

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>

June 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 month of May 2009 and the summaries of the sample results and flow data. Also enclosed are the toxicity test results prepared by the Environmental Toxicity Control Inc.

Effluent sample from the Devils Lake outlet for the Acute Toxicity Evaluation was collected on May 26th 2009. The report indicates that the sample passed the Acute Toxicity Evaluation test.

The days the outlet is discharged are highlighted in yellow in the summaries. 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 maximum pH reported for the outlet sample is 9.3, that is greater than the permit maximum of 9.0. The pH of 9.34 was measured in the lab for the sample collected on May 22nd. However, the field-measured pH of the same sample was only 8.43, which is within the permitted range. The field pH meter used is calibrated at least once a week.

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


ND-0026247
 PERMIT NUMBER

001 A
 OUTFALL NO.

MONITORING PERIOD
 5/1/09 TO 5/31/09

NO DISCHARGE:

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

| PARAMETER | QUANTITY OR LOADING | | QUANTITY OR CONCENTRATION | | NO. EX. | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|---------------------|--|---------------------------|------------------------|---------|-----------------------|---------------------|
| | AVERAGE | MAXIMUM | MINIMUM | AVERAGE | | | |
| pH | XXXXX | XXXXX | 8.2 | 9.3 | | | |
| EFFLUENT GROSS VALUE | | | 7.0 (see Perm) MINIMUM | 9.0 (See Perm) MAXIMUM | | | Weekly GRAB |
| SOLIDS, TOTAL SUSPENDED | XXXXX | XXXXX | | <5 | | | |
| EFFLUENT GROSS VALUE | | | REPORT 30 DA AVG | 100 mg/l DAILY MAX | | | Weekly GRAB |
| SPECIFIC CONDUCTANCE | XXXXX | XXXXX | 983.65 | 1702.41 | | | |
| EFFLUENT GROSS VALUE | | | REPORT MINIMUM | REPORT MAXIMUM | | | Continuous Recorder |
| SULFATE | XXXXX | XXXXX | | 513.33 | | | |
| EFFLUENT GROSS VALUE | | | REPORT 30 DA AVG | REPORT MAX 7 DAY AVG | | | 5 x Week GRAB |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT | 40.85 | 100 | XXXXX | XXXXX | | | |
| EFFLUENT GROSS VALUE | REPORT 30 DA AVG | 100 (see perm) DAILY MAX | | | | | Continuous Recorder |
| FLOW, TOTAL | XXXXX | 284 | XXXXX | XXXXX | | | |
| EFFLUENT GROSS VALUE | REPORT 30 DA TOTAL | MGAL | | | | | Monthly CALC |
| DURATION OF DISCHARGE | XXXXX | XXXXX | XXXXX | 10 | | | |
| EFFLUENT GROSS VALUE | | | REPORT MAXIMUM | REPORT MAXIMUM | | | Monthly CALC |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | TELEPHONE | | DATE | |
| Bruce Engelhardt | |  | | 701-328-4954 | | 6/29/09 | |
| TYPED OR PRINTED | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | Number | | 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.

