Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 26, 2008

Doug Child
1284 West Flint Meadow Drive, Suite D
Kaysville, Utah 84037

RE: Sleepy Meadow Plat "A" - Water and Sewer Main Extensions (from the Town of Thayne) - Permit Number 08-401R, SW ¼ NE ¼ , Section 24, T34N, R119W, Lincoln County

Dear Mr. Child:

The above application for coverage under General Permits to Construct the extension of a public water supply distribution system and the extension of a sewage collection system consisting of about 1420 linear feet (LF) of 8-inch PVC water main and about 1404 LF of 8-inch PVC sewer main to serve 32 residential lots in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Mark Baron

Mark Baron, P.E.
Southwest District Engineer
Water Quality Division

xc: IPS, Cheyenne
Greg Magleby, P.E., LEI Consulting Engineers and Surveyors, Inc., 3302 North Main, Spanish Fork, Utah 84660

encl: General Permit for a Public Water Supply Distribution System,
General Permit for a Sewage Collection System

Lander Field Office • 510 Meadowview Drive • Lander, WY 82520 • http://deq.state.wy.us

ABANDONED MINES (307) 332-5085 FAX 332-7726
AIR QUALITY (307) 332-6755 FAX 332-7726
LAND QUALITY (307) 332-3047 FAX 332-7726
SOLID & HAZARDOUS WASTE (307) 332-6924 FAX 332-7726
WATER QUALITY (307) 332-3144 FAX 332-3183

STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND INJECTION CONTROL PERMIT ISSUED UNDER
WYOMING WATER QUALITY RULES AND REGULATIONS
CHAPTER 16

CLASS V INJECTION WELL

(X) New
( ) Modified

Permit Number UIC 08-402
UIC Facility Number WYS-007-00170

In compliance with the Wyoming Environmental Quality act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through 301 (a)(iv), Laws 1973, Ch. 250, Section 1) and Wyoming Water Quality Rules and Regulations, Chapter 16.

Applicant: Beneterra, LLC
1415 N. Main Street
Sheridan, WY 82801
(307) 673-0607

Beneterra, LLC, hereafter referred to as the permittee, is authorized to operate the proposed Class V (5F2) Subsurface Drip Irrigation (SDI) Project known as the SDI Project - Weber in Section 23, Township 17 North, Range 91 West, 6th Principal Meridian, Carbon County, according to the procedures and conditions of application 08-402 and requirements and other conditions of this area permit.

This permit shall become effective on date of issuance.

John Wagner, Administrator
Water Quality Division
Herschler Building, 122 West 25th Street
Cheyenne, WY 82002
(307)-777-7781

8/26/08
Date

John V. Corra, Director
Department of Environmental Quality
Herschler Building, 122 West 25th Street
Cheyenne, WY 82002

8/28/08
Date

AWV/rm/8-0640

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A. Discharge Zone

The SDI Project - Weber is authorized to inject into the alluvial deposits adjacent to an unnamed intermittent tributary to Dry Cow Creek, an ephemeral stream, tributary to Muddy Creek, a perennial stream, tributary to Little Snake River in northern Carbon County.

B. Well and Area of Review

The injection wells associated with the SDI Project - Weber authorized by this area permit are located as follows:

There are two (2) Subsurface Dispersal Systems (SDI) associated with this project located in parts of sections 23, Township 17 North, Range 91 West, 6th Principal Meridian. The first system is a typical SDI on approximately 60 acres. The second system consists of a pilot project to reclaim the surface of natural gas rig drill pads and the pipelines associated natural gas production. The second system consists of 4 drill pads and associated pipelines that total approximately 13 acres.

Each of the fields and drill pads is authorized as an injection well. The locations of the approximate center of each field are listed in Table 1 below. Maps showing the project location and the layout of the irrigated fields are presented in Figures 2 and 3 of the "Application for Underground Injection Control Permit for Weber Subsurface Drip Irrigation Project". The injectate will be sampled at the filter plant located in the SENENW of section 23, Township 17 North, Range 91 West, 6th Principal Meridian.

Table 1: Field Locations

Field Identification	Location of Field Center
WEBER	NENWSW, Section 23, T. 17N, R. 91W
15-23	SWSWSE, Section 23, T. 17N, R. 91W
11-23	NESW, Section 23, T. 17N, R. 91W
9-23	NENESE, Section 23, T. 17N, R. 91W
7-23	NWSWNE, Section 23, T. 17N, R. 91W

The Area of Review around these systems is described as follows:

The area of review includes all portions of the aquifer which will be affected in a measurable way within ten years of granting the permit. The Weber SDI area of review was determine based on the following:

- No groundwater was encountered;
- Bedrock outcrops and subcrops, proximity to potential surface water courses; and,
- Monthly water balance calculations.

The water balance calculations were computed for the combined SDI systems on a monthly basis for the ten year duration of the operation and included the following assumptions:

- Monthly precipitation rates based on historical data from Wamsutter, Wyoming,
- Average vadose zone thickness and porosity for the area based on observations made during site investigation,

- Monthly evapotranspiration rates of the irrigated crop estimated using the Blaney-Criddle method,
- Monthly irrigation rates specific to each field,
- Average water holding capacity,
- Average rooting zone depth, etc.

Detailed explanation of the water balance calculations and assumptions is presented in the "Application for Underground Injection Control Permit for Weber Subsurface Drip Irrigation Project".

The Area of Review around these systems is described as follows:

- N ½ of SENW, SWSENW, E ½ of SWNW, NWNESW, NWSW, NWNWSW, Section 23, T. 17N, R. 91W;
- SWSWSE, Section 23, T. 17N, R. 91W;
- NESW, Section 23, T. 17N, R. 91W;
- NENESE, Section 23, T. 17N, R. 91W;
- NWSWNE, Section 23, T. 17N, R. 91W; 6th Principal Meridian.

