SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
JOE FOSS BUILDING
523 EAST CAPITOL AVENUE
PIERRE, SOUTH DAKOTA 57501-3181

AUTHORIZATION TO DISCHARGE UNDER THE
SURFACE WATER DISCHARGE SYSTEM

In compliance with the provisions of the South Dakota Water Pollution Control Act and the Administrative Rules of South Dakota (ARSD), Chapters 74:52:01 through 74:52:11,

<the permittee>

is authorized to discharge from the water treatment and/or distribution system activities described in the permittee’s Notice of Intent form to <waters of the state identified in the permittee’s Notice of Intent form>

in accordance with discharge point(s), effluent limits, monitoring requirements and other conditions set forth herein. Authorization for discharge is limited to those outfalls specifically listed in the permit.

This permit shall become effective April 1, 2010.

This permit and the authorization to discharge shall expire at midnight, March 31, 2015.

Signed this 1st day of March, 2010.

Steven M. Pirner
Secretary
Department of Environment and Natural Resources
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Appendix A Notice of Intent to Receive Coverage Under the General Surface Water Discharge Permit for Water Treatment Facilities

Appendix B SDDENR General Permit for Water Treatment and Distribution System Worksheet

Appendix C Discharge Monitoring Summary Form
DEFINITIONS

30-day (and monthly) average means the arithmetic average of all samples collected during a consecutive 30-day period or calendar month, whichever is applicable. The calendar month shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms.

7-day (and weekly) average means the arithmetic mean of all samples collected during a consecutive 7-day period or calendar week, whichever is applicable. The calendar week which begins on Sunday and ends on Saturday, shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms. Weekly averages shall be calculated for all calendar weeks with Saturdays in the month. If a calendar week overlaps two months (i.e., the Sunday is in one month and the Saturday in the following month), the weekly average calculated for that calendar week shall be included in the data for the month that contains the Saturday.

ARSD means the Administrative Rules of South Dakota.

An Authorized Release is a discharge from a permitted outfall that meets all permit conditions and effluent limits.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the state. BMPs also include treatment requirements, operating procedures, and practices to control site runoff, spillage, or leaks, sludge, or waste disposal, or drainage from raw material storage.

A Bypass is the intentional diversion of waste streams from any portion of a treatment facility.

Composite samples shall be flow proportioned. The composite sample shall contain at least four samples collected over the compositing period. Unless otherwise specified, the time between the collection of the first sample and the last sample shall not be less than six hours nor more than 24 hours. Acceptable methods for preparation of composite samples are as follows:

a. Constant time interval between samples, sample volume proportional to flow rate at time of sampling;

b. Constant time interval between samples, sample volume proportional to total flow (volume) since last sample. For the first sample, the flow rate at the time the sample was collected may be used;

c. Constant sample volume, time interval between samples proportional to flow (i.e. sample taken every “X” gallons of flow); and

d. Continuous collection of sample, with sample collection rate proportional to flow rate.

Daily Maximum (Daily Max.) is the maximum value allowable in any single sample or instantaneous measurement.

Discharge of a pollutant means any addition of any pollutant to waters of the state from any point source. “Discharge” when used without qualification indicates a discharge of a pollutant.

Existing Source means any building, structure, facility or installation from which there is or may be a discharge of pollutants, which is not considered a New Source.

GPD is the measure of flow rate meaning gallons per day.

A grab sample, for monitoring requirements, is a single "dip and take" sample collected at a representative point in the discharge stream.

An instantaneous measurement, for monitoring requirements, is a single reading, observation, or measurement.
Operator means the owner, party, person, general contractor, corporation, or other entity that has operational control over a construction project. The operator, along with the owner, is responsible for ensuring compliance with all conditions of the permit and with development and implementation of the “best management plan.”

NOI means Notice of Intent to be covered by this permit (See Attachment A of this permit.)

pH is the measure of the hydrogen ion concentration of water or wastewater; expressed as the negative log of the hydrogen ion concentration. A pH of 7 is neutral. A pH less than 7 is acidic, and a pH greater than 7 is basic.

Process Wastewater means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, by-product, or waste product.

A Publicly-owned treatment works or POTW is any device or system used in the treatment, including recycling and reclamation, of municipal sewage or industrial waste of a liquid nature which is owned by the state or a municipality. This term includes sewers, pipes, or other conveyances only if they convey wastewater to a publicly owned treatment works providing treatment.

SDDENR means the South Dakota Department of Environment and Natural Resources.

Secretary means the Secretary of the South Dakota Department of Environment and Natural Resources, or authorized representative.

Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

TSS means Total Suspended Solids. TSS is a measure of the filterable solids present in a sample.

An Unauthorized release is a discharge from the lower end of the treatment or containment system through a release structure or over or through retention dikes that does not meet all permit conditions or effluent limits.

Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limits because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

Waters of the state means all waters within the jurisdiction of this state, including all streams, lakes, ponds, impounding reservoirs, marshes, watercourses, waterways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, public or private, situated wholly or partly within or bordering upon the state.
1.0 COVERAGE UNDER THIS PERMIT

1.1 Applicability of the General Permit
This general permit is potentially applicable to all water treatment and distribution facilities. Discharges of pollutants to waters of the state may occur due to overflow from treatment and storage units, filter backwash water, disinfection and line flushing, or line breakages within the State of South Dakota. The water discharged from these activities must be relatively uncontaminated and must not contribute non-conventional or toxic pollutant loadings to the receiving waters.

1.2 Discharges Covered
This permit shall authorize the following discharges of pollutants to waters of the state associated with the operation of water treatment plants and distribution systems within the state of South Dakota, excluding discharges identified under Section 1.3.

1. Treatment or storage system overflows or discharges;
2. Filter backwash and settling basin discharges;
3. Disinfection and flushing of potable water lines;
4. Disinfection of storage systems;
5. Water line breaks and leak repair;
6. Water treated to remove radioactive materials that meets the requirements of the federal Safe Drinking Water Act; or
7. Other discharges which meet the following conditions:
   a. The general permit limits, monitoring and reporting requirements, and management practices are appropriate;
   b. The discharge is of a temporary nature; and
   c. The discharge consists of relatively uncontaminated water consistent with the discharges described above.

