

STATE OF UTAH
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WATER QUALITY
UTAH WATER QUALITY BOARD
P.O. BOX 144870
SALT LAKE CITY, UTAH 84114-4870

**Ground Water Discharge Permit
Permit No. UGW010013**

In compliance with the provisions of the Utah Water Quality Act, Title 19, Chapter 5, Utah Code Annotated 1953, as amended, the Act,

**Alpental Energy Partners
86 North University Avenue, Suite 400
Provo, Utah 84601**

hereafter referred to as the Permittee, is granted a Ground Water Discharge Permit for the operation of the Blue Mountain Biogas facility located in Beaver County, Utah. The digesters are located in Section 27, Township 30 South, Range 13 West, Salt Lake Base & Meridian.

This permit is based on representations made by the Permittee and other information contained in the administrative record. It is the responsibility of the Permittee to read and understand all provisions of this permit.

The facilities described herein shall be operated in accordance with conditions set forth in the permit and the Utah Administrative Rules for Ground Water Quality Protection (UAC R317-6).

This permit shall become effective on [Date](#).

This permit shall expire at midnight on [Date](#).

Signed this ____ day of [month](#), [year](#).

Walter L. Baker, P.E.
Executive Secretary
Utah Water Quality Board

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PART I. SPECIFIC CONDITIONS

A. GROUND WATER CLASSIFICATION

Ground water class as defined in UAC R317-6-4 is generally Class IA Pristine ground water based on an upgradient monitoring well operated by Circle Four Farms. This may change after the completion of the accelerated background monitoring program outlined in Part I.G.2 of this permit for the site-specific monitoring wells for the Blue Mountain Biogas Facility.

B. BACKGROUND GROUND WATER QUALITY

Background ground water quality data will be determined from an accelerated background monitoring program outlined in Part I.G.2 of this permit for the monitoring wells associated with the Blue Mountain Biogas Facility.

C. BEST AVAILABLE TECHNOLOGY PERFORMANCE STANDARD

1. Best Available Technology

The administration of this permit is founded on the use of best available technology, in accordance with the requirements of UAC R317-6-1.3. The digesters, equalization basins, and piping are a closed system. The facility generates no waste of its own. Only manure and water from the hog-raising operations may be placed in the digesters for biogas harvesting, unless authorized by the Executive Secretary.

Land application of wastes is not allowed. Any excess wastewater will be returned to the originating farm lagoons.

2. Performance Standard for Best Available Technology

Compliance with the requirements for use of best available technology will be demonstrated by construction of the digester system in accordance with the Construction Permit. The digesters and waste equalization basins are lined with 80-mil flexible membrane liner (FML). The dimensions, maximum operating depth, free board, liquid contact area, and operating volume of each primary and containment basin for each farm site are provided in the engineering design plans and specifications of Construction Permit.

Liner integrity will be evaluated prior to operation with the approved construction quality assurance/quality control (CQA/QC) plan and the associated Construction Certification As-Built Report as required by the Construction Permit.

The liner integrity must be maintained. Deterioration of materials or any

other situation that prevents the liner from functioning according to the approved design shall constitute non-compliance with this permit. After completion of construction, synthetic liners must remain in contact with the prepared soil base of the basins and digesters. Adequate slack and ballast will also be provided if necessary, to minimize stresses and suspensions of the liner at the toe of the dikes due to variations in ambient temperature and incident solar radiation. Any large suspensions or billowing of synthetic liner is considered a failure of this performance standard. The formation of bulges or “whales” in the liner when the basins or digesters contain water is an indication of a leak in the liner. When whales form in the liner, the liner must be repaired in an expeditious manner. Impact to the underlying soils must be assessed in conformance with the provisions detailed in the most recently revised and approved version of the Spill Prevention and Response Plan.

3. Closure Plan

At least 180 days prior to closure of any digester or basin system, the Permittee shall submit to the Executive Secretary a site-specific closure plan for disposition of the liquids, solids, and liner material of the digesters and basins to be closed. The liner material must be disposed of in a manner which will not lead to ground water contamination. The monitoring wells may be sampled for a post closure monitoring period as determined by the Executive Secretary.