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 |
|---------|---------------------------------|----------------------------|------------------------------|--------------------------|--------------------------|---------------------------------|---|--|---|---|
| 5/1/09 | 0.00 | 863 | - | - | 863.00 | - | - | - | - | - |
| 5/2/09 | 0.00 | 787 | - | - | 787.00 | - | - | - | - | - |
| 5/3/09 | 0.00 | 707 | - | - | 707.00 | - | - | - | - | - |
| 5/4/09 | 0.00 | 640 | - | - | 640.00 | - | - | - | - | - |
| 5/5/09 | 0.00 | 584 | - | 289 | 584.00 | - | - | - | - | - |
| 5/6/09 | 0.00 | 527 | - | 294 | 527.00 | - | - | - | - | - |
| 5/7/09 | 0.00 | 477 | - | 293 | 477.00 | - | - | - | - | - |
| 5/8/09 | 0.00 | 434 | - | 293 | 434.00 | - | - | - | - | - |
| 5/9/09 | 0.00 | 391 | - | - | 391.00 | - | - | - | - | - |
| 5/10/09 | 0.00 | 353 | - | - | 353.00 | - | - | - | - | - |
| 5/11/09 | 0.00 | 325 | - | 299 | 325.00 | - | - | - | - | - |
| 5/12/09 | 0.00 | 304 | - | 303 | 304.00 | - | - | - | - | - |
| 5/13/09 | 0.00 | 278 | - | 303 | 278.00 | - | - | - | - | - |
| 5/14/09 | 0.00 | 277 | - | 311 | 277.00 | - | - | - | - | - |
| 5/15/09 | 0.00 | 272 | - | 311 | 272.00 | - | - | - | - | - |
| 5/16/09 | 0.00 | 251 | - | - | 251.00 | - | - | - | - | - |
| 5/17/09 | 0.00 | 230 | - | - | 230.00 | - | - | - | - | - |
| 5/18/09 | 0.00 | 220 | - | 306 | 220.00 | - | - | - | - | - |
| 5/19/09 | 0.00 | 206 | - | 293 | 206.00 | - | - | - | - | - |
| 5/20/09 | 0.00 | 189 | - | 292 | 189.00 | - | - | - | - | - |
| 5/21/09 | 0.00 | 164 | - | 290 | 164.00 | - | - | - | - | - |
| 5/22/09 | 6.23 | 150 | 177 | 290 | 143.77 | 294.90 | 339 | 339 | 290 | 1 |
| 5/23/09 | 31.35 | 148 | - | - | 116.65 | - | 450 | 395 | 290 | 2 |
| 5/24/09 | 28.19 | 155 | - | - | 126.81 | - | 450 | 413 | 290 | 3 |
| 5/25/09 | 9.83 | 162 | 564 | 351 | 152.17 | 337.25 | 388 | 407 | 321 | 4 |
| 5/26/09 | 21.71 | 178 | 579 | 429 | 156.29 | 408.16 | 450 | 415 | 357 | 5 |
| 5/27/09 | 17.41 | 224 | 590 | 430 | 206.59 | 416.52 | 450 | 421 | 375 | 6 |
| 5/28/09 | 29.99 | 255 | 586 | 433 | 225.01 | 412.61 | 450 | 425 | 387 | 7 |
| 5/29/09 | 63.93 | 281 | 584 | 433 | 217.07 | 388.53 | 447 | 441 | 415 | 7 |
| 5/30/09 | 99.79 | 296 | - | - | 196.21 | - | - | 439 | 415 | 7 |
| 5/31/09 | 100.10 | 300 | - | - | 199.90 | - | - | 437 | 415 | 7 |

Daily Outlet Discharge for the Month of May 2009

| Date | Average Daily Outlet Discharge (cfs) | Total Daily Volume (cu-ft) |
|---------|--------------------------------------|----------------------------|
| 5/1/09 | 0 | 0 |
| 5/2/09 | 0 | 0 |
| 5/3/09 | 0 | 0 |
| 5/4/09 | 0 | 0 |
| 5/5/09 | 0 | 0 |
| 5/6/09 | 0 | 0 |
| 5/7/09 | 0 | 0 |
| 5/8/09 | 0 | 0 |
| 5/9/09 | 0 | 0 |
| 5/10/09 | 0 | 0 |
| 5/11/09 | 0 | 0 |
| 5/12/09 | 0 | 0 |
| 5/13/09 | 0 | 0 |
| 5/14/09 | 0 | 0 |
| 5/15/09 | 0 | 0 |
| 5/16/09 | 0 | 0 |
| 5/17/09 | 0 | 0 |
| 5/18/09 | 0 | 0 |
| 5/19/09 | 0 | 0 |
| 5/20/09 | 0 | 0 |
| 5/21/09 | 0 | 0 |
| 5/22/09 | 6 | 538,365 |
| 5/23/09 | 31 | 2,708,422 |
| 5/24/09 | 28 | 2,435,506 |
| 5/25/09 | 10 | 848,902 |
| 5/26/09 | 22 | 1,875,918 |
| 5/27/09 | 17 | 1,503,978 |
| 5/28/09 | 30 | 2,591,349 |
| 5/29/09 | 64 | 5,523,196 |
| 5/30/09 | 100 | 8,621,880 |
| 5/31/09 | 100 | 8,648,904 |