1.3 Discharges Not Covered
The following discharges are not authorized by this permit:

1. Water needing treatment for radioactive compounds that does not meet the requirements of the federal Safe Drinking Water Act;
2. Discharge or spills of treatment chemicals that exceed the established permit limits; or
3. Discharges or spills of chemicals not authorized for release under this permit.

1.4 Obtaining Authorization
1. A Notice of Intent (NOI) form, included in Attachment A, must be completed and submitted to the address indicated on the NOI form by the operator of the water treatment facility or water distribution system to request coverage under this general permit. Section II of the NOI must identify the party responsible for the day to day operation of the facility if different from the owner. SDDENR will also accept applications received for individual permits from water systems.

2. Upon receipt of a complete NOI or permit application, the Secretary shall make the decision to grant or deny coverage, or request additional information. Attachment B contains a copy of the worksheet SDDENR will use to review a facility’s eligibility for coverage under the proposed permit. Facilities that meet the conditions for coverage under the general permit still have the option of obtaining an individual permit if requested. In addition, the Secretary may require an
individual permit for a facility, pursuant to the provisions in ARSD Section 74:52:02:47.

3. SDDENR will make a final decision whether to grant coverage under the general permit. A letter of authorization shall be sent to the permittee granting coverage under this general permit. A copy of this permit, with the applicable limits will be included with SDDENR’s authorization for coverage.

4. A copy of the Department's authorization letter and permit shall be kept at the facility until coverage under this permit is terminated.

Operators are not prohibited from submitting late NOIs. When a late NOI is submitted, authorization is only for discharges that occur after permit coverage is granted. The Secretary reserves the right to take appropriate enforcement actions for any unpermitted activities that may have occurred between the time activities commenced and authorization of the discharges is granted.

1.5 **Terminating Coverage**

Permittees wishing to terminate coverage under this permit must submit a Notice of Termination (NOT) that is signed in accordance with Section 4.13 of this permit. Compliance with this permit is required until a NOT, found in Appendix C, is submitted.
2.0 EFFLUENT LIMITS AND MONITORING REQUIREMENTS

2.1 Description of Discharge Points
The authorization to discharge provided under this permit is limited to those outfalls specifically
designated below as discharge locations. Discharges at any location not authorized under a SWD permit is
a violation of the South Dakota Water Pollution Control Act and could subject the person{s} responsible
for such discharge to penalties under Section 34A-2-75 of the Act. Knowingly discharging from an
unauthorized location or failing to report an unauthorized discharge within a reasonable time from the first
learning of an unauthorized discharge could subject such person to criminal penalties as provided under the
South Dakota Water Pollution Control Act.

<table>
<thead>
<tr>
<th>Outfall Serial Number</th>
<th>Description of Discharge Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>DW1</td>
<td>Any discharge of raw water or partially treated water from a water treatment plant that reaches waters of the state. This includes, but is not limited to, overflows from treatment units or discharges of untreated source water.</td>
</tr>
<tr>
<td>DW2</td>
<td>Any discharge of treated drinking water from water storage units or distribution lines or associated appurtenances that reach waters of the state. This includes, but is not limited to, a discharge of fully treated water from the water treatment plant, line flushing, and overflows and releases from storage units.</td>
</tr>
</tbody>
</table>

2.2 Effluent Limits – Outfall DW1
Effective immediately and lasting through the life of this permit, the quality of effluent discharged to
waters of the state by the permittee shall, as a minimum, meet the limits as set forth below:

1. There shall be no discharge of sanitary wastewater.
2. There shall be no direct discharge of any solids and/or sludges generated by the treatment of the discharge.
3. There shall be no discharge of floating solids or visible foam in other than trace amounts.
4. No chemical may be added to the discharge unless the SDDENR was notified in writing.
5. The permittee shall take such steps necessary to prevent or minimize stream scouring or bank erosion caused by the discharge.

Limits for pH

7. The pH of the discharged water shall not be less than 6.0 standard units or greater than 9.0 standard units at all times. *(for discharges to all waters classified as warmwater marginal fish life propagation waters or fish and wildlife propagation, recreation, and stock watering waters)*

OR

7. The pH of the discharged water shall not be less than 6.5 standard units or greater than 9.0 standard units at all times *(for discharges to waters classified as domestic water supply waters or coldwater, warmwater permanent, or warmwater semipermanent fish life propagation waters)*.
Limits for TSS

8. The Total Suspended Solids concentration shall not exceed 90 mg/L in any single sample. (for discharges to all waters, including the Missouri River, except those classified as coldwater permanent fish life propagation waters)

OR

8. The Total Suspended Solids concentration shall not exceed 30 mg/L in any single sample (for discharges to waters classified as coldwater permanent fish life propagation waters, with the exception of discharges to the Missouri River).

Limits for Total Dissolved Solids

9. The Total Dissolved Solids concentration shall not exceed 2,500 mg/L (for discharges to waters NOT classified as domestic water supply waters).

OR

9. The Total Dissolved Solids concentration shall not exceed 1,000 mg/L (for discharges to waters classified as domestic water supply waters).

Limits if adding chlorine

10. The total residual chlorine concentration shall be non-detectable at the point the discharge enters the receiving waters in all samples. SDDENR considers the analytical detection limit for total residual chlorine to be 0.05 mg/L. Any sample results less than 0.05 mg/L will be considered non-detectable. Compliance can be verified by monitoring at any of the following locations:

- at the point where the discharge reaches the receiving water;
- at the discharge location; or
- at a location between these two points.

Limits if adding ammonia

11. The ammonia concentration shall not exceed 1.0 mg/L. This limit only applies if the facility is adding ammonia. This limit does not apply to facilities that discharge 20% or less of the instream flow to rivers or streams that are not impaired for ammonia. This limit does not apply if the water enters a dry drainage and does not reach a flowing stream..