C. Groundwater Classification

Data from eight (8) monitoring wells were used to evaluate groundwater at the original Weber SDI Project. Three wells were drilled to a total depth of 150 feet and five additional wells were drilled to depths ranging from 26 to 52 feet. No groundwater was encountered.

D. Authorized Operations

The permittee is authorized to inject 285,600 gallons per day of produced coalbed methane water through the SDI Project - Weber. The produced water originates from coal bed methane wells completed in the Mesa Verde coal seams. Water migrating from the drip irrigation system shall not enter into any natural water courses.

E. Hazardous Waste

This permit does not allow for the injection of any hazardous waste as defined in 40 CFR 261.3 and in Wyoming Solid Waste Management Rules and Regulations, Chapter 2. Injection of any substance defined as a hazardous waste, whether hazardous by listing or by characteristic is a violation of this permit.

F. Proper Operation and Maintenance

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit. The permittee shall operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes: effective performance, adequate funding, operator staffing and training, and laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

The facilities covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapter 16. A "UIC Construction Notification" form (available on the

WDEQ's groundwater website at http://deq.state.wy.us/wqd/groundwater/index.asp) shall be submitted to the Groundwater program in Sheridan upon completion of construction of all or any portion of the project prior to placing that portion of the project into operation. The operator shall also submit detailed "as-built" drawings of the facility upon completion. The drawings shall include all surge ponds, piping, manifolds, a general layout of the drip tape, etc.

The permittee is required to operate in accordance with statements, representations and procedures presented in the complete permit application and supporting documents as accepted and approved by the Administrator. Any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued. Injection into a well may not begin until the permit is approved, construction of that well is complete and WDEQ/WQD has either inspected the well or waived its option to inspect the well.

G. Entry and Inspection

The permittee shall allow the Administrator (upon presentation of credentials and during normal working hours) to enter the premises where a regulated facility is located, or where records are kept under the conditions of this permit and inspect and photograph the discharge and related facilities, review and copy reports and records required by this permit, collect fluid samples for analysis, measure and record water levels, and perform any other function authorized by law or regulation.

H. Environmental Monitoring Program for Groundwaters of the State

General Requirements:

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

2. The permittee shall retain records of all monitoring information including all calibration and maintenance records, copies of the 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 (3) years from the date of the sample measurement, report, or application. This period may be extended by request of the Administrator at any time.

3. The permittee shall use electronic data deliverable (EDD) reporting when required by the Department.

4. Records of monitoring information shall include:

   a. The date, exact place, and time of sampling or measurements;
   b. The initials or name(s) of the individual(s) who performed the sampling or measurements;
   c. The date(s) analyses were performed;
   d. The time(s) analyses were initiated;
   e. The initials or name(s) of the individual(s) who performed the analyses;
   f. References and written procedures for the analytical techniques or methods used;
   g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results.

5. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.

6. The permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified decommissioning procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.

7. The permittee shall report any noncompliance which may endanger health or the environment within 24 hours from the time the operator becomes aware of the circumstances. The report should include:

   a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state;
   b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable ground waters of the state;
   c. A written submission shall be provided within 5 days of the time the operator becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

8. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted.

9. 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 30 days following each schedule date.

I. Requirements for Monitoring the Discharge.

1. The permittee shall monitor the quantity and quality of the injected fluid on the schedule listed in Table 2 below.

This space intentionally left blank

Table 2: Injected Fluid Monitoring Schedules

Sampling and Reporting Schedule	Parameter Analyzed	Analytical Method	Permit limit or UCL*
Quarterly 12/31; 3/31; 6/30; 9/30	Total Volume discharged to each field (WEBER, 15-23, 11-23, 9-23, 7-23)	Duration of flow, pressure and valve capacity	The volume of flow from all five fields combined shall not exceed 285,600 gallons/day (207,000 Bbls/mo)
Annually 12/31	Total Dissolved Solids (sample to be collected at the injectate sampling point)	EPA 160.1	5,000 mg/L
Annually 12/31	Iron Fixing Bacteria	IRB	0.0 mg/L
Annually 12/31	pH	4500-HB	6.5 to 8.5
Annually 12/31	Sodium Adsorption Ratio	200.7	8
Annually 12/31	Sulfate Reducing Bacteria	SRB	0.0 mg/L

2. Groundwater was not encountered in the receiving formation and no impact to groundwater is anticipated. In the event that surface water monitoring detects seeps or leakage, the operator will immediately stop all discharge and report the findings to WDEQ, Groundwater Program, UIC Geological Supervisor, Herschler Building 4W, 122 West 25th Street, Cheyenne, Wyoming. Further discharge is prohibited until a groundwater monitoring program evaluation is made.

3. No water from this facility shall reach any surface water, including ephemeral drainages. The reach of the unnamed ephemeral stream trending North-northeast to South-southwest through the Weber SDI shall be visually inspected on a monthly basis for seeps from the facility. The point of inspection shall begin in the NWSENW Section 23, T. 17N, R. 91W, at least to the SESESE Section 22, T. 17N, R. 91W. The area below each of the Disturbance Reclamation sites shall be visually inspected on a monthly basis during discharge times to these areas. The inspection shall be at an arcuate transect below each of the drill pads and on the lower edges of the pipeline disturbances.

Table 4: Surface Water Monitoring Schedules

SURFACE WATER STATION NAME OR NUMBER	SAMPLING SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT or UCL*
WEBER, 15-23, 11-23, 9-23, 7-23 as described above.	Monthly, during discharge periods	Quarterly 3/31; 6/30; 9/30; 12/31	Visual inspection for surface seepage	Visual	None (tracking purposes: surface water protection)

4. In the event that surface water monitoring detects seeps or leakage, the operator will immediately stop all discharge and report the findings to WDEQ, Groundwater Program, UIC Geological Supervisor,

Herschler Building 4W, 122 West 25th Street, Cheyenne, Wyoming. Further discharge is prohibited until a surface water monitoring program evaluation is made.