D. COMPLIANCE MONITORING

1. Compliance Monitoring Wells

The Permittee will monitor two upgradient and two downgradient compliance monitoring wells at the Blue Mountain Biogas Facility. Information on these wells is provided in Table 1.

Table 1: Monitoring Well Information

Well	Location ¹	Elevation (TOC)	Well Depth	Depth of Screened Interval	Ground Water Elevation date
MW-1U	38.1741 N -113.2988 W				
MW-2U	38.1729 N -113.2988 W				
MW-3D	38.1788 N -113.2954 W				
MW-4D	38.1739 N -113.2954 W				

1. Tentative monitoring well locations in Section 27, Township 30 S., Range 13 W., SLBM.

2. Protection of Monitoring Wells

All compliance monitoring wells must be protected from damage due to surface vehicular traffic or contamination due to surface spills, and shall be maintained in full operational condition for the life of this permit. Any compliance monitoring well that becomes damaged beyond repair or is rendered unusable for any reason will be replaced by the Permittee within 90 days or as directed by the Executive Secretary.

3. Ground Water Protection Levels

Site-specific Ground Water Protection Levels will be established after the completion of the accelerated background monitoring program described in Part I.G.2 of this permit. In the interim protection levels in Table 2 below will be used.

Table 2: Interim Ground Water Protection Levels

Parameter	Interim Protection Level (mg/l)
Total Dissolved Solids	500 ^(a)
Chloride	62.5 ^(b)
Sulfate	62.5 ^(b)
Bicarbonate	226 ^(c)
Nitrate + Nitrite as N	2.5 ^(d)
Ammonia as N	7.5 ^(e)
Bromide	1.0 ^(c)

- (a) Equals the upper limit of Class IA Pristine Ground Water.
- (b) Equals 0.25 times EPA Secondary Drinking Water Standard.
- (c) Based on water quality data of a nearby upgradient monitoring well.
- (d) Equals 0.25 times the Utah Ground Water Quality Standard.
- (e) Equals 0.25 times the EPA Lifetime Health Advisory.

4. Monitoring Procedures

- a. Water Quality Sampling, Handling and Analysis Plan - All water quality monitoring to be conducted under this permit shall be conducted in accordance with the Water Quality Sampling, Handling, and Analysis Plan approved by the Executive Secretary as required in Part I.G.1 of this permit.
- b. Frequency – Following completion of the accelerated background monitoring program required by Part I.G.2, the Permittee shall conduct ground water compliance monitoring described below on a semi-annual basis.
- c. Depth to Ground Water - Depth to ground water must be measured to the nearest 0.01 foot below the top of the well casing before collecting any samples from the wells.

- d. Ground Water Elevations - Ground water elevations shall be determined by subtracting the depth to ground water measurement from the top of casing elevations in Table 1 and reported in feet above mean sea level to the nearest 0.01 foot.
- e. Ground Water Quality Sampling - samples of ground water from compliance monitoring wells will be collected for the following analyses.
 - 1) Field Stabilization Parameters - pH, temperature, and specific conductance.
 - 2) Laboratory Parameters – samples will be analyzed for compliance with the well-specific or site protection levels for the following parameters:
 - Ammonia as N
 - Chloride
 - Nitrate + Nitrate as N
 - Total dissolved solids (TDS)
 - Bicarbonate
 - Sulfate
 - Bromide

In addition, samples will be analyzed for other ions in Table A-1 and Table A-2 of the Water Quality Sampling, Handling, and Analysis Plan (Appendix A).

- f. Certified Laboratory - All laboratory analyses shall be performed by a laboratory certified by the State of Utah in accordance with UAC R317-6-6.3.L.

E. NON-COMPLIANCE STATUS

1. Probable Noncompliance Status

Exists if semi-annual ground water quality monitoring results indicate that the protection levels developed for this permit are exceeded in any downgradient well. In this case the Permittee shall resample all monitor wells at the site where the probable noncompliance has occurred, submit the analytical results thereof, and notify the Executive Secretary of the probable noncompliance status within 30 days of the initial detection.

