMARCK, NORTH DAKOTA 58505-0850  
701-328-2750 • TDD 701-328-2750 • FAX 701-328-3696 • INTERNET: <http://swc.nd.gov>

July 29, 2009

North Dakota Department of Health  
Division of Water Quality  
918, East Divide Avenue  
Bismarck, ND – 58501-1947

RE: North Dakota Pollutant Discharge Elimination System  
Permit Number: ND-0026247

Enclosed are the Discharge Monitoring Reports (DMR) for the Devils Lake Outlet Project, permit number ND-0026247, for the period between June 1 and June 24, 2009 and the summaries of the sample results and flow data. Discharge occurred on all the days in the reporting period. The attached DMR does not include the period from June 25 to June 31<sup>st</sup> 2009 since the permit ND-0026247 was rescinded in accordance with the letter from your Department dated June 25, 2009. Please note that this will be the last DMR submitted. Future discharges will be reported in different format as agreed by your Department.

Attached to the summaries are the tables showing average daily outlet discharge, increase in the base sulfate concentration at Bremen because of the outlet operation, water quality results of the samples collected from the upstream location, downstream location and the outlet, the average daily stream flow data and the conductivity data obtained from the USGS gaging station at the upstream and the downstream location.

The table showing the base sulfate concentration at Bremen because of the outlet operation shows that the 7-day average sulfate concentration at Bremen is higher than 7-day average of the target sulfate concentration determined based on the permit for many days. The permit violation is mostly because of the shift applied to the USGS flow data after the discharge had occurred.

If you have any questions regarding these reports, please contact me at 701-328-4958.

Sincerely,

Bruce Engelhardt P.E.  
Head, Investigations Section  
BE:SP:416-10  
Enclosure

PERMITTEE NAME/ADDRESS

NAME: ND State Water Commission

ADDRESS: Bismarck ND 58506

NORTH DAKOTA POLLUTANT DISCHARGE ELIMINATION SYSTEM (NDPDES)  
DISCHARGE MONITORING REPORT (DMR)

ND-0026247  
PERMIT NUMBER

001 A  
OUTFALL NO.

1 / Month  
Outlet General Summary  
F- FINAL  
MINOR


FACILITY: Devils Lake Outlet Project

LOCATION: Benson Co, ND

MONITORING PERIOD  
6/1/09 TO 6/24/09

NO DISCHARGE:

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
pH	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX	8.3		8.8				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT				7.0 (see Perm) MINIMUM	*****	9.0 (See Perm) MAXIMUM	SU		Weekly	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX		14.3	25.0				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT				*****	REPORT 30 DA AVG	100 mg/l DAILY MAX	MG/L		Weekly	GRAB
SPECIFIC CONDUCTANCE	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX	1537.58		1826.95				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT				REPORT MINIMUM	*****	REPORT MAXIMUM	umho/cm		Continuous	Recorder
SULFATE	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX		577.11	587.8				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT				*****	REPORT 30 DA AVG	REPORT MAX 7 DAY AVG	MG/L		5 x Week	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	67.75	99.4		XXXXX	XXXXX	XXXXX	XXX			
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AVG	100 (see perm) DAILY MAX	cfs						Continuous	Recorder
FLOW, TOTAL	SAMPLE MEASUREMENT	XXXXX	1051		XXXXX	XXXXX	XXXXX	XXX			
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	REPORT 30 DA TOTAL	MGAL						Monthly	CALC
DURATION OF DISCHARGE	SAMPLE MEASUREMENT	XXXXX	XXXXX		XXXXX	XXXXX	24				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT						REPORT MAXIMUM	DAYS		Monthly	CALC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Bruce Engelhardt Head, Investigations Section TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			701-328-4954	7/28/09
			Number	Mo - Day - Year

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Attach summary individual sample results and flow data for outlet, upstream & downstream monitoring locations.  
Provide process control monitoring information by attachment or through electronic media.