5. If construction and operation of fields proceeds in a staged manner, the monitoring locations associated with that field shall be sampled during the first quarterly event after construction of the field. The operator shall notify the WDEQ upon construction of each field by completing and submitting the "Underground Injection Control Notification of Completion of Construction of Injection Well" form. Table 5 lists which monitoring locations shall be monitored after construction of the field.

Table 5: Field Monitoring Locations

Field Identification	Monitoring Locations
Weber	Weber Visual
15-23	15-23 Visual
11-23	11-23 Visual
9-23	9-23 Visual
7-23	7-23 Visual

All chemical parameters listed in this permit are expressed in mg/L unless otherwise noted. The parameter pH is expressed in standard units. The permittee shall use the above listed analytical methods unless an alternate method is first approved by the Water Quality Division.

Failure to perform and report analyses in accordance with the prescribed schedule and method is a violation of this permit.

The requirements for monitoring the discharge, groundwater and surface water listed in Table 2, Table 3, and Table 4 shall be submitted to the following address: WDEQ, Groundwater Program, UIC Geological Supervisor, Herschler Building 4W, 122 West 25th Street, Cheyenne, Wyoming. A copy of the data shall also be supplied to the WDEQ, Sheridan field office at the following address: WDEQ, Groundwater Program, 1866 South Sheridan Ave., Sheridan, WY 82801.

J. Test Procedures

All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples taken shall include a trip blank of distilled water for each sampling date and a duplicate sample at least once per year. All required analyses shall be conducted in compliance with Wyoming Water Quality Rules and Regulations, Chapter 8, Section 7.

K. Records and Reports

The permittee shall furnish to the Administrator within a specified time any information which the Administrator may request relating to the operation of the facility, including copies of records required to be kept by this permit. The permittee shall retain copies of all records and reports required by this permit for a period of three (3) years following permanent well abandonment. After that time, those records shall be delivered to the Administrator for disposal or archive at his discretion. Reports of compliance or noncompliance with, and any progress reports on, interim and final requirements contained in any compliance schedule shall be submitted no later than thirty (30) days following each schedule date. Confirmed noncompliance resulting in the migration of injected fluid into any zone outside the permitted receiver shall be reported to the Administrator within twenty-four (24) hours, and a written submission (via

certified mail) shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written submission shall contain: a description of the noncompliance; the period of noncompliance, including exact dates and times, and if the noncompliance has not been controlled, the anticipated time it is expected to continue; and a list of the steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance. Confirmed noncompliance not already reported under this section shall be reported at the time monitoring reports are submitted. The reports shall contain the same information as required by the paragraph above. The permittee shall notify the Administrator thirty (30) days in advance of any planned alteration, conversion, or abandonment of the well covered by this permit.

L. Permit Actions

This permit is authorized for a period of ten (10) years. If the permittee wishes to continue injection after the expiration date of this permit he shall apply to the Administrator and obtain a new permit. It shall not be a defense for the permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. The filing of a request by the permittee, or at the instigation of the Administrator, for permit modification, revocation, termination, or notification of planned changes or anticipated noncompliance shall not stay any condition of this permit.

After notice and opportunity for a hearing, a permit may be modified, suspended or revoked in whole or part during its term for cause which includes, but is not limited to any of the following:

1. Violation of this permit; or

2. Obtaining a permit by misrepresentation of facts in the application.

This permit will be reviewed at least once every five (5) years, and may be reviewed more frequently. A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit was issued. A permit may be modified in whole or part in order to apply more or less stringent standards; or prohibitions for toxic or other substances present in the permittees discharge as may be ordered by the Environmental Quality Council.

M. Abandonment

General Requirements:

1. The permittee shall notify the administrator at least thirty (30) days prior to abandonment of the facility.

2. An abandonment report, detailing the compliance with abandonment procedures outlined in the original application for coverage under this permit, or describing any deviations from the original plan, shall be submitted as soon as practicable after abandonment. The abandonment shall include reclamation of the well site.

3. The injection systems covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 16, Section 12. Groundwater monitoring wells covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 11, Part G.

N. Duties of the Permittee

The permittee shall give advance notice to the Administrator as soon as possible of any planned physical alteration or additions, other than authorized operation and maintenance, to the permitted facility and receive authorization prior to implementing the proposed alternation or addition. The permittee shall furnish the Administrator within a reasonable time any information which the Administrator may request to determine whether cause exists for modifying, revoking, or reissuing, or terminating this permit, or to determine compliance with this permit; and to furnish to the Administrator upon request, copies of records required to be kept by this permit. Any modification which may result in a violation of a permit condition shall be reported to the Administrator, and any modification that will result in a violation of any permit conditions shall be reported to the Administrator through the submission of a new or amended permit application. The permittee shall report all instances where he becomes aware that he failed to submit any relevant facts in the permit application, or where he submitted incorrect information in a permit application or in any report to the Administrator, and shall promptly submit such facts or information.

If any cultural materials are discovered during construction, work in the area should halt immediately. The Administrator and the Wyoming State Historic Preservation Office shall be contacted (777-7697) and the materials shall be evaluated by an archaeologist or historian meeting the Secretary of the Interior's Professional Qualification Standards (48 FR 22716, Sept. 1983).

O. Signatories Requirement

All reports filed in conjunction with this permit shall contain 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."