2.3 Effluent Limits – Outfall DW2

Effective immediately and lasting through the life of this permit, the quality of effluent discharged to waters of the state by the permittee shall, as a minimum, meet the limits as set forth below:

1. There shall be no discharge of sanitary wastewater.

2. There shall be no direct discharge of any solids and/or sludges generated by the treatment of the discharge.

3. There shall be no discharge of floating solids or visible foam in other than trace amounts.

4. No chemical may be added to the discharge unless the SDDENR was notified in writing.

5. The permittee shall take such steps necessary to prevent or minimize stream scouring or bank erosion caused by the discharge.
**Limits for pH**

6. The pH of the discharged water shall not be less than 6.0 standard units or greater than 9.0 standard units at all times. *(for discharges to all waters classified as warmwater marginal fish life propagation waters or fish and wildlife propagation, recreation, and stock watering waters)*

OR

6. The pH of the discharged water shall not be less than 6.5 standard units or greater than 9.0 standard units at all times *(for discharges to waters classified as domestic water supply waters or coldwater, warmwater permanent, or warmwater semipermanent fish life propagation waters).*

**Limits for TSS**

7. The Total Suspended Solids concentration shall not exceed 90 mg/L in any single sample *(for discharges to all waters, including the Missouri River, except those classified as coldwater permanent fish life propagation waters).*

OR

7. The Total Suspended Solids concentration shall not exceed 30 mg/L in any single sample *(for discharges to waters classified as coldwater permanent fish life propagation waters, with the exception of discharges to the Missouri River).*

**Limits if adding chlorine**

8. The total residual chlorine concentration shall be non-detectable at the point the discharge enters a waterbody. SDDENR considers the analytical detection limit for total residual chlorine to be 0.05 mg/L. Any sample results less than 0.05 mg/L will be considered non-detectable. This limit does not apply if the water enters a dry drainage and does not reach a flowing stream. Compliance can be verified by monitoring at any of the following locations:
   - at the point where the discharge reaches the receiving water;
   - at the discharge location; or
   - at a location between these two points.

**Limits if adding ammonia**

9. The ammonia concentration shall not exceed 1.0 mg/L. This limit only applies if the facility is adding ammonia. This limit does not apply to facilities that discharge 20% or less of the instream flow to rivers or streams that are not impaired for ammonia. This limit does not apply if the water enters a dry drainage and does not reach a flowing stream.
2.4 Monitoring and Reporting Requirements – Outfall DW1

1. The permittee shall ensure that qualified personnel inspect the site on a daily basis during a discharge. The inspection shall include the temporary discharge site, areas where the best management practices are being implemented, and the discharge location. These areas shall be inspected to ensure that the best management practices are operating correctly and for evidence of, or the potential for, pollutants entering the receiving waters. If any pollutants are suspected of being discharged, a sample must be taken for those parameters listed in the table below.

The permittee shall maintain a daily notebook relating to any discharge(s). The notebook shall contain:

a. Date and time of inspection;
b. Name of the inspector(s);
c. Flow information and data;
d. Sample results;
e. Records of visual observations;
f. Notations of any problems relating to treatment of the discharge;
g. A brief description of any actions taken with regard to problems identified; and
h. Other information, as appropriate.

2. Samples shall be taken as often as necessary to provide representative information as to the nature and volume of the discharge(s). At a minimum, samples of each discharge to waters of the state shall be taken as follows, although representative sampling is encouraged for facilities with an approved representative sampling plan:

<table>
<thead>
<tr>
<th>Effluent Characteristic</th>
<th>Frequency ¹</th>
<th>Sample Type ²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Rate, gallons per day</td>
<td>Daily</td>
<td>Instantaneous</td>
</tr>
<tr>
<td>Total Flow, gallons</td>
<td>Monthly</td>
<td>Calculated</td>
</tr>
<tr>
<td>Duration of Discharge, days</td>
<td>Monthly</td>
<td>Calculated</td>
</tr>
<tr>
<td>Conductivity, μmhos/cm</td>
<td>Monthly ³</td>
<td>Grab</td>
</tr>
<tr>
<td>Total Alkalinity (as CaCO₃), mg/L</td>
<td>Monthly ³</td>
<td>Grab</td>
</tr>
<tr>
<td>Total Ammonia Nitrogen (as N), mg/L ⁴ (if adding ammonia)</td>
<td>Weekly ³</td>
<td>Grab</td>
</tr>
<tr>
<td>Total Fluoride, mg/L (if adding fluoride) ⁵</td>
<td>Weekly ³</td>
<td>Grab</td>
</tr>
<tr>
<td>Total Sulfate, mg/L</td>
<td>Weekly ³</td>
<td>Grab</td>
</tr>
<tr>
<td>Total Suspended Solids, mg/L</td>
<td>Weekly ³</td>
<td>Grab</td>
</tr>
<tr>
<td>Total Dissolved Solids, mg/L</td>
<td>Weekly ³</td>
<td>Grab</td>
</tr>
<tr>
<td>Total Residual Chlorine, mg/L (if adding chlorine) ⁶</td>
<td>Weekly ³</td>
<td>Instantaneous</td>
</tr>
<tr>
<td>pH, standard units</td>
<td>Weekly ³</td>
<td>Instantaneous</td>
</tr>
<tr>
<td>Water Temperature, °C</td>
<td>Weekly ³</td>
<td>Instantaneous</td>
</tr>
</tbody>
</table>

¹ If the duration of the discharge is shorter than the required sample frequency, a minimum of one sample shall be taken for all parameters.

² See Definitions.

³ If violations occur, the SDDENR can increase frequency without further public notice.

⁴ Monitoring for ammonia is required only if the permittee is adding ammonia.

⁵ Monitoring for fluoride is required only if the permittee is adding fluoride and only if the facility is discharging to a receiving stream classified for the beneficial use of domestic water supply waters.

⁶ Monitoring for chlorine is required only if the permittee is adding chlorine.
3. If sampling performed by the permittee indicates a violation, the permittee shall notify SDDENR in accordance with the provisions in Section 4.7 of this permit. The permittee shall also repeat the sampling and analysis and submit the results of the repeat analysis to the department within thirty days after becoming aware of the violation.