| | | | |
|---------------------|-------|------------|-------|
| Total | | 35,296,418 | cu-ft |
| Total | | 264 | Mgal |
| Total | | 810 | Ac-ft |
| Average Flow | 40.85 | cfs | |

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

| Date | Time | Sampler | Average Daily EC from Outlet Telemetry(μ 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 |
|---------|-------|---------|---|--------|--------------------|--|-------------------------------|---|
| 5/1/09 | - | - | 6.55 | - | - | - | - | - |
| 5/2/09 | - | - | 6.09 | - | - | - | - | - |
| 5/3/09 | - | - | 5.74 | - | - | - | - | - |
| 5/4/09 | - | - | 4.99 | - | - | - | - | - |
| 5/5/09 | - | - | 4.27 | - | - | - | - | - |
| 5/6/09 | - | - | 4.02 | - | - | - | - | - |
| 5/7/09 | - | - | 5.16 | - | - | - | - | - |
| 5/8/09 | - | - | 7.39 | - | - | - | - | - |
| 5/9/09 | - | - | 7.66 | - | - | - | - | - |
| 5/10/09 | - | - | 6.11 | - | - | - | - | - |
| 5/11/09 | - | - | 4.56 | - | - | - | - | - |
| 5/12/09 | - | - | 3.57 | - | - | - | - | - |
| 5/13/09 | - | - | 5.20 | - | - | - | - | - |
| 5/14/09 | - | - | 6.28 | - | - | - | - | - |
| 5/15/09 | - | - | 518.87 | - | - | - | - | - |
| 5/16/09 | - | - | 1,595.82 | - | - | - | - | - |
| 5/17/09 | - | - | 1,885.52 | - | - | - | - | - |
| 5/18/09 | - | - | 2,046.72 | - | - | - | - | - |
| 5/19/09 | - | - | 2,104.41 | - | - | - | - | - |
| 5/20/09 | - | - | 2,112.02 | - | - | - | - | - |
| 5/21/09 | - | - | 2,114.93 | - | - | - | - | - |
| 5/22/09 | 17:20 | NDSWC | 993.65 | 9.34 | 177 | 177.00 | - | 1 |
| 5/23/09 | - | - | 1,595.58 | - | - | 177.00 | - | 2 |
| 5/24/09 | - | - | 1,659.36 | - | - | 177.00 | - | 3 |
| 5/25/09 | 11:10 | NDSWC | 1,617.44 | 8.3 | 564 | 370.50 | - | 4 |
| 5/26/09 | 8:20 | NDSWC | 1,625.13 | 8.26 | 579 | 440.00 | - | 5 |
| 5/27/09 | 9:30 | NDSWC | 1,613.06 | 8.44 | 590 | 477.50 | <5 | 6 |
| 5/28/09 | 20:40 | NDSWC | 1,664.73 | 8.21 | 586 | 499.20 | - | 7 |
| 5/29/09 | 10:10 | NDSWC | 1,702.41 | 8.2 | 584 | 580.60 | - | 7 |
| 5/30/09 | - | - | 1,607.72 | - | - | 580.60 | - | 7 |
| 5/31/09 | - | - | 1,517.74 | - | - | 580.60 | - | 7 |

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

ND-0026247
 PERMIT NUMBER

001 A
 OUTFALL NO.

MONITORING PERIOD
 5/1/09 TO 5/31/09

NO DISCHARGE:

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

| PARAMETER | QUANTITY OR LOADING | | QUALITY OR CONCENTRATION | | | NO. EX. | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|-------------------------|---------------------|------------------|--------------------------|----------------|----------------------|---------|-----------------------|-------------|
| | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | | | |
| pH | SAMPLE MEASUREMENT | XXXXX | XXXX | 8.2 | 8.4 | | | |
| | PERMIT REQUIREMENT | | | REPORT MINIMUM | REPORT MAXIMUM | | Weekly | GRAB |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | XXXXX | XXXX | | 8.0 | | | |
| | PERMIT REQUIREMENT | | | ***** | REPORT DAILY MAX | MG/L | Weekly | GRAB |
| UPSTREAM | SAMPLE MEASUREMENT | XXXXX | XXXX | 1210 | 1460 | | | |
| | PERMIT REQUIREMENT | | | REPORT MINIMUM | REPORT MAXIMUM | umho/cm | Continuous | Recorder |
| SULFATE | SAMPLE MEASUREMENT | XXXXX | XXXX | | 347.17 | | | |
| | PERMIT REQUIREMENT | | | ***** | REPORT MAX 7 DAY AVG | MG/L | 5 x Week | GRAB |
| UPSTREAM | SAMPLE MEASUREMENT | 214 | 280 | | XXXXX | | | |
| | PERMIT REQUIREMENT | REPORT 30 DA AVG | REPORT DAILY MAX | | XXXXX | | Continuous | Recorder |
| FLOW, INSTREAM | SAMPLE MEASUREMENT | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | |
| UPSTREAM | SAMPLE MEASUREMENT | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | |


NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Bruce Engelhardt
 Head, Investigations Section

TYPED OR PRINTED

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.

TELEPHONE
 701-328-4954

DATE
 6/29/09

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


Number
 Number

Mo - Day - Year
 Mo - Day - Year

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

| Date | Time | Sampler | USGS EC (μ 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 |
|---------|-------|---------|--------------------------|--------|-----------------------|--|--|---|
| 5/1/09 | - | - | - | - | - | - | - | - |
| 5/2/09 | - | - | - | - | - | - | - | - |
| 5/3/09 | - | - | - | - | - | - | - | - |
| 5/4/09 | - | - | - | - | - | - | - | - |
| 5/5/09 | 15:15 | NDSWC | - | 8.19 | 285 | - | - | - |
| 5/6/09 | 14:00 | NDSWC | - | 8.2 | 285 | - | - | - |
| 5/7/09 | 14:30 | NDSWC | 1150 | 8.27 | 285 | - | - | - |
| 5/8/09 | 8:40 | NDSWC | 1010 | 8.23 | 283 | - | - | - |
| 5/9/09 | - | - | - | - | - | - | - | - |
| 5/10/09 | - | - | - | - | - | - | - | - |
| 5/11/09 | 12:15 | NDSWC | 1040 | 8.22 | 291 | - | - | - |
| 5/12/09 | 17:55 | NDSWC | 1050 | 8.29 | 303 | - | - | - |
| 5/13/09 | 8:50 | NDSWC | 1050 | 8.28 | 297 | - | 22 | - |
| 5/14/09 | 16:40 | NDSWC | 1200 | 8.24 | 299 | - | - | - |
| 5/15/09 | 15:00 | NDSWC | 1200 | 8.25 | 298 | - | - | - |
| 5/16/09 | - | - | - | - | - | - | - | - |
| 5/17/09 | - | - | - | - | - | - | - | - |
| 5/18/09 | 17:20 | NDSWC | 1210 | 8.33 | 283 | - | - | - |
| 5/19/09 | 18:00 | NDSWC | 1200 | 8.34 | 280 | - | - | - |
| 5/20/09 | 8:15 | NDSWC | 1200 | 8.3 | 281 | - | 12 | - |
| 5/21/09 | 17:30 | NDSWC | 1210 | 8.35 | 279 | - | - | - |
| 5/22/09 | 17:35 | NDSWC | 1210 | 8.36 | 279 | 279.00 | - | 1 |
| 5/23/09 | - | - | - | - | - | 279.00 | - | 2 |
| 5/24/09 | - | - | - | - | - | 279.00 | - | 3 |
| 5/25/09 | 11:00 | NDSWC | 1230 | 8.24 | 290 | 284.50 | - | 4 |
| 5/26/09 | 9:10 | NDSWC | 1320 | 8.24 | 351 | 306.67 | - | 5 |
| 5/27/09 | 10:00 | NDSWC | 1460 | 8.23 | 442 | 340.50 | 8 | 6 |
| 5/28/09 | 8:30 | NDSWC | 1410 | 8.25 | 360 | 344.40 | - | 7 |
| 5/29/09 | 10:00 | NDSWC | 1360 | 8.23 | 361 | 360.80 | - | 7 |
| 5/30/09 | - | - | - | - | - | 360.80 | - | 7 |
| 5/31/09 | - | - | - | - | - | 360.80 | - | 7 |