All reports required by this permit and other requested information shall be signed as follows:

<u>For a corporation</u> – by a principal executive officer of at least the level of vice-president;

<u>For a partnership or sole proprietorship</u> – by a general partner or the proprietor, respectively;

<u>For a municipality, state, federal, or other public agency</u> – by either a principal executive officer or ranking elected official; or

<u>By a duly authorized representative</u> for any of the above. A person is a duly authorized representative only if:

1. The authorization is made in writing by one of the prescribed principals;

2. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and

3. The written authorization is submitted to the Administrator.

If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be submitted to the Administrator prior to or together with any reports or information, to be signed by the new authorized representative.

P. Noncompliance

The permittee shall comply with all conditions of the permit. Any permit noncompliance constitutes a violation of Wyoming Water Quality Rules and Regulations, Chapter 16 and is grounds for enforcement action, permit termination, revocation, or modification. Conformed noncompliance resulting in an excursion shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written report shall contain the sections specified in Section K of this permit. Any permit noncompliance constitutes a violation of this permit.

The filing of any 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.

Q. Permit Transfer

Any transfer of this permit shall be accomplished by the submission of the proper forms for permit transfer to the Administrator. Transfer of this permit must first be approved by the Administrator and the Director. No transfer shall be approved unless the proposed permittee agrees to bring any and all noncompliance issues into compliance with this permit. The permittee is alone responsible for the operation of the facility covered by this permit. Sale of the facility and subsequent operation of this facility by another is a violation of this permit unless a transfer of this permit has first been accomplished.

R. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege. This permit does not authorize injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

S. Severability

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation.

AWV/rm/8-640

STATEMENT OF BASIS FOR A UIC PERMIT

I. General information.

A. Permit Number: **08-402**

B. Facilities Covered: The Beneterra, LLC., Weber SDI (subsurface dispersal irrigation system) is located adjacent to an unnamed ephemeral drainage in Carbon County, Wyoming. These facilities will inject produced coal bed methane water into the alluvial deposits up to 10 feet in depth. The system is designed to inject up to a capacity of 285,600 gallons per day. Because of the nature of this water, the permit has been written to allow up to this capacity.

C. Class of Facility: 5F2 (Under Chapter 16)

II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)

A.	Chapter 8	Yes	D.	Chapter 12	No
B.	Chapter 9	No	E.	Chapter 13	No
C.	Chapter 11	Yes	F.	Chapter 16	Yes

III. Basis for issuing permit. (Indicate yes or no for each section.)

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

Yes

B. Permit based on deviation from applicable regulations in accordance with approved policy statement.

No

IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)

NOT Applicable

V. Application requires review to determine groundwater impacts in accordance with Wyoming Water Quality Rules and Regulations Chapters 8 and 16. There is no groundwater to a depth of at least 150 feet. Visual inspections are proposed with provisions for monitoring at this site to protect groundwater and surface water. This permit provides for a total flow capacity of 285,600 gallons per day.

VI. Documentation of Statement of Basis.

A. The archive file for this permit will include adequate documentation of all sections of this Statement of Basis.

VII. Applicant and Public Participation

A. The applicant has been provided with a draft permit prior to the permit being issued.

B. A Public Notice has been issued with a public notice period starting July 8, 2008 and ending on August 7, 2008. (Thirty day notice is required by Chapter 16.) This notice was published in the Sheridan Press on or before the start of the public comment period.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 5, Chapter 16, Wyoming Water Quality Rules and Regulations. This review was performed by Pete Vogel, P.G # 3626, Groundwater Program, Geologic Project Analyst, and completed on July 2, 2007. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

AWV/rm/8-0640

Grady Cooper
PO Box 72
Dixon, WY 82323-0072

RECEIVED
JAN 29 2009
ION

January 23, 2009

Mr. Ronald L. Ewald, Consulting Engineer
SE District, Water Quality Division
Department of Environmental Quality
122 West 25th Street
Cheyenne, WY 82002

RE: Letter of January 15, 2009

Dear Mr. Ewald:

Please be advised that the small wastewater application for permit to construct number 08-403 is hereby cancelled. Construction has not and will not take place as noted in our phone conversation of December 5, 2008. Thank-you for your assistance in the application process.

Sincerely,

Grady Cooper, Agent for Owner

Cc: Kirk and Kristine Shiner, Owners

02-05-09

IPS - please file this in either the application form received notebooks with copy of application or in Permit notebooks, OR even better, file a copy in Both

08-403

Thanks
Ron

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

January 15, 2009

Grady Cooper, Agent for Owner
P.O. Box 72
Dixon, WY 82323

RE: **Inactive Application Number: 08-403 Action: Application Returned-Non Response**
Facility: Shiner Septic System, Location: NE¼ NE¼, Sec. 18, T12N, R90W, Platte Co.
Owners: Kirk and Kristine Shiner, (no address & no phone number provided)

Dear Mr. Cooper, and Mr. & Mrs. Shiner:

Your application, number 08-403, for a residential on-site septic system, is considered inactive. It has been over 4½ months since the Wyoming Department of Environmental Quality / Water Quality Division (WQD) sent out review comments dated August 25, 2008 with the **Action: Not Authorized For Construction**. These review comments indicated that this application could not be permitted as proposed because the application package had numerous deficiencies and incorrect calculations. During a telephone conversation with Mr. Cooper on December 5, 2008, Mr. Cooper as the listed agent, indicated that the Shiner's had decided not to go ahead with the septic system since they had stopped the whole project(new house, new well, bringing in power from several miles away, etc.) because the cost estimates were getting too high. With this verbal report from Mr. Cooper, and since the WQD has not received any written response to the concerns detailed in the review comments, this application is being returned under the assumption that the applicant does not wish to proceed with the permit to construct permitting process at this time.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and is punishable with fines not to exceed $10,000 per day of violation. **If this project has already been constructed or partially constructed**, it is your responsibility to immediately contact this office for further information and instructions. If you wish to reconsider construction of this facility, then the application process must be started over and the application procedures pursuant to Chapter 3 of the Wyoming Water Quality Rules and Regulations must be followed.