2.5 Monitoring and Reporting Requirements – Outfall DW2

1. The permittee shall ensure that qualified personnel inspect the site on a daily basis during a discharge. Overflow pipes and lines being flushed shall be inspected or electronically monitored on a daily basis. The inspection shall include the temporary discharge site, areas where the best management practices are being implemented, and the discharge location. These areas shall be inspected to ensure that the best management practices are operating correctly and for evidence of, or the potential for, pollutants entering the receiving waters. If any pollutants are suspected of being discharged, a sample must be taken for those parameters listed in the table below.

The permittee shall maintain a daily notebook relating to any discharge(s). The notebook shall contain:

a. Date and time of inspection;
b. Name of the inspector(s);
c. Flow information and data;
d. Sample results;
e. Records of visual observations;
f. Notations of any problems relating to treatment of the discharge;
g. A brief description of any actions taken with regard to problems identified; and
h. Other information, as appropriate.

2. Samples shall be taken as often as necessary to provide representative information as to the nature and volume of the discharge(s) to waters of the state. Samples shall be taken as follows, although representative sampling is encouraged for facilities with an approved representative sampling plan:

<table>
<thead>
<tr>
<th>Effluent Characteristic</th>
<th>Frequency</th>
<th>Sample Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Flow, gallons</td>
<td>Each discharge</td>
<td>Calculated</td>
</tr>
<tr>
<td>Duration of Discharge, days</td>
<td>Each discharge</td>
<td>Calculated</td>
</tr>
<tr>
<td>Flow Rate, gallons per day</td>
<td>Each discharge</td>
<td>Measured</td>
</tr>
<tr>
<td>pH, standard units</td>
<td>Daily</td>
<td>Instantaneous</td>
</tr>
<tr>
<td>Total Residual Chlorine, mg/L (if adding chlorine)</td>
<td>Daily</td>
<td>Instantaneous</td>
</tr>
<tr>
<td>Total Suspended Solids, mg/L (if adding ammonia)</td>
<td>Daily</td>
<td>Grab</td>
</tr>
<tr>
<td>Total Ammonia Nitrogen (as N), mg/L (if adding ammonia)</td>
<td>Daily</td>
<td>Grab</td>
</tr>
</tbody>
</table>

1 If the duration of the discharge is shorter than the required sample frequency, a minimum of one sample shall be taken for all parameters.

2 See Definitions.

3 If violations occur, the SDDENR may increase frequency without further public notice.

4 Best Management Practices may be used in lieu of monitoring. See the Best Management Practices Plan, Part 3.0. Monitoring for chlorine is required only if the permittee is adding chlorine.

5 Monitoring for ammonia is required only if the permittee is adding ammonia.
3. If sampling performed by the permittee indicates a violation, the permittee shall notify SDDENR in accordance with the provisions in Section 4.8 of this permit. The permittee shall also repeat the sampling and analysis and submit the results of the repeat analysis to the department within thirty days after becoming aware of the violation.

4. A permittee may have more than one outfall at a particular site or have several sites in the same geographical area. To avoid excessive sampling and monitoring requirements, a permittee may request approval to only sample representative outfalls that cover activities at similar sites. In this way, sampling would only have to be performed at selected outfalls, and other outfalls would be considered similar in quality and nature without sampling. In requesting approval for representative sampling, the permittee must have a written plan showing the activities are similar or identical, and that discharges from these activities will be similar in quality and nature. This plan must be approved by SDDENR.
3.0 BEST MANAGEMENT PRACTICE PLANS

3.1 Deadlines for Plan Preparation and Compliance
The plan must be developed within 30 days of the permit coverage being issued and implemented prior to the start of any discharge. The plan must address the steps the permittee will take to respond to any emergency discharges, such as a water line break. If the permittee wishes to be exempt from total suspended solids and/or total residual chlorine monitoring for Outfall DW2, as provided in Section 2.5, the plan must also address the best management practices that will be employed to reduce the levels of total suspended solids and/or total residual chlorine in the discharge.

3.2 Contents of the Plan
The plan shall include, at a minimum, the following items:

1. Site Description
   Each plan shall provide a description of pollutant sources and other information as indicated below:
   a. A description of the discharge(s);
   b. Estimates of the total volume of water to be discharged (for outfall DW1);
   c. The name of the receiving waters; and
   d. A site map indicating:
      (1) Drainage patterns;
      (2) Location of major structural and nonstructural controls identified in the plan;
      (3) Location of areas where stabilization practices are expected to occur;
      (4) Surface waters and extent of wetland acreage; and
      (5) Location of discharge point(s).

2. Best Management Practices
   The plan shall describe appropriate best management practices and how they will be implemented for each temporary or emergency discharge activity identified in the Notice of Intent.

3.3 Signature and Plan Review
1. The plan shall be signed in accordance with the signatory requirements and retained at the facility. Employees must receive training on the plan and have access to the information contained in the plan.

2. The permittee shall make plans available upon request to the Secretary and, in the case of a discharge through a municipal separate storm sewer system, to the operator of the municipal system.

3. The Secretary may notify the permittee at any time that the plan does not meet the minimum requirements of this part. Such notification shall identify those provisions of the permit which are not being met by the plan and identify which provisions require modifications in order to meet the minimum requirements. Within seven days of notification, the permittee shall make the required changes to the plan and shall submit to the Secretary a written certification that the requested changes have been made.

3.4 Keeping Plans Current
The permittee shall amend the plan whenever there is a change in design, construction, operation, or maintenance, which has a significant effect on the potential for the discharge of pollutants to the waters of the state. The plan shall also be amended if the plan proves to be ineffective in eliminating or significantly minimizing pollutants present in the temporary discharge.
4.0 MONITORING, RECORDING AND REPORTING REQUIREMENTS

4.1 Representative Sampling
Samples taken in compliance with the monitoring requirements established under this permit shall be collected from the effluent stream prior to discharge into the receiving waters. Samples and measurements shall be representative of the volume and nature of the monitored discharge, however it will not be necessary to sample each discharge point; the permittee has the option to develop a representative sampling plan in accordance with Section 2.5.