**Water Quality Results of the samples collected at the outlet  
Devils Lake Outlet**

Date	Time	Sampler	Average Daily EC from Outlet Telemetry (µS/cm)	Lab pH	Lab Sulfate (mg/L)	7 Day Rolling Average of Sulfate for the operating period (mg/L)	Total Suspended Solids (mg/L)	No. of days included in the 7 day Rolling average
6/1/2009	18:40	NDSWC	1,550.82	8.31	591	586	-	7
6/2/2009	9:45	NDSWC	1,612.82	8.32	588	587.8	-	7
6/3/2009	9:00	NDSWC	1,657.72	8.27	586	587	25	7
6/4/2009	11:20	NDSWC	1,724.33	8.48	587	587.2	-	7
6/5/2009	11:30	NDSWC	1,796.04	8.52	583	587	-	7
6/6/2009	-	-	1,796.28	-	-	587	-	7
6/7/2009	-	-	1,796.14	-	-	587	-	7
6/8/2009	11:15	NDSWC	1,783.17	8.42	570	582.8	-	7
6/9/2009	8:40	NDSWC	1,728.62	8.35	575	580.2	-	7
6/10/2009	9:00	NDSWC	1,748.31	8.35	575	578	17	7
6/11/2009	8:10	NDSWC	1,807.32	8.25	574	575.4	-	7
6/12/2009	10:00	NDSWC	1,780.50	8.53	591	577	-	7
6/13/2009	-	-	1,537.58	-	-	577	-	7
6/14/2009	-	-	1,585.96	-	-	577	-	7
6/15/2009	8:40	NDSWC	1,814.10	8.25	571	577.2	-	7
6/16/2009	15:40	NDSWC	1,813.87	8.69	573	576.8	-	7
6/17/2009	8:45	NDSWC	1,816.69	8.26	574	576.6	8	7
6/18/2009	17:10	NDSWC	1,771.05	8.68	544	570.6	-	7
6/19/2009	9:40	NDSWC	1,758.54	8.3	569	566.2	-	7
6/20/2009	-	-	1,727.63	-	-	566.2	-	7
6/21/2009	-	-	1,787.76	-	-	566.2	-	7
6/22/2009	10:10	NDSWC	1,802.64	8.39	574	566.8	-	7
6/23/2009	8:15	NDSWC	1,826.95	8.56	586	569.4	7	7
6/24/2009	17:45	NDSWC	1,816.91	8.81	577	570	-	7

Target and measured sulfate at downstream location (Bremen)

Date	Average Daily Outlet Flow (cfs)	Gaged flow at Bremen (cfs)	Sulfate at the Outlet (mg/L)	Sulfate at Bremen (mg/L)	Baseflow at Bremen (cfs)	Background Concentration (mg/L)	Target sulfate at Bremen based on the permit (mg/L)	7 Day Rolling Average of target sulfate at Bremen during the operating period (mg/L)	7 Day Rolling Average of actual measured sulfate at Bremen during the operating period (mg/L)	No. of days included in the 7 day Rolling average
6/1/09	96.65	266	591	403	169.35	295.70	340.06	427	425.6	7
6/2/09	95.17	258	588	401	162.83	291.71	335.46	404	420	7
6/3/09	97.53	248	586	394	150.47	269.55	309.98	376	412.8	7
6/4/09	99.40	240	587	406	140.60	278.03	319.73	350	407.4	7
6/5/09	99.16	233	583	406	133.84	274.86	316.09	324	402	7
6/6/09	77.90	227	-	-	149.10	-	-	324	402	7
6/7/09	83.46	201	-	-	117.54	-	-	324	402	7
6/8/09	69.68	207	570	385	137.32	291.12	334.79	323	398.4	7
6/9/09	68.65	191	575	407	122.35	312.74	359.65	328	399.6	7
6/10/09	97.06	195	575	380	97.94	186.74	300.00	326	396.8	7
6/11/09	94.78	221	574	406	126.22	279.86	321.84	326	396.8	7
6/12/09	16.52	208	591	410	191.48	394.39	450.00	353	397.6	7
6/13/09	85.80	165	-	-	79.20	-	-	353	397.6	7
6/14/09	89.10	208	-	-	118.90	-	-	353	397.6	7
6/15/09	88.44	223	571	407	134.56	299.22	344.10	355	402	7
6/16/09	33.92	218	573	413	184.08	383.52	441.05	371	403.2	7
6/17/09	35.22	181	574	393	145.78	349.28	401.67	392	405.8	7
6/18/09	30.27	175	544	355	144.73	315.47	362.79	400	395.6	7
6/19/09	54.08	181	569	351	126.92	258.10	300.00	370	383.8	7
6/20/09	45.01	194	-	-	148.99	-	-	370	383.8	7
6/21/09	55.68	187	-	-	131.32	-	-	370	383.8	7
6/22/09	48.50	184	574	381	135.50	311.93	358.72	373	378.6	7
6/23/09	22.58	163	586	373	140.42	338.75	389.56	363	370.6	7
6/24/09	41.50	139	577	337	97.50	234.86	300.00	342	359.4	7