If you should have any questions, or if the WQD has gotten any of the facts of this situation wrong, or has made any errant assumptions, please contact Ronald Ewald at either (307) 777-6183 or rewald@wyo.gov. Please be reminded that the WQD could show up some time in the future to verify that no unauthorized septic system construction/installation has occurred at this location.

Sincerely,

Ronald L. Ewald

Ronald L. Ewald
Consulting Engineer
SE District, Water Quality Division

RLE/rm/9-0035

cc: IPS
Southeast District, WQD: Inactive - Application Returned file

Enclosures: Application package
Copy of review comments dated August 25, 2008

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Shiner Septic System

LOCATION: NE¼ NE¼, Section 18, T12N, R90W, **Carbon County**

AGENT: Grady Cooper, Agent for Owner
P.O. Box 72
Dixon, Wyoming 82323
Ph: (307) 380-7905

APPLICANT: Kirk & Kristy Shiner
Address - ???????
Ph: ?????????????

WATER QUALITY DIVISION REFERENCE NUMBER: **08-403**

REVIEWING ENGINEER: Ronald L. Ewald
Phone: (307) 777-6183

DATE OF REVIEW: August 25, 2008

Professional Engineer (Civil)
RONALD L. EWALD
6279
WYOMING

Ronald L. Ewald
08-25-2008
Date

ACTION: **NOT AUTHORIZED FOR CONSTRUCTION**. In accordance with Section 12 (a), Chapter III, Wyoming Water Quality Rules and Regulations, the application is denied because it is incomplete or does not meet applicable minimum design and construction standards. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with Section 7. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Application Form Incomplete - the name, address, phone number, and the signature of the actual real estate owner needs to be completed on the form. From Page 1 of the application package, the owners would appear to be Kirk and Kristine Shiner. An agent cannot sign for the owners unless they have "Power of Attorney", proof of which must be included with the application.

2. Percolation Tests Not Done at the Correct Depth - the percolation (perk) test data sheet indicates that the depth of all three tests holes was only 12" to 14". The cross-section of the proposed trench indicates that the trenches are planned for about 5 feet deep. The perk test holes must be about the same depth (within + or – 3 inches) as the proposed leachfield trenches. This is necessary, and required, so that the same depth of soil strata is tested as will be in use when the system is in operation. Therefore, if the depth of the proposed trenches is to remain near 5 feet deep, then the perk test holes shall also be 5 feet deep, and the perk tests will need to be redone.

   After the perk tests have been redone, the perk rate probably will not, and should not, come out the same as the first time when the perk test holes were only 14" deep. This means that the loading rate factor will be different, the minimum infiltrative surface will have to be recalculated, and the minimum length of trenches required will be different, and so on. Blank work sheets and detail sheets are included so that you can redo what is necessary on "clean" pages.

3. Septic Tank Proposed – Not on DEQ Approved Septic Tank List - The 1000 gallon, 2 compartment, concrete, "Grand Junction Pipe & Supply", concrete septic tank identified in the application package as the septic tank that you wish to use – is not on the DEQ approved septic tank list(included). Either you need to change the proposed septic tank to one that is on the approved list, or adequate specifications and dimensions need to be provided for DEQ to review this tank on an individual basis. A copy of the septic tank regulations for septic tanks is included with this review.

4. Leachfield Header Pipe Layout Not Approved - the header pipe layout (the pipe at the head of the two trenches where the flow from the septic tank effluent line is split into two lines to be run into the beginning of the trenches) is unacceptable as shown on the site plan. The line to the uphill trench appears to be a simple inline "tee" fitting on the effluent line which then continues down to the downhill trench where an "elbow" fitting is installed to turn the flow 90° into the downhill trench. This arrangement will not split the flow equally because the momentum of the effluent in the pipe will carry almost all of the flow right past the uphill trench tee fitting and most of the effluent will end up in the downhill trench. Maybe as much as 80% or

even 90%. The effluent must first be turned 90° with an elbow and then flow into the leg of a tee fitting, thus impacting the back side of the cross bar, which causes the flow to split relatively equally flowing at about 50% out of each of the two arms of the tee fitting. See sketch included.

5. Surface Slope and Trench Depths - since the leachfield is to be installed in an area where the surface slope is about 3% to 4%, there will be about 7 to 9 inches of surface elevation drop between the two trenches. Will you keep the bottom of both trenches at the same elevation, or will there be about 8" of elevation difference between the bottoms of the trenches? Also, show how the header piping arrangement(#4 above) will accomplish whichever option you choose.

6. Is the Property in a Subdivision? - question # A.4. on Page 1 of the application package says that the property is in a county approved subdivision or plat. However, question # A.3. which asks the name of the subdivision, Lot#, Block#, and date it was platted is all blank. Is the property within a subdivision or platted area? And, if so, please complete question # A.3.

RLE/rm/8-0645

Enclosures: Blank application form
Blank worksheets and detail sheets
Approved septic tank list
Septic tank regulations
Leachfield Header Pipe Sketch

Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 29, 2008

Meadowlark Trails, LLC
Attn: A.V. Russell, Manager
P.O. Box 319
Douglas, Wyoming 82633

RE: Meadowlark Trails Subdivision, Phase 1 – Water & Sewer Main Extensions, Application No. **08-404**

Location: SE¼ Section 5 & NE¼ Section 8, T32N, R71W, Converse County

Dear Mr. Russell:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and Existing Sewage Collection Systems in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permits, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. Additionally, the following project specific conditions also apply:

1. Additions to Wyoming Public Works Standard Specifications for Waterline Construction:

   a. Section 2665 E.6 - Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.

   b. Section 2675 D - Flushing shall achieve minimum velocities of at least 5 feet per second for pipelines 12 inches in diameter or less. Flushing shall be through flush valves and a discharge pipe to the surface. Fire hydrants shall not be flushed until after the water main or distribution line is flushed.