4.2 Monitoring Procedures
Monitoring must be conducted according to test procedures approved under ARSD 74:52:03:06, a.b.r. 40 CFR, Part 136, unless other test procedures have been specified in this permit.

4.3 Reporting of Monitoring Results
Monitoring results shall be summarized and reported on a photocopy of the Discharge Monitoring Summary Form located in Appendix C of this general permit, postmarked no later than the 28th day of the month following the discharge. If no discharge occurs during a month, no report shall be necessary. Legible copies of these, and all other reports required herein, shall be signed and certified in accordance with Section 4.13 and submitted to the Secretary at the following address:

original to: South Dakota Department of Environment and Natural Resources
PMB 2020
Surface Water Quality Program
Joe Foss Building
523 East Capitol Avenue
Pierre, South Dakota 57501-3181

4.4 Additional Monitoring by the Permittee
If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under ARSD 74:52:03:06, a.b.r. 40 CFR 136 or as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR. Such increased frequency shall also be indicated.

4.5 Records Contents
Records of monitoring information shall include:

1. The date, exact place, and time of sampling or measurements;
2. The initials or name(s) of the individual(s) who performed the sampling or measurements;
3. The date(s) analyses were performed;
4. The time analyses were initiated;
5. The initials or name(s) of individual(s) who performed the analyses;
6. References and written procedures, when available, for the analytical techniques or methods used; and,
7. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results.
4.6 **Retention of Records**
The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application. This period may be extended by request of the Secretary at any time. Data collected on site, copies of Discharge Monitoring Reports, and a copy of this permit must be maintained on site at the permitted facility.

4.7 **Twenty-four Hour Reporting**
1. The permittee shall report any noncompliance which may endanger health or the environment as soon as possible, but no later than twenty-four (24) hours from the time the permittee first became aware of the circumstances. The report shall be made to the State of South Dakota at (605) 773-3231 and the EPA, Region VIII, Emergency Response Branch at (303) 293-1788.

2. The following discharges shall be reported to the Secretary by telephone at (605) 773-3351 or by email at DENR.SWDeporting@state.sd.us by the first workday (8:00 a.m. – 5:00 p.m. Central Time) following the day the permittee became aware of the circumstances:
   a. Any discharge which exceeds any effluent limit in the permit (See Section 5.7 – Emergency Releases and Bypass of Treatment Facilities);
   b. Any upset which exceeds any effluent limit in the permit (See Section 5.8 – Upset Conditions);
   c. Violation of a maximum daily discharge limit for any of the pollutants listed in the permit; or
   d. Any water line break or other emergency discharge that results in a discharge of pollutants to waters of the state.

3. A written submission shall also be provided within five days of the time that the permittee becomes aware of the circumstances. The written submission shall contain:
   a. A description of the noncompliance or emergency, and its cause;
   b. The period of noncompliance or emergency discharge, including exact dates and times;
   c. The estimated length of time the discharge is expected to continue if it has not been corrected; and,
   d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance or emergency.

4. The Secretary may waive the written report on a case-by-case basis if the oral or email report has been received within 24 hours by the Surface Water Quality Program, South Dakota Department of Environment and Natural Resources, Pierre, (605) 773-3351 or DENR.SWDeporting@state.sd.us.

5. Reports shall be submitted to the addresses in Section 4.3 – Reporting of Monitoring Results.

4.8 **Other Noncompliance Reporting**
Instances of noncompliance not required to be reported within 24 hours shall be reported at the time that monitoring reports for Section 4.3 are submitted. The reports shall contain the information listed in Section 4.7.3.

4.9 **Changes in Discharge of Toxic Substances**
Notification shall be provided to the Secretary as soon as the permittee knows of, or has reason to believe that any activity has occurred or will occur which would result in the discharge of a toxic pollutant, as defined in ARSD 74:52:01:01, which is not limited in the permit and if that discharge will exceed the highest of the following notification levels:
1. One hundred micrograms per liter (100 μg/L);
2. Two hundred micrograms per liter (200 μg/L) for acrolein and acrylonitrile;
3. Five hundred micrograms per liter (500 μg/L) for 2,4-dinitrophenol and for 2-methyl-4, 6-dinitrophenol;
4. One milligram per liter (1 mg/L) for antimony; or
5. Five (5) times the maximum concentration value reported for that pollutant in the permit application.

4.10 Planned Changes
The permittee shall give notice to the Secretary as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when the alteration or addition could significantly change the nature or increase the quantity of pollutant discharged. This notification applies to pollutants which are not subject to effluent limits in the permit. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source (see ARSD, Chapter 74:52:01:01(30)).

4.11 Duty to Provide Information
The permittee shall furnish to the Secretary, within a reasonable time, any information which the Secretary may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Secretary, upon request, copies of records required to be kept by this permit.

4.12 Other Information
When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or any report to the Secretary, it shall promptly submit such facts or information.

4.13 Signatory Requirements
All applications, reports or information submitted to the Secretary shall be signed and certified.

1. All permit applications shall be signed as follows:
   
   e. For a corporation: by a responsible corporate officer;
   f. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively;
   g. For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.

2. All reports required by the permit and other information requested by the Secretary shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

   a. The authorization is made in writing by a person described above and submitted to the Secretary; and,
   b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
3. Changes to authorization. If an authorization under paragraph 2 of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph 2 of this section must be submitted to the Secretary prior to or together with any reports, information, or applications to be signed by an authorized representative.

4. Certification. Any person signing a document under this section shall make the following certification:

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”
5.0 COMPLIANCE RESPONSIBILITIES

5.1 Duty to Comply
The operator must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. The permittee shall give the Secretary advance notice of any planned changes at the permitted facility or of an activity which may result in permit noncompliance.

5.2 Duty to Mitigate
The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

5.3 Proper Operation and Maintenance
The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. However, the permittee shall operate, as a minimum, one complete set of each main line unit treatment process whether or not this process is needed to achieve permit effluent compliance.