**Daily Outlet Discharge for the Month of June 2009**

<b>Date</b>	<b>Average Daily Outlet Discharge (cfs)</b>	<b>Total Daily Volume (cu-ft)</b>
6/1/09	96.65	8,350,681
6/2/09	95.17	8,222,501
6/3/09	97.53	8,426,763
6/4/09	99.40	8,588,572
6/5/09	99.16	8,567,681
6/6/09	77.90	6,730,199
6/7/09	83.46	7,211,023
6/8/09	69.68	6,020,601
6/9/09	68.65	5,931,363
6/10/09	97.06	8,386,316
6/11/09	94.78	8,188,606
6/12/09	16.52	1,426,968
6/13/09	85.80	7,412,991
6/14/09	89.10	7,697,952
6/15/09	88.44	7,640,916
6/16/09	33.92	2,930,396
6/17/09	35.22	3,042,666
6/18/09	30.27	2,615,300
6/19/09	54.08	4,672,745
6/20/09	45.01	3,888,565
6/21/09	55.68	4,810,523
6/22/09	48.50	4,189,980
6/23/09	22.58	1,950,833
6/24/09	41.50	3,585,380

<b>Total</b>		140,489,523	cu-ft
<b>Total</b>		1051	Mgal
<b>Total</b>		3225	Ac-ft
<b>Average Flow</b>	67.75	cfs	

PERMITTEE NAME/ADDRESS

NAME: ND State Water Commission  
 ADDRESS: Bismarck ND 58506

NORTH DAKOTA POLLUTANT DISCHARGE ELIMINATION SYSTEM (NDPDES)  
 DISCHARGE MONITORING REPORT (DMR)


1 / Month  
 Upstream General Summary  
 F- FINAL.  
 MINOR

ND-0026247	001 A
PERMIT NUMBER	OUTFALL NO.
MONITORING PERIOD	
6/1/09	TO 6/24/09

FACILITY: Devils Lake Outlet Project  
 LOCATION: Benson Co, ND

NO DISCHARGE:

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
pH UPSTREAM	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX	8.2		8.35				
	PERMIT REQUIREMENT				REPORT MINIMUM	*****	REPORT MAXIMUM	SU		Weekly	GRAB
SOLIDS, TOTAL SUSPENDED UPSTREAM	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX		13.0	16.0				
	PERMIT REQUIREMENT				*****	REPORT 30 DA AVG	REPORT DAILY MAX	MG/L		Weekly	GRAB
SPECIFIC CONDUCTANCE UPSTREAM	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX	1250		1380				
	PERMIT REQUIREMENT				REPORT MINIMUM	*****	REPORT MAXIMUM	umho/cm		Continuous	Recorder
SULFATE UPSTREAM	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX		280.33	362.2				
	PERMIT REQUIREMENT				*****	REPORT 30 DA AVG	REPORT MAX 7 DAY AVG	MG/L		6 x Week	GRAB
FLOW, INSTREAM UPSTREAM	SAMPLE MEASUREMENT	147.98	245		XXXXX	XXXXX	XXXXX	XXX			
	PERMIT REQUIREMENT	REPORT 30 DA AVG	REPORT DAILY MAX	cfs						Continuous	Recorder
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Bruce Engelhardt Head, Investigations Section TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. (Reference all attachments here)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			701-328-4954 Number	7/28/09 Mo - Day - Year

COMMENT AND EXPLANATION OF ANY VIOLATIONS

Attach summary individual sample results and flow data for outlet, upstream & downstream monitoring locations.  
 Provide process control monitoring information by attachment or through electronic media.  
 Instream samples and measurements for this summary pertain only to time periods when outlet is actually operated.