2. Out-of-Compliance Status

Exists when the value for any one ground water pollutant exceeds the protection level in two consecutive sample events from a compliance monitoring point.

a. Notification and Accelerated Monitoring

Upon determination by the Permittee, in accordance with UAC R317-6-6.17 that an out-of-compliance exists, the Permittee shall:

- 1) Verbally notify the Executive Secretary of the out-of-compliance within 24 hours, and provide written notice within 5 days of the detection, and
- 2) Immediately implement an accelerated schedule of quarterly ground water monitoring for all wells where the exceedance occurred, which shall continue for at least six months or until the facility is brought into compliance.

b. Source and Contamination Assessment Study Plan

Within 30 days of the verbal notice to the Executive Secretary, the Permittee shall submit an assessment study plan and compliance schedule for:

- 1) Assessment of the source or cause of the contamination, and determination of steps necessary to correct the source.
- 2) Assessment of the extent of the ground water contamination and any potential dispersion.
- 3) Evaluation of potential remedial actions to restore and maintain ground water quality, and ensure that the ground water standards will not be exceeded at the downgradient compliance monitoring wells.

3. Failure to Maintain Best Available Technology Required by Permit

A facility will be determined to be in an out-of-compliance status if best available technology has failed or cannot be maintained according to the provisions required by this permit, unless:

- a. The Permittee has notified according to Part I.F.2, and
- b. The failure was not intentional or was not caused by the Permittee's negligence, either in action or failure to act, and
- c. The Permittee has taken adequate remedial measures in a timely manner or has developed an approvable remedial action plan and implementation schedule for restoration of best available control technology, an equivalent control technology, or closure of the facility (implementation of an equivalent technology will require permit modification and re-issuance), and
- d. The Permittee has demonstrated that any discharge of a pollutant from the facility is not in violation of the provisions of UCA 19-5-107.

4. Additional Notification

In the event of out-of-compliance status due to either an exceedance of ground water protection levels, a failure of Best Available Technology, or a surface spill, the Permittee shall notify the County Commission in which the incident occurs and the Southwest Utah District Health Department within 24 hours or the first working day following a spill.

5. Contingency Plan for Exceedance of Protection Levels

If, after review of ground water monitoring data and other relevant information, the Executive Secretary determines that use of any digester or waste handling system has caused an exceedance of ground water protection levels at any compliance monitoring point, the Permittee shall conduct a Contamination Investigation (R317-6-6.15) to determine the extent and severity of contamination caused by the digester or any waste handling system and submit it for review by the Division of Water Quality within 45 days of determination of out-of-compliance status. After review of this report the Executive Secretary may require the Permittee to develop a Corrective Action Plan (R317-6-6.15) to remediate the contamination. Actions taken under the plan may include emptying liquids and sludge from the leaking digester into other permitted and functioning lagoons, repairing or reconstructing the digester liner as needed, constructing temporary holding ponds lined with flexible membrane liners, containing liquid waste release and developing wells for the purpose of extracting the contaminated ground water. Contaminated ground water may be stored in lagoons.

6. Contingency Plan for Failure of Best Available Technology

In the event of BAT failure for any of the ponds, the contents of the ponds will be drawn down by returning water to farm lagoons. The system would then be operated by isolating the faulty structure and incorporating extreme water conservation techniques to allow time for regaining integrity.

F. REPORTING REQUIREMENTS

1. Semi-Annual Ground Water Monitoring Reports

Semi-Annual monitoring reports shall include the following information:

- a. Field data sheets, or copies thereof, including the field parameters required in Part I.D.4.e.1, above, and other pertinent field data, such as well name/number, date and time, names of sampling crew, depth to ground water, type of sampling pump or bailer, measured casing volume, and volume of water purged before sampling.
- b. Depth to water and ground water elevations in all monitoring wells.
- c. Results of ground water analysis, including date sampled, date received and the results of analysis for each parameter, including: value or concentration, units of measurement, method detection limit

for the examination, analytical method and the date of analysis. The analytical methods and the method detection limits for every parameter specified in Part I.D.4.e.2 must conform to those in the approved Water Quality Sampling, Handling and Analysis Plan (Appendix A).

2. Noncompliance or Probable Noncompliance

Reporting requirements for noncompliance or probable noncompliance status shall be according to the provisions of Part I.E.

3. Electronic Filing Requirements

The Permittee will submit the required ground water monitoring data in one of these electronic formats: adobe PDF, CD, or other approved transmittal mechanism.