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

| USGS Gaging Station Data | | |
|----------------------------------|------------------|------------------|
| Sheyenne River Above Devils Lake | | |
| Date | Streamflow (cfs) | EC (μ S/cm) |
| 5/1/09 | - | - |
| 5/2/09 | - | - |
| 5/3/09 | - | - |
| 5/4/09 | - | - |
| 5/5/09 | - | - |
| 5/6/09 | - | - |
| 5/7/09 | - | - |
| 5/8/09 | 433 | 1150 |
| 5/9/09 | 402 | 1160 |
| 5/10/09 | 373 | 1180 |
| 5/11/09 | 350 | 1180 |
| 5/12/09 | 330 | 1180 |
| 5/13/09 | 335 | 1180 |
| 5/14/09 | 328 | 1190 |
| 5/15/09 | 318 | 1200 |
| 5/16/09 | 299 | 1210 |
| 5/17/09 | 284 | 1210 |
| 5/18/09 | 262 | 1210 |
| 5/19/09 | 250 | 1190 |
| 5/20/09 | 232 | 1200 |
| 5/21/09 | 207 | 1210 |
| 5/22/09 | 192 | 1210 |
| 5/23/09 | 178 | 1220 |
| 5/24/09 | 165 | 1220 |
| 5/25/09 | 177 | 1240 |
| 5/26/09 | 243 | 1330 |
| 5/27/09 | - | 1440 |
| 5/28/09 | - | 1410 |
| 5/29/09 | - | 1360 |
| 5/30/09 | 280 | 1310 |
| 5/31/09 | 263 | 1300 |

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

PERMITTEE NAME/ADDRESS
ND State Water Commission
Bismarck ND 58506

1 / Month
Downstream General Summary
F - FINAL
MINOR

| | |
|---------------|-------------|
| ND-0026247 | 001 A |
| PERMIT NUMBER | OUTFALL NO. |

| | |
|-------------------|---------------|
| MONITORING PERIOD | NO DISCHARGE: |
| 5/1/09 TO 5/31/09 | |

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

| PARAMETER | QUANTITY OR LOADING | | QUALITY OR CONCENTRATION | | | | NO. EX. | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|-------------------------|---------------------|------------------|--------------------------|----------------|------------------|---------|------------|-----------------------|-------------|
| | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | | | |
| pH | SAMPLE MEASUREMENT | XXXXX | XXXX | 8.2 | 8.4 | | | | |
| | PERMIT REQUIREMENT | | | REPORT MINIMUM | REPORT MAXIMUM | SU | Weekly | GRAB | |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | XXXXX | XXXX | | 12.0 | | | | |
| | PERMIT REQUIREMENT | | | ***** | REPORT DAILY MAX | MGL | Weekly | GRAB | |
| SPECIFIC CONDUCTANCE | SAMPLE MEASUREMENT | XXXXX | XXXX | 1260 | 1510 | | | | |
| | PERMIT REQUIREMENT | | | REPORT MINIMUM | REPORT MAXIMUM | umho/cm | Continuous | Recorder | |
| SULFATE | SAMPLE MEASUREMENT | XXXXX | XXXX | | 394.33 | | | | |
| | PERMIT REQUIREMENT | | | ***** | REPORT 30 DA AVG | MGL | 5 x Week | GRAB | |
| DOWNSTREAM | SAMPLE MEASUREMENT | 214.9 | 300 | XXXXX | XXXXX | | | | |
| | PERMIT REQUIREMENT | REPORT 30 DA AVG | 600 (see perm) DAILY MAX | | | | | | Recorder |
| FLOW, INSTREAM | SAMPLE MEASUREMENT | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | |
| DOWNSTREAM | SAMPLE MEASUREMENT | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | |

| | | |
|--|--|-----------------|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | TELEPHONE | DATE |
| Bruce Engelhardt | 701-328-4954 | 6/29/09 |
| Head, Investigations Section | Number | Mo - Day - Year |
| TYPED OR PRINTED | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | |

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
 Shayenne River Below Devils Lake Outlet Near Bremen

| 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 |
|---------|-------|---------|--------------------|--------|-----------------------|--|--|---|
| 5/1/09 | - | - | - | - | - | - | - | - |
| 5/2/09 | - | - | - | - | - | - | - | - |
| 5/3/09 | - | - | - | - | - | - | - | - |
| 5/4/09 | - | - | - | - | - | - | - | - |
| 5/5/09 | 14:30 | NDSWC | 1120 | 8.17 | 289 | - | - | - |
| 5/6/09 | 13:30 | NDSWC | 1140 | 8.21 | 294 | - | - | - |
| 5/7/09 | 14:00 | NDSWC | 1160 | 8.26 | 293 | - | - | - |
| 5/8/09 | 9:15 | NDSWC | 1160 | 8.22 | 293 | - | - | - |
| 5/9/09 | - | - | - | - | - | - | - | - |
| 5/10/09 | - | - | - | - | - | - | - | - |
| 5/11/09 | 11:50 | NDSWC | 1210 | 8.23 | 299 | - | - | - |
| 5/12/09 | 17:25 | NDSWC | 1220 | 8.28 | 303 | - | - | - |
| 5/13/09 | 9:20 | NDSWC | 1220 | 8.32 | 303 | - | 36 | - |
| 5/14/09 | 16:15 | NDSWC | 1240 | 8.25 | 311 | - | - | - |
| 5/15/09 | 14:30 | NDSWC | 1240 | 8.27 | 311 | - | - | - |
| 5/16/09 | - | - | - | - | - | - | - | - |
| 5/17/09 | - | - | - | - | - | - | - | - |
| 5/18/09 | 16:45 | NDSWC | 1280 | 8.33 | 306 | - | - | - |
| 5/19/09 | 17:30 | NDSWC | 1270 | 8.36 | 293 | - | - | - |
| 5/20/09 | 8:40 | NDSWC | 1260 | 8.33 | 292 | - | 20 | - |
| 5/21/09 | 18:00 | NDSWC | 1260 | 8.36 | 290 | - | - | - |
| 5/22/09 | 18:00 | NDSWC | 1260 | 8.36 | 290 | 290.00 | - | 1 |
| 5/23/09 | - | - | - | - | - | 290.00 | - | 2 |
| 5/24/09 | - | - | - | - | - | 290.00 | - | 3 |
| 5/25/09 | 10:25 | NDSWC | 1340 | 8.33 | 351 | 320.50 | - | 4 |
| 5/26/09 | 18:10 | NDSWC | 1370 | 8.28 | 429 | 356.67 | - | 5 |
| 5/27/09 | 10:30 | NDSWC | 1480 | 8.29 | 430 | 375.00 | 12 | 6 |
| 5/28/09 | 20:00 | NDSWC | 1510 | 8.3 | 433 | 386.60 | - | 7 |
| 5/29/09 | 9:30 | NDSWC | 1500 | 8.23 | 433 | 415.20 | - | 7 |
| 5/30/09 | - | - | - | - | - | 415.20 | - | 7 |
| 5/31/09 | - | - | - | - | - | 415.20 | - | 7 |