EPA FORM 3320-1 (REV. 9-88) TEMPLATE COPY

**Water Quality Results of the samples collected from the upstream location near Flora  
Sheyenne River Above Devils Lake Outlet Near Flora**

Date	Time	Sampler	USGS EC (µS/cm)	Lab pH	Lab Sulfate (mg/L)	7 Day Rolling Average of Sulfate for the operating period (mg/L)	Total Suspended Solids (mg/L)	No. of days Included in the 7 day Rolling average
6/1/09	18:20	NDSWC	1290	8.23	297	362.2	-	7
6/2/09	9:30	NDSWC	1280	8.25	297	351.4	-	7
6/3/09	9:40	NDSWC	1260	8.24	291	321.2	9	7
6/4/09	14:30	NDSWC	1260	8.32	286	306.4	-	7
6/5/09	10:30	NDSWC	1250	8.35	284	291	-	7
6/6/09	-	-	-	-	-	291	-	7
6/7/09	-	-	-	-	-	291	-	7
6/8/09	11:00	NDSWC	1270	8.25	277	287	-	7
6/9/09	8:30	NDSWC	1270	8.22	277	283	-	7
6/10/09	9:20	NDSWC	1280	8.3	282	281.2	11	7
6/11/09	7:55	NDSWC	1280	8.2	276	279.2	-	7
6/12/09	9:40	NDSWC	1280	8.24	275	277.4	-	7
6/13/09	-	-	-	-	-	277.4	-	7
6/14/09	-	-	-	-	-	277.4	-	7
6/15/09	8:20	NDSWC	1320	8.28	282	278.4	-	7
6/16/09	15:30	NDSWC	1380	8.23	295	282	-	7
6/17/09	9:15	NDSWC	1360	8.21	291	283.8	16	7
6/18/09	17:00	NDSWC	1360	8.19	286	285.8	-	7
6/19/09	9:30	NDSWC	1350	8.16	281	287	-	7
6/20/09	-	-	-	-	-	287	-	7
6/21/09	-	-	-	-	-	287	-	7
6/22/09	10:00	NDSWC	1330	8.22	269	284.4	-	7
6/23/09	8:45	NDSWC	1320	8.3	254	276.2	16	7
6/24/09	17:30	NDSWC	1320	8.26	246	267.2	-	7

**Average daily streamflow and conductivity data at the upstream location near Flora**

<b>USGS Gaging Station Data</b>		
<b>Sheyenne River Above Devils Lake Outlet</b>		
<b>Date</b>	<b>Streamflow (cfs)</b>	<b>EC (<math>\mu</math>S/cm)</b>
6/1/09	245	1290
6/2/09	223	1280
6/3/09	203	1260
6/4/09	183	1260
6/5/09	167	1260
6/6/09	156	1260
6/7/09	146	1260
6/8/09	147	1270
6/9/09	149	1270
6/10/09	151	1280
6/11/09	151	1280
6/12/09	140	1280
6/13/09	134	1280
6/14/09	128	1290
6/15/09	124	1300
6/16/09	129	1340
6/17/09	141	1370
6/18/09	140	1360
6/19/09	140	1370
6/20/09	133	1380
6/21/09	117	1360
6/22/09	108	1330
6/23/09	103	1320
6/24/09	93	1320



PERMITTEE NAME/ADDRESS

NAME: ND State Water Commission  
 ADDRESS: Bismarck ND 58506

NORTH DAKOTA POLLUTANT DISCHARGE ELIMINATION SYSTEM (NDPDES)  
 DISCHARGE MONITORING REPORT (DMR)

1 / Month  
 Downstream General Summary  
 F- FINAL  
 MINOR

ND-0026247  
 PERMIT NUMBER

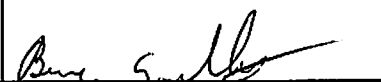
001 A  
 OUTFALL NO.

FACILITY: Devils Lake Outlet Project  
 LOCATION: Benson Co, ND

MONITORING PERIOD  
 6/1/09 TO 6/24/09

NO DISCHARGE:

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
pH DOWNSTREAM	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX	8.2		8.4				
	PERMIT REQUIREMENT				REPORT MINIMUM	*****	REPORT MAXIMUM	SU		Weekly	GRAB
SOLIDS, TOTAL SUSPENDED DOWNSTREAM	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX		13.0	19.0				
	PERMIT REQUIREMENT				*****	REPORT 30 DA AVG	REPORT DAILY MAX	MG/L		Weekly	GRAB
SPECIFIC CONDUCTANCE DOWNSTREAM	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX	1440		1570				
	PERMIT REQUIREMENT				REPORT MINIMUM	*****	REPORT MAXIMUM	umho/cm		Continuous	Recorder
SULFATE DOWNSTREAM	SAMPLE MEASUREMENT	XXXXX	XXXXX	XXX		389.33	425.6				
	PERMIT REQUIREMENT				*****	REPORT 30 DA AVG	450 mg/l MAX 7 DAY AVG	MG/L		5 x Week	GRAB
FLOW, INSTREAM DOWNSTREAM	SAMPLE MEASUREMENT	204.71	266		XXXXX	XXXXX	XXXXX	XXX			
	PERMIT REQUIREMENT	REPORT 30 DA AVG	600 (see perm) DAILY MAX	cfs						Continuous	Recorder
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Bruce Engelhardt Head, Investigations Section  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			701-328-4954	7/28/09
			Number	Mo - Day - Year

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 Attach summary individual sample results and flow data for outlet, upstream & downstream monitoring locations.  
 Provide process control monitoring information by attachment or through electronic media.  
 Instream samples and measurements for this summary pertain only to time periods when outlet is actually operated.

**Water Quality Results of the samples collected from the downstream location near Bremen  
 Sheyenne River Below Devils Lake Outlet Near Bremen**

Date	Time	Sampler	USGS EC ( $\mu$ S/cm)	Lab pH	Lab Sulfate (mg/L)	7 Day Rolling Average of Sulfate for the operating period (mg/L)	Total Suspended Solids (mg/L)	No. of days included in the 7 day Rolling average
6/1/09	6:00	NDSWC	1460	8.26	403	425.6	-	7
6/2/09	9:00	NDSWC	1460	8.28	401	420	-	7
6/3/09	10:30	NDSWC	1470	8.3	394	412.8	6	7
6/4/09	15:00	NDSWC	1480	8.42	406	407.4	-	7
6/5/09	11:00	NDSWC	1490	8.39	406	402	-	7
6/6/09	-	-	-	-	-	402	-	7
6/7/09	-	-	-	-	-	402	-	7
6/8/09	10:30	NDSWC	1460	8.29	385	398.4	-	7
6/9/09	9:20	NDSWC	1500	8.29	407	399.6	-	7
6/10/09	9:45	NDSWC	1450	8.35	380	396.8	10	7
6/11/09	8:40	NDSWC	1510	8.25	406	396.8	-	7
6/12/09	9:10	NDSWC	1520	8.27	410	397.6	-	7
6/13/09	-	-	-	-	-	397.6	-	7
6/14/09	-	-	-	-	-	397.6	-	7
6/15/09	9:00	NDSWC	1540	8.31	407	402	-	7
6/16/09	15:00	NDSWC	1570	8.28	413	403.2	-	7
6/17/09	9:45	NDSWC	1530	8.29	393	405.8	17	7
6/18/09	16:30	NDSWC	1480	8.21	355	395.6	-	7
6/19/09	9:00	NDSWC	1460	8.19	351	383.8	-	7
6/20/09	-	-	-	-	-	383.8	-	7
6/21/09	-	-	-	-	-	383.8	-	7
6/22/09	9:20	NDSWC	1520	8.22	381	378.6	-	7
6/23/09	9:15	NDSWC	1530	8.29	373	370.6	19	7
6/24/09	17:00	NDSWC	1440	8.31	337	359.4	-	7

**Average daily streamflow and conductivity data at the downstream location near Bremen**

<b>USGS Gaging Station Data</b>		
<b>Sheyenne River Below Devils Lake Outlet</b>		
<b>Date</b>	<b>Streamflow (cfs)</b>	<b>EC (<math>\mu</math>S/cm)</b>
6/1/09	266	1460
6/2/09	258	1460
6/3/09	248	1470
6/4/09	240	1480
6/5/09	233	1490
6/6/09	227	1500
6/7/09	201	1490
6/8/09	207	1460
6/9/09	191	1490
6/10/09	195	1440
6/11/09	221	1500
6/12/09	208	1510
6/13/09	165	1450
6/14/09	208	1480
6/15/09	223	1540
6/16/09	218	1550
6/17/09	181	1510
6/18/09	175	1480
6/19/09	181	1450
6/20/09	194	1520
6/21/09	187	1540
6/22/09	184	1520
6/23/09	163	1530
6/24/09	139	1470