4. Semi-Annual Ground Water Monitoring Report Schedule

Monitoring required in Part I.D.4 (above) shall be reported according to the Compliance Monitoring Reporting Schedule in Table 3 below, unless modified by the Executive Secretary.

TABLE 3: Compliance Monitoring Reporting Schedule

Semi-Annual Monitoring Period	Report Due Date
January through June	August 1
July through December	February 1

5. Failure of Best Available Technology

Reporting requirements for failure of Best Available Technology shall be according to the provisions of Part I.E.2.

G. COMPLIANCE SCHEDULE

1. Spill Prevention and Repair Plan

The Permittee shall submit a Spill Prevention and Repair Plan (Appendix B) for Executive Secretary Approval within 45 days following completion of construction.

2. Accelerated Background Monitoring Program and Report

The Permittee shall conduct an accelerated background monitoring program by collecting at least eight samples from each monitor well over a two-year period to determine background ground water quality and variability of the water quality parameters listed in the Water Quality Sampling, Handling, and Analysis Plan.

The Permittee shall submit an Accelerated Background Monitoring Report in accordance with the requirements in Part I.F.1 of this permit.

In addition, the following statistical calculations shall be provided in spreadsheet form for each parameter in each well using the accelerated background monitoring data:

- Mean concentration;
- Standard deviation;
- Mean concentration plus two standard deviations;
- Mean concentration times 1.25; and
- 0.25 times the Ground Water Quality Standard.

After a technical review and approval of the report, the Executive Secretary will reopen the permit to set well-specific ground water protection levels for each parameter and compliance monitoring well according to UAC R317-6-4.

PART II. REPORTING REQUIREMENTS

- A. REPRESENTATIVE SAMPLING Samples taken in compliance with the monitoring requirements established under Part I shall be representative of the monitored activity.
- B. ANALYTICAL PROCEDURES. Water sample analyses must be conducted according to test procedures specified under UAC R317-6-6.3L, unless other test procedures have been specified in this permit.
- C. PENALTIES FOR TAMPERING. The Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than six months per violation, or by both.
- D. REPORTING OF MONITORING RESULTS. Monitoring results obtained during each reporting period specified in the permit, shall be submitted to the Executive Secretary, Utah Division of Water Quality at the following address in accordance with the schedule in Table 3 of this permit:

Utah Division of Water Quality
P.O. Box 144870
Salt Lake City, Utah 84114-4870
Attention: Ground Water Protection Program
Electronic address: rherbert@utah.gov

- E. COMPLIANCE SCHEDULES. Reports of compliance or noncompliance with, or any progress reports on interim and final requirements contained in any Compliance Schedule of this permit shall be submitted no later than 14 days following each schedule date.
- F. ADDITIONAL MONITORING BY THE PERMITEE. If the permittee monitors any pollutant at a compliance monitoring point more frequently than required by this permit, using approved test procedures as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted. Such increased frequency shall also be indicated.
- G. RECORDS CONTENTS.
1. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The individual(s) who performed the sampling or measurements;
 - c. The date(s) and time(s) analyses were performed;
 - d. The name of the certified laboratory which performed the analyses;
 - e. The analytical techniques or methods used; and,
 - f. The results of such analyses.

- H. RETENTION OF RECORDS. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and 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 five years from the date of the sample, measurement, report or application. This period may be extended by request of the Executive Secretary at any time.
- I. NOTICE OF NONCOMPLIANCE REPORTING.
1. The permittee shall verbally report any noncompliance which may endanger public health or the environment as soon as possible, but no later than 24 hours from the time the permittee first became aware of the circumstances. The report shall be made to the Utah Department of Environmental Quality 24 hour number, (801) 536-4123, or to the Division of Water Quality, Ground Water Protection Section at (801) 536-4300, during normal business hours (Monday through Friday 8:00 am - 5:00 pm Mountain Time).
 2. A written submission shall also be provided to the Executive Secretary 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 and its cause;
 - b. The period of noncompliance, including exact dates and times;
 - c. The estimated time noncompliance 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.
 3. Reports shall be submitted to the address in Part II.D, Reporting of Monitoring Results.
- J. OTHER NONCOMPLIANCE REPORTING. Instances of noncompliance not required to be reported within 5 days, shall be reported at the time that monitoring reports for Part II.D are submitted.
- K. INSPECTION AND ENTRY. The permittee shall allow the Executive Secretary, or an authorized representative, 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 the 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.