2. Flow Fill Encasement Required - Flow fill encasement shall be utilized and is required at any water and sewer main (or storm sewer) crossing where the sewer main (or storm sewer) is above the water main. The vertical clearance between the bottom of the sewer main and the top of the water main does not matter. Even if this clearance is more than 18 inches, flow fill encasement shall be used. Two specific locations where this occurs are identified here:

   At approximately Station 13+55 along the sewer main on Meadowlark Drive, the sewer crosses above the water main.

   At approximately Station 0+58 along the water main on Big Horn Drive, the existing 36" RCP storm sewer crosses above the water main.

   Any other locations where a sewer or storm sewer main crosses above a water main, regardless of the vertical clearance, the crossing shall be encased in flow fill .

The approval granted under this Notification Of Coverage and the General Permit shall expire on August 29, 2010. Please reference Application Number **08-404** in any future correspondence.

If you have any questions, please contact me at (307) 777-6183.

Sincerely,

Ronald L. Ewald

Ronald L. Ewald
Consulting Engineer
Southeast District, Water Quality Division

RLE/rm/8-0659

Enclosures: GENERAL PERMIT - Extensions/Modifications of Existing Public Water Supply Distribution Systems
GENERAL PERMIT - Extensions/Modifications of Existing Sewage Collection Systems
Certificate of Completion form

cc: IPS, Cheyenne
Robert Bennett, CEPI, 6080 Enterprise Drive, Casper, Wyoming 82609
Paul Musselman, Converse County Director Special Projects, 107 N. 5th, Suite B-6, Douglas, Wyoming 82633

Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 18, 2008

Stan Cook
416 Blair Ave.
Rock Springs, WY 82901

RE: Rock Springs - Medical Office Building - Water Main Extensions - Permit Number 08-406R, SW ¼, Section 27, T19N, R105W, Sweetwater County

Dear Mr. Cook:

The above application for coverage under General Permit to Construct the extension of a public water supply distribution system consisting of about 13 linear feet (LF) of 8-inch and 30 LF of 6-inch PVC water main to serve a fire hydrant in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Mark Baron

Mark Baron, P.E.
Southwest District Engineer
Water Quality Division

xc: IPS, Cheyenne
Amy Allen, P.E., JFC Engineering & Surveyors, 1515 Ninth Street, Rock Springs, WY 82901

encl: General Permit for a Public Water Supply Distribution System

Lander Field Office • 510 Meadowview Drive • Lander, WY 82520 • http://deq.state.wy.us

ABANDONED MINES (307) 332-5085 FAX 332-7726
AIR QUALITY (307) 332-6755 FAX 332-7726
LAND QUALITY (307) 332-3047 FAX 332-7726
SOLID & HAZARDOUS WASTE (307) 332-6924 FAX 332-7726
WATER QUALITY (307) 332-3144 FAX 332-3183

Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 7, 2008

Stonemill Construction, LLC
Attn. Drew Redinger, Owner
340 State Highway 335
Sheridan, WY 82801

RE: StoneBrook Meadows II Subdivision - Water & Sewer Extensions:
Application No. **08-411**
Location: N½ NE¼, Section 19, T57N, R85W, Sheridan County

Dear Mr. Redinger:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and Existing Sewage Collection Systems in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permits, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. Additionally, the following project specific conditions also apply:

Additions to Wyoming Public Works Standard Specifications for Waterline Construction:

a. Section 2665 E.6 - Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.

b. Section 2675 D - Flushing shall achieve minimum velocities of at least 5 feet per second for pipelines 12 inches in diameter or less. Flushing shall be through flush valves and a discharge pipe to the surface. Fire hydrants shall not be flushed until after the water main or distribution line is flushed.

The approval granted under this Notification Of Coverage and the General Permit shall expire on October 7, 2010. Please reference Application Number **08-411** in any future correspondence.

If you have any questions, please contact me at (307) 777-6183.

Sincerely,

Ronald L. Ewald

Ronald L. Ewald
Consulting Engineer
Southeast District, Water Quality Division

RLE/rm/8-0779

Enclosures: GENERAL PERMIT - Extensions/Modifications of Existing Public Water Supply Distribution Systems
GENERAL PERMIT - Extensions/Modifications of Existing Sewage Collection Systems
Certificate of Completion form

cc: IPS, Cheyenne
Jeffrey Rosenlund, HKM Engineering, 16 W 8th Street (PO Box 7010), Sheridan, Wyoming 82801
Town of Ranchester, Chris Johnson, Town Engineer, P.O. Box 695, Ranchester, Wyoming 82839
Karen L. Farley, DEQ/WQD, NE District Engineer, Casper Office

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: StoneBrook Meadows II Subdivision – Water & Sewer Extensions

LOCATION: N½ NE¼, Section 19, T57N, R85W, **Sheridan County**

ENGINEER: Jeffrey Rosenlund
HKM Engineering, a Division of Dowl, LLC
16 W 8th Street (PO Box 7010)
Sheridan, Wyoming 82801
Ph: (307) 672-9006

APPLICANT: Stonemill Construction, LLC
Attn: Drew Redinger, Owner
340 State Highway 335
Sheridan, Wyoming 82801
Ph: (307) 672-7518

WATER QUALITY DIVISION REFERENCE NUMBER: **08-411**

REVIEWING ENGINEER: Ronald L. Ewald
Phone: (307) 777-6183

DATE OF REVIEW: August 21, 2008

Professional Engineer (Civil) RONALD L. EWALD 6279 WYOMING
Ronald L. Ewald
08-21-2008
Date