5.4 Need to Halt or Reduce Activity not a Defense
It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

5.5 Removed Substances
Collected screenings, grit, solids, sludges, or other pollutants removed in the course of treatment shall be disposed of in such a manner so as to prevent any pollutant from entering any waters of the state or creating a health hazard. Sludge/digester supernatant and filter backwash shall not be directly blended with or enter either the final plant discharge and/or waters of the State.

5.6 Inspection and Entry
The permittee shall allow the Secretary or EPA, upon the presentation of credentials and other documents as may be required by law, to:

1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and,
4. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the Act, any substances or parameters at any location.
5.7 Emergency Releases and Bypass of Treatment Facilities

1. Bypass not exceeding limits. The permittee may allow any bypass to occur which does not cause effluent limits to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs 2 and 3 of this section.

2. Notice:
   a. Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least 60 days before the date of the bypass.
   b. Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass or emergency release as required under Section 4.7 – Twenty-four Hour Reporting.

3. Prohibition of bypass:
   a. Bypass is prohibited and the Secretary may take enforcement action against a permittee for a bypass, unless:
      (1) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
      (2) There were no feasible alternatives to the bypass readily apparent, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and,
      (3) The permittee submitted notices as required under paragraph 2 of this section.
   b. The Secretary may approve an anticipated bypass, after considering its adverse effects, if the Secretary determines that it will meet the three conditions listed above in paragraph 3.a. of this section.

4. Best Management Practices Plan:
   a. A plan is required describing the measures that will be taken to minimize the impacts of an emergency release, and for minimizing the effects of routine discharges.

5.8 Upset Conditions

1. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limits if the requirements of paragraph 2 of this section are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review (i.e., Permittees will have the opportunity for a judicial determination on any claim of upset only in an enforcement action brought for noncompliance with technology-based permit effluent limits).

2. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
   a. An upset occurred and that the permittee can identify the cause(s) of the upset;
   b. The permitted facility was at the time being properly operated;
   c. The permittee submitted notice of the upset as required under Section 4.7 – Twenty-four Hour Notice of Noncompliance Reporting; and
   d. The permittee complied with any remedial measures required under Section 5.2 – Duty to Mitigate.
3. Burden of proof. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

5.9 Toxic Pollutants
The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Federal Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

5.10 Anticipated Noncompliance
The permittee shall give advance notice to the Secretary of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

5.11 Permit Actions
This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

5.12 Duty to Reapply
If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The re-authorization NOI should be submitted at least 180 days before the expiration date of this permit.

5.13 Availability of Reports
Except for data determined to be confidential under ARSD 74:52:02:17, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of SDDENR and EPA. Permit applications, permits and effluent data shall not be considered confidential.

5.14 Property Rights
The Secretary’s issuance of this permit, adoption of design criteria, and approval of plans and specifications, does not convey any property rights of any sort, any exclusive privileges, any authorization to damage, injure or use any private property, any authority to invade personal rights, any authority to violate federal, state or local laws or regulations, or any taking, condemnation or use of eminent domain against any property owned by third parties. The State does not warrant that the permittee's compliance with this permit, design criteria, approved plans and specifications, and operation under this permit, will not cause damage, injury or use of private property, an invasion of personal rights, or violation of federal, state or local laws or regulations. The permittee is solely and severally liable for all damage, injury or use of private property, invasion of personal rights, infringement of federal, state or local laws and regulations, or taking or condemnation of property owned by third parties, which may result from actions taken under the permit.

5.15 Severability
The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

5.16 Transfers
This permit may be automatically transferred to a new permittee if:

1. The current permittee notifies the Secretary at least 30 days in advance of the proposed transfer date;

2. The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage, and liability between them; and,

3. The Secretary does not notify the existing permittee and the proposed new permittee of his or her intent to modify, or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement mentioned in paragraph 2 above.
5.17 **Reopener Provision**

This permit may be reopened and modified (following proper administrative procedures) to include the appropriate effluent limits (and compliance schedule, if necessary), or other appropriate requirements if one or more of the following events occurs:

1. **Water Quality Standards:** The water quality standards of the receiving water(s) to which the permittee discharges are modified in such a manner as to require different effluent limits than contained in this permit.

2. **Effluent Guidelines:** Effluent limit guidelines are promulgated or revised for point sources covered by this permit;

3. **Total Maximum Daily Load:** Additional controls in the permit are necessary to implement a total maximum daily load approved by the Secretary and/or EPA.

4. **Water Quality Management Plan:** A revision to the current water quality management plan is approved and adopted which calls for different effluent limits than contained in this permit.

5.18 **Individual Permits**

The department may require an individual permit for any of the following reasons:

1. **The discharge is a significant contributor of pollution to waters of the state or it presents a health hazard;**

2. **The receiving stream is impaired for the pollutant(s) proposed to be discharged and the effluent limits are not adequate to protect the stream.**

3. **The discharge is not in compliance with the conditions of the permit;**

4. **A change has occurred in the availability of demonstrated technology or practices for the control or abatement of pollutants applicable to the point source;**

5. **Effluent limitation guidelines are promulgated for point sources covered by this general permit;**

6. **A water quality management plan containing requirements applicable to such point sources is approved; or**

7. **Conditions or standards have changed so the discharge no longer qualifies for the general permit.**

In addition, an owner or operator a facility covered by this general permit may apply for an individual surface water discharge permit pursuant to the provisions in the SDSWQS (ARSD, Section 74:52:02:46).
6.0 PENALTIES FOR NONCOMPLIANCE

6.1 Penalties for Violations of Permit Conditions
Any person who violates a permit condition shall, upon conviction, be punished by a Class 1 misdemeanor. In addition to a jail sentence authorized by SDCL 22-6-2, a Class 1 misdemeanor imposed by SDCL, Chapter 34A-2, is subject to a criminal fine not to exceed ten thousand dollars per day of violation. The violator is also subject to a civil penalty not to exceed ten thousand dollars per day of violation, for damages to the environment of this state. Except as provided in permit conditions on Section 5.7 – Emergency Releases and Bypass of Treatment Facilities and Section 5.8 – Upset Conditions, nothing in this permit shall be construed to relieve the permittee of the civil or criminal penalties for noncompliance.