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PART III. COMPLIANCE RESPONSIBILITIES

- A. DUTY TO COMPLY. The Permittee 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 advance notice to the Executive Secretary of the Water Quality Board of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- B. PENALTIES FOR VIOLATIONS OF PERMIT CONDITIONS. The Act provides that any person who violates a permit condition implementing provisions of the Act is subject to a civil penalty not to exceed \$10,000 per day of such violation. Any person who willfully or negligently violates permit conditions is subject to a fine not exceeding \$25,000 per day of violation. Any person convicted under Section 19-5-115(2) of the Act a second time shall be punished by a fine not exceeding \$50,000 per day. Nothing in this permit shall be construed to relieve the permittee of the civil or criminal penalties for noncompliance.
- C. 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.
- D. 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.
- E. 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) which 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 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.

PART IV. GENERAL REQUIREMENTS

- A. PLANNED CHANGES. The Permittee shall give notice to the Executive Secretary as soon as possible of any planned physical alterations or additions to the permitted facility which could significantly change the nature of the facility or increase the quantity of pollutants discharged.
- B. ANTICIPATED NONCOMPLIANCE. The Permittee shall give advance notice of any planned changes in the permitted facility or activity which is anticipated may result in noncompliance with permit requirements.
- C. 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.
- D. 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 application should be submitted at least 180 days before the expiration date of this permit.
- E. DUTY TO PROVIDE INFORMATION. The Permittee shall furnish to the Executive Secretary, within a reasonable time, any information which the Executive 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 Executive Secretary, upon request, copies of records required to be kept by this permit.
- F. 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 Executive Secretary, it shall promptly submit such facts or information.
- G. SIGNATORY REQUIREMENTS. All applications, reports or information submitted to the Executive Secretary shall be signed and certified.
 1. All permit applications shall be signed as follows:
 - a. For a corporation: by a responsible corporate officer;
 - b. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.
 - c. 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 Executive 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 Executive Secretary, and;
 - b. The authorization specified either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (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 Part IV.G.2 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 Part IV.G.2 must be submitted to the Executive 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."

- H. PENALTIES FOR FALSIFICATION OF REPORTS. The Act provides that 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 fine of not more than \$10,000 per violation, or by imprisonment for not more than six months per violation, or by both.
- I. AVAILABILITY OF REPORTS. Except for data determined to be confidential by the permittee, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Executive Secretary. As required by the Act, permit applications, permits, effluent data, and ground water quality data shall not be considered confidential.

- J. PROPERTY RIGHTS. The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.
- K. 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.
- L. TRANSFERS. This permit may be automatically transferred to a new Permittee if:
1. The current permittee notifies the Executive Secretary at least 30 days in advance of the proposed transfer date;
 2. The notice includes a written agreement between the existing and new permittee containing a specific date for transfer of permit responsibility, coverage, and liability between them; and,
 3. The Executive 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 Part IV.L.2 above.
- M. STATE LAWS. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, penalties established pursuant to any applicable state law or regulation under authority preserved by Section 19-5-117 of the Act.
- N. RE-OPENER PROVISIONS. This permit may be reopened and modified (following proper administrative procedures) to include the appropriate limitations and compliance schedule, if necessary, if one or more of the following events occurs:
1. If new ground water standards are adopted by the Board, the permit may be reopened and modified to extend the terms of the permit or to include pollutants covered by new standards. The Permittee may apply for a variance under the conditions outlined in R317-6.4D.
 2. Changes have been determined in background ground water quality.

APPENDIX A

WATER QUALITY SAMPLING, HANDLING, AND ANALYSIS PLAN

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APPENDIX B

Spill Response Plan

Draft Permit Note: This ground water discharge permit will be issued prior to the start of facility construction. This plan (Appendix B) is not due until 45 after completion of construction of the digesters, basins, and piping to the farms. Appendix B will become part of the permit following review and approval by the Executive Secretary.

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