ACTION: **NOT AUTHORIZED FOR CONSTRUCTION**. In accordance with Section 12 (a), Chapter III, Wyoming Water Quality Rules and Regulations, the application is denied because it is incomplete or does not meet applicable minimum design and construction standards. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with Section 7. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Water and Sewer Crossings Require Secondary Protection - there are four water & sewer (W&S) crossings where the sewer main is above the water main. In two of the locations the new water main is being installed under the existing 10" sewer main. At the other two locations, both the W&S mains are new pipe. On the submitted plans, at all four locations the water main is deflected downward until there is at least 18" of clearance between the bottom of the sewer main and the top of the water main. This is a misinterpretation of the Chapter 11 and Chapter 12 Water Quality Rules and Regulations (WQR&R) concerning W&S crossings. Any time a water main crosses below a sewer main some kind of secondary protection is required on one of the pipes. The 18" clearance is only applicable when the water main is above the sewer main.

   Therefore, secondary protection will be required at all of these locations. This could be sleeving one of the pipes, using Flow-fill Encasement (see WQD Policy # 13.9.11 included), or using water main quality pipe for the sewer main on either side of the crossing for a specified distance. Since secondary protection will be required, the vertical deflections of the water mains "***may not be needed*** "; and in fact, straight pipe might be easier to work with if the minimum clearances for the chosen method of secondary protection can be met.

   Submit the changes to the "Water plan & profile sheets" and the "Sanitary sewer plan and profile sheets" as needed. Also please provide a generic crossing detail if all of the crossings are the same, or individual crossing details of the W&S crossings on the "Detail Sheets".

2. Not Enough Valves on the Water Distribution System - there are not enough valves to minimize inconvenience and sanitary hazards during repairs as required in the WQR&R Chapter 12 Section 14(c). This section also requires the valves to be placed at not more than 1 block intervals, which is to facilitate the minimization of inconvenience and sanitary hazards by being able to isolate 1 block segments during repairs without shutting down service to other segments of the distribution system. There are not enough valves in the plan as submitted to accomplish this.

   At a minimum, valves needs to be placed at the beginning of the Aspen Court cul-de-sac, and on the south side of the Aspen Court / Heather Lane intersection 4-way cross fitting. Next, a valve is needed on the west side of the Brook Street / Heather Lane intersection 4-way cross fitting. The last required valve location is on the south side of the Brook Street / Park Street intersection tee fitting.

RLE/rm/8-0633

Enclosures: WQD, W&S Crossing: Flow-fill Encasement Policy # 13.9.11

cc: Karen Farley, NE District Engineering Supervisor, Casper Office

Town of Ranchester

Received
AUG 22 2008
Casper DEQ

P.O. Box 695, Ranchester, WY 82839 (307) 655-2283 (307) 655-3956, Fax

July 18, 2008

08-411
(Chey. has)
Ron Ewald

WY DEQ
152 North Durbin Street Suite 100
Casper, WY 82601

Attn: Karen Farley

RE: Availability of Public Sewer and Water for Stonebrook Meadows II Subdivision.

The Town of Ranchester has an aerated lagoon system and our highest 2007 average monthly effluent was 150,000 GPD with a population of 700 or about 200 GPD per Person. Infiltration should be considered and 100-150 GPD per person is probably more accurate. The 45 proposed households could add another 10,000-15,000 GPD. The current permit allows a discharge of 179,000 GPD and it appears the Town will be able to handle this growth. The piping downstream of this subdivision consists of only the 12 inch main to the sewage lagoons and additional loading to this piping will not be a concern.

Ranchester's water treatment plant is rated at 1 MGD and maximum daily demand is currently about half that. The town also has a 1 MG storage capacity to help with any high use peak days. The water distribution to this subdivision is in good condition and consists of newer C900 pipe in the 12, 10, and 8" size and fire flow is more than adequate with pressures 70-80 PSI. The current design should be looped back into Stonebrook Meadows I to avoid a dead end system as is shown on the current design as a requirement of Phase II. If phase I was constructed and phase II put on hold the line would be a dead end and thus need periodic flushing until phase II was constructed. The town is willing to accept the dead end line until an agreement for phase II is formed.

Sincerely,

Chris Johnson PE
Town Engineer

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

152 N. Durbin Street • Suite 100 • Casper, Wyoming 82601

NOTIFICATION OF COVERAGE

October 14, 2008

Jess Anderson
E&S Services, Inc.
P.O. Box 697
Gillette, WY 82717

RE: E&S Services, Inc. –North Building Small Commercial Waste Water System, Campbell County
Permit # 08-414

Dear Mr. Anderson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O, of the general permit.

Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.

If you have any questions, please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3473. Thank you.

Sincerely,

Suzanne Pagorek

Suzanne Pagorek
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WYDEQ File
Brent Thumma, P.E., 8500 Whitetail Ct, Gillette, WY 82718
Keith Bowar, Campbell County, 500 South Gillette Avenue, Suite 1500, Gillette, WY 82716

Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 4, 2008

Robert G. Cox
Laramie County Community College
1400 E College Drive
Cheyenne, WY 82007

RE: Laramie County Community College – LCCC West Meter Pit Replacement Application No. **08-415**, Laramie County

Dear Robert G. Cox:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as remove existing 6" water meter, install new 8" water meter and meter pit vault, S1/2 Section 9 T13 N R67 W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 4, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **08-415** in any future correspondence.

If you have any questions, please contact me at 307-777-7088.