6.2 Penalties for Tampering
Any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this permit is in violation of the provisions of SDCL 34A-2-77, and is subject to penalties under SDCL 34A-2-75. In addition to a jail sentence authorized by SDCL 22-6-2, such violators are subject to a criminal fine not to exceed ten thousand dollars per day of violation. The violator is also subject to a civil penalty not to exceed ten thousand dollars per day of violation, or for damages to the environment of this state.

6.3 Penalties for Falsification of Reports
Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a Class 1 misdemeanor. In addition to a jail sentence authorized by SDCL 22-6-2, a Class 1 misdemeanor imposed by SDCL, Chapter 34A-2, is subject to a criminal fine not to exceed ten thousand dollars per day of violation. The violator is also subject to a civil penalty not to exceed ten thousand dollars per day of violation, for damages to the environment of this state, or both.

6.4 Oil and Hazardous Substance Liability
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Federal Clean Water Act.
APPENDIX A

Notice of Intent to Receive Coverage Under the General Surface Water Discharge Permit for Water Treatment Facilities
I. Type of Permit Requested: Check (X) the appropriate response:

☐ Water Treatment Plant (DW1) ☐ Water Distribution System (DW2) ☐ Both

II. Primary Contact Information: ☐ Owner ☐ Operator ☐ Contractor

Facility Name: ___________________________ Phone: ___________________________
Responsible Contact Person: ___________________________
Street: ___________________________
City: __________________ State: _____ County: __________________ Zip Code: __________

III. Secondary Contact Information: (If different from above)

☐ Owner ☐ Operator ☐ Contractor

Facility Name: ___________________________ Phone: ___________________________
Responsible Contact Person: ___________________________
Street: ___________________________
City: __________________ State: _____ County: __________________ Zip Code: __________

IV. Facility/Site Information: (Physical description of facility/site activities)

DW1 ☐

____________________________________________________________________________________

DW2 ☐

____________________________________________________________________________________

Attach additional sheets if necessary

V. Receiving Waters:

Please list all possible receiving waters of the discharge (if discharging to a Municipal Storm Sewer, indicate which municipality and the ultimate receiving water) or a map with the information: ___________________________

____________________________________________________________________________________

NOTE: Please place points of withdrawal and discharge on a topographic map, or other map if a topographic map is unavailable. This map should show potential discharge locations and the names of all potential receiving streams.

VI. Operational History:

Date Constructed: ___________________________
Operational Start-up: ___________________________
VII. Is there any reason to believe that the discharge may contain any pollutant other than those limited in the permit (i.e. TSS, pH, Chlorine, and ammonia)? ☐ Yes ☐ No
If yes, list any additional pollutants that may be present:

NOTE: Attach any analytical data or Material Safety Data Sheets that indicate levels of pollutants present in water to be discharged.

VIII. Best Management Practices Plan:
A. Has the facility written a Best Management Practices plan in lieu of sampling for TSS and Total Residual Chlorine?
   ☐ Yes ☐ No
B. Brief description of best management practices being used in lieu of sampling:

IX. Existing Environmental Permits:
Please check (X) all other Environmental Permits which are held by this facility/activity. Include permit numbers in the space provided:
☐ SWD or NPDES (Discharges to Surface Water)
☐ UIC (Underground Injection of Fluids)
☐ RCRA (Hazardous Wastes)
☐ PSD (Air Emissions from Proposed Sources)
☐ PWSSS ID
☐ Other (please specify)

X. List other information which you feel should be brought to the attention of the SDDENR regarding coverage under this general permit.

XI. Certification (Authorized representative should initial the box)
☐ I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including revocation of the permit and the possibility of fine and imprisonment for knowing violations. In addition, I certify that I am aware of the terms and conditions of the General Storm Water permit and I agree to comply with those requirements.
STATE OF SOUTH DAKOTA

BEFORE THE SECRETARY OF

THE DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

IN THE MATTER OF THE )
APPLICATION OF )
) CERTIFICATION OF )
) APPLICANT

STATE OF ____________________________

COUNTY OF _________________________

I, _________________________________, the applicant in the above matter after being duly sworn upon oath hereby certify the following information in regard to this application:

I have read and understand South Dakota Codified Law Section 1-40-27 which provides:

"The secretary may reject an application for any permit filed pursuant to Titles 34A or 45, including any application by any concentrated swine feeding operation for authorization to operate under a general permit, upon making a specific finding that:

(1) The applicant is unsuited or unqualified to perform the obligations of a permit holder based upon a finding that the applicant, any officer, director, partner, or resident general manager of the facility for which application has been made:
   (a) Has intentionally misrepresented a material fact in applying for a permit;
   (b) Has been convicted of a felony or other crime involving moral turpitude;
   (c) Has habitually and intentionally violated environmental laws of any state or the United States which have caused significant and material environmental damage;
   (d) Has had any permit revoked under the environmental laws of any state or the United States; or
   (e) Has otherwise demonstrated through clear and convincing evidence of previous actions that the applicant lacks the necessary good character and competency to reliably carry out the obligations imposed by law upon the permit holder; or

(2) The application substantially duplicates an application by the same applicant denied within the past five years which denial has not been reversed by a court of competent jurisdiction. Nothing in this subdivision may be construed to prohibit an applicant from submitting a new application for a permit previously denied, if the new application represents a good faith attempt by the applicant to correct the deficiencies that served as the basis for the denial in the original application.

All applications filed pursuant to Titles 34A and 45 shall include a certification, sworn to under oath and signed by the applicant, that he is not disqualified by reason of this section from obtaining a permit. In the absence of evidence to the contrary, that certification shall constitute a prima facie showing of the suitability and qualification of the applicant. If at any point in the application review, recommendation or hearing process, the secretary finds the applicant has intentionally made any material misrepresentation of fact in regard to this certification,
consideration of the application may be suspended and the application may be rejected as provided for under this section.