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

| USGS Gaging Station Data | | |
|---|-------------------------|----------------------------------|
| Sheyenne River Below Devils Lake | | |
| Date | Streamflow (cfs) | EC (μS/cm) |
| 5/1/09 | 863 | 926 |
| 5/2/09 | 787 | 998 |
| 5/3/09 | 707 | 1070 |
| 5/4/09 | 640 | 1090 |
| 5/5/09 | 584 | 1110 |
| 5/6/09 | 527 | 1140 |
| 5/7/09 | 477 | 1160 |
| 5/8/09 | 434 | 1160 |
| 5/9/09 | 391 | 1170 |
| 5/10/09 | 353 | 1190 |
| 5/11/09 | 325 | 1200 |
| 5/12/09 | 304 | 1220 |
| 5/13/09 | 278 | 1220 |
| 5/14/09 | 277 | 1230 |
| 5/15/09 | 272 | 1230 |
| 5/16/09 | 251 | 1260 |
| 5/17/09 | 230 | 1270 |
| 5/18/09 | 220 | 1270 |
| 5/19/09 | 206 | 1270 |
| 5/20/09 | 189 | 1250 |
| 5/21/09 | 164 | 1260 |
| 5/22/09 | 150 | 1260 |
| 5/23/09 | 148 | 1270 |
| 5/24/09 | 155 | 1310 |
| 5/25/09 | 162 | 1350 |
| 5/26/09 | 178 | 1370 |
| 5/27/09 | 224 | 1460 |
| 5/28/09 | 255 | 1520 |
| 5/29/09 | 281 | 1500 |
| 5/30/09 | 296 | 1490 |
| 5/31/09 | 300 | 1470 |

PERMITTEE NAME/ADDRESS
ND State Water Commission
Bismarck ND 58506

1 / Quarter
Outlet WET Results
F- FINAL
MINOR

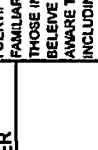
ND-0026247
PERMIT NUMBER

001 W
OUTFALL NO.

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

MONITORING PERIOD
5/1/09 TO 5/31/09

NO DISCHARGE:

| PARAMETER | QUANTITY OR LOADING | | | QUALITY OR CONCENTRATION | | | NO. EX. | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|---------------------|---|-------|--------------------------|--------------|-----------|-----------------|-----------------------|-------------|
| | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | | | |
| P/F STATRE 48HR ACU CERIODAPHNIA | SAMPLE MEASUREMENT | XXXXX | XXXXX | XXXXX | XXXXX | 0.0 | | | |
| | PERMIT REQUIREMENT | | | | | 0 | | QUART-ERLY | GRAB |
| TGM3B 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | XXXXX | XXXXX | XXXXX | XXXXX | 0 | | | |
| | PERMIT REQUIREMENT | | | | | DAILY MAX | | QUART-ERLY | GRAB |
| P/F STATRE 96HR ACU PIMEPHALES PROMELAS | SAMPLE MEASUREMENT | XXXXX | XXXXX | XXXXX | XXXXX | 0 | | | |
| | PERMIT REQUIREMENT | | | | | DAILY MAX | | QUART-ERLY | GRAB |
| TGN6C 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | | TELEPHONE | | DATE | | |
| Bruce Engelhardt Head, Investigations Section | |  | | | 701-328-4954 | | 6/29/09 | | |
| TYPED OR PRINTED | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | | Number | | Mo - Day - Year | | |
| | | | | | | | | | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS
ACUTE TOXICITY OCCURS WHEN 50 PERCENT OR MORE MORTALITY IS OBSERVED FOR EITHER SPECIES AT ANY EFFLUENT CONCENTRATION.

(Reference all attachments here)