Applications rejected pursuant to this section constitute final agency action upon that application and may be appealed to circuit court as provided for under chapter 1-26.”

I certify pursuant to 1-40-27, that as an applicant, officer, director, partner, or resident general manager of the activity or facility for which the application has been made that I; a) have not intentionally misrepresented a material fact in applying for a permit; b) have not been convicted of a felony or other crime of moral turpitude; c) have not habitually and intentionally violated environmental laws of any state or the United States which have caused significant and material environmental damage; d) have not had any permit revoked under the environmental laws of any state or the United States; or e) have not otherwise demonstrated through clear and convincing evidence of previous actions that I lack the necessary good character and competency to reliably carry out the obligations imposed by law upon me. I also certify that this application does not substantially duplicate an application by the same applicant denied within the past five years which denial has not been reversed by a court of competent jurisdiction. Further;

“I declare and affirm under the penalties of perjury that this claim (petition, application, information) has been examined by me, and to the best of my knowledge and belief, is in all things true and correct.”

Dated this ______ day of ___________________________ , 20____.

Applicant (print)

________________________________________________________________________

Applicant (signature)

Subscribed and sworn before me this _____ day of ___________________________ , 20____.

________________________________________________________________________

Notary Public (signature)

My commission expires: ___________________________________

(SEAL)

PLEASE ATTACH ANY ADDITIONAL INFORMATION NECESSARY TO DISCLOSE ALL FACTS AND DOCUMENTS PERTAINING TO SDCL 1-40-27 (1) (a) THROUGH (e).
ALL VIOLATIONS MUST BE DISCLOSED, BUT WILL NOT AUTOMATICALLY RESULT IN THE REJECTION OF AN APPLICATION
APPENDIX B

SDDENR General Permit for Water Treatment and Distribution System Worksheet
I. Facility Information

<table>
<thead>
<tr>
<th>Permittee Name:</th>
<th>Permit Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Old Permit Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Does the permittee treat or distribute water for public consumption?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Number of Outfalls:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Receiving Stream:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Receiving Stream Uses:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other downstream waterbodies/uses/distances:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Facility Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latitude:</td>
</tr>
<tr>
<td>Longitude:</td>
</tr>
<tr>
<td>GPS: Yes No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section (Including %):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Township:</td>
</tr>
<tr>
<td>Range:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outfall DW1 Information:</th>
<th>Latitude:</th>
<th>Longitude:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GPS: Yes No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outfall DW2 Information:</th>
<th>Latitude:</th>
<th>Longitude:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GPS: Yes No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Attach additional sheets for Outfall Descriptions if necessary
### File Review (Check when completed):

- [ ] Yes  *Has the facility discharged in the past five years? If yes, explain the circumstances and attach a summary of the monitoring data.*
- [ ] No

### Description of Wastestream and Treatment Process:

Comments:

### II. Permit Issuance Information

<table>
<thead>
<tr>
<th>Does the permittee treat wastewater for radionuclides?</th>
<th>Yes</th>
<th>No</th>
<th>Do the discharges meet Safe Drinking Water Act standards for radionuclides?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Does the permittee discharge to surface waters other than a lake?</th>
<th>Yes</th>
<th>No</th>
<th>Is the permittee eligible for coverage?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comments: .

Reviewer’s Name: 

Title: 

Reviewer’s Signature: 

Date: 

B-3
APPENDIX C

Discharge Monitoring Summary Form
DISCHARGE MONITORING SUMMARY FORM – OUTFALL DW1

This form is to be used to summarize effluent monitoring information for discharges from facilities covered under the General Surface Water Discharge Permit for Water Treatment Plants.

Permittee Name: ____________________________________________________________

Permit No.: __________________________________________________________________

Address: ___________________________________________________________________

Facility Contact: ___________________________________________ Phone: ___________

Describe any adverse effects, such as fish kills, etc.: __________________________________________

Duration of discharge (include dates and times): __________________________________________

Total flow, gallons: ____________________________

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Sample 1</th>
<th>Sample 2</th>
<th>Sample 3</th>
<th>Sample 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date and time of sample</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flow Rate, million-gallons per day</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH, standard units</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Temperature, °C</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Residual Chlorine, mg/L (if adding chlorine)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluoride, mg/L (if adding fluoride)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Sulfate, mg/L</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ammonia as N, mg/L (if adding ammonia)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Suspended Solids, mg/L</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Dissolved Solids, mg/L</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conductivity, µmhos/cm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Alkalinity (as CaCO₃), mg/L</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (print): ___________________________________________ Title: _______________________

Signature: ___________________________________________ Date: _____________________
DISCHARGE MONITORING SUMMARY FORM – OUTFALL DW2

This form is to be used to summarize effluent monitoring information for discharges from facilities covered under the General Surface Water Discharge Permit for Water Treatment Plants.

Permittee Name: _____________________________________________________________

Permit No.: __________________________________________________________________________________________

Address: __________________________________________________________________________________________

Facility Contact: ___________________________ Phone: ___________________________

Describe the events leading to the discharge, and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance (use attachment if insufficient space):

_________________________________________________________________________________________

_________________________________________________________________________________________

_________________________________________________________________________________________

_________________________________________________________________________________________

_________________________________________________________________________________________

_________________________________________________________________________________________

Describe any adverse effects, such as fish kills, etc.: _____________________________________________

Duration of discharge (include dates and times): ________________________________________________

Total flow, gallons: ________________________________________________________________________

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Sample 1</th>
<th>Sample 2</th>
<th>Sample 3</th>
<th>Sample 4</th>
</tr>
</thead>
<tbody>
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<td></td>
<td></td>
</tr>
<tr>
<td>pH, standard units</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Residual Chlorine, mg/L (if adding chlorine)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Total Suspended Solids, mg/L</td>
<td></td>
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<td></td>
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</table>

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (print): ___________________________________________ Title: __________________________

Signature: ___________________________ Date: __________________________

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