Sincerely,

Rich Cripe

Rich Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/8-0586

cc: IPS, Cheyenne

Kelly Hafner, Benchmark Engineers, 1920 Thomes Ave. #620, Cheyenne, WY 82001

Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 6, 2008

Dennis Auker, Administrator
Laramie County School District No. 1
2810 house Avenue
Cheyenne, WY 82001

RE: Laramie County School District No.1- Rossman Elementary School (Replacement) Application No. **08-416**, Laramie County

Dear Dennis Auker:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as Install 1210' of 8" PVC water main and 640' of 8" PVC sanitary sewer main, SE1/4 Section 7 T13N R66W; LAR County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 6, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **08-416** in any future correspondence.

If you have any questions, please contact me at 307-777-7075.

Sincerely,

Rich Cripe

Rich Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/8-0590

cc: IPS, Cheyenne
Erin M. Gates, BenchMark Engineers, 1920 Thomes Ave. #620, Cheyenne,WY 82001

Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 14, 2008

William L. Morse
608 Silver Sage Ave.
Cheyenne, WY 82009

RE: Morse Cabin Septic System – Lot 33, Aspen Highlands, Application No. **08-417**
Location: NE¼ SW¼, Section 10, T19N, R81W, Carbon County

Dear Mr. Morse:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **2 bedroom** cabin in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific condition also applies:

> Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the septic tank** must be extended to the ground surface.

The approval granted under this Notification Of Coverage and the General Permit shall expire on August 14, 2010. Please reference Application Number **08-417** in any future correspondence.

If you have any questions, please contact me at (307) 777-6183.

Sincerely,

Ronald L. Ewald

Ronald L. Ewald
Consulting Engineer
Southeast District, Water Quality Division

RLE/8-0616

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Carbon County Acting Planning Director, Kristy Rowan, 215 W. Buffalo Street, #304, P.O. Box 487, Rawlins, Wyoming 82301

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. **08-418** REFERENCE PERMIT NO. 08-627, 08-548, 08-147

Pines Lodge Water Supply Well #1
PWS #5600641

This permit hereby authorizes the applicant:

Sheridan YMCA
417 North Jefferson
Sheridan, WY 82801

to drill, construct, develop and test the Pines Lodge Water Supply Well #1 according to the procedures and conditions of the application number **08-418**. The facility is located in the SE ¼ of Section 15, Township 50N, Range 84W, further located in Johnson County, west of Buffalo, Wyoming, in the Big Horn National Forest. All construction, installation, or modification allowed by this permit shall be completed within one year of issuance.

The issuance of this permit confirms that the Wyoming Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and operator.

Granting this permit does not imply that DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable permit conditions or other operational requirements. Compliance with all applicable standards remains the responsibility of the permittee.

Nothing in this permit constitutes an endorsement by DEQ of the construction or the design of the facility described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by Wyoming statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the State of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

1 of 5 The applicant will provide immediate oral or written notice to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601, Phone 307-473-3465, FAX 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

2 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.

3 of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

4 of 5 Disinfection in accordance with Chapter 12, Section 9(b)(A)(II) shall be performed.

5 of 5 The applicant will perform yield and drawdown tests in accordance with Chapter 12, Section 9(b) (ii). Results of these tests are to be provided with the Certificate of Completion.

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

2-3-09
Date of Issuance

KLF/rm/9-0076
cc: Thomas J. Pilch, P.E., Pilch Engineering, 41 East Burkitt Street, Sheridan, WY 82801

STATEMENT OF BASIS

1. Permit Number: **08-418**

2. Application reviewed for compliance with the following applicable regulations :

   Chapter 3, Chapter 11 & Chapter 12 of the Wyoming Water Quality Rules and Regulations

3. Does the permit comply with all applicable regulations identified above?

   YES

4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.

5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 is not required.

6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Karen L. Farley and completed on February 2, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

Dave Freudenthal, Governor

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

John Corra, Director

August 29, 2008

Albany County Board of Commissioners
525 Grand Avenue
Laramie, WY 82070

RE: **Non-Adverse** Recommendation, Fox Cabin Subdivision, Albany County
WDEQ Application Number: **08-419**

Dear Commissioners:

The Wyoming Department of Environmental Quality has completed the review of the proposed Fox Cabin Subdivision located in the West ½ of Section 2, and the East ½ of Section 3, T13N, R77W, 6th P.M., in Albany County, Wyoming. The Fox Cabin Subdivision will create 25 lots out of approximately 190.9acres. The information was submitted by Dahlgren Consulting, Inc., signed by Russell Dahlgren, P.E./P.G., a Wyoming Licensed Professional Engineer and Professional Geologist. This letter represents the recommendations of the Wyoming Department of Environmental Quality as required by W.S. 18-5-306(c).

Findings as to the safety and adequacy of the proposed sewage system:

The proposed sewage system for the subdivision is to have a septic tank and leachfield on each lot. However, because of the varied types of terrain and subsurface conditions contained within the boundaries of the subdivision, some of the lots will require on-site wastewater system designs that will have to be developed, signed and sealed by a Wyoming licensed Professional Engineer(PE).

All construction must be permitted by either Albany County or the Wyoming DEQ, and constructed to Wyoming Department of Environmental Quality - Water Quality Rules and Regulations and Albany County Construction Standards. The information submitted addresses the safety and adequacy of the proposed sewage system, provided that compliance with the statements indicated in the "**Notes required to be added to the final plat and other pertinent documents**" section below is required.

Findings as to the safety and adequacy of the proposed water system:

The proposed water system for the subdivision is individual wells for each lot. *Cisterns or larger sized pressure tanks may be necessary at houses with lower yielding wells and it may be necessary to haul water for some of the lots.*
All construction must be permitted by and constructed to Wyoming State Engineer's Office Rules and Regulations and Construction Standards. The information submitted addresses the safety and adequacy of the proposed water system, provided that compliance with the statements indicated in the "Notes required to be added to the final plat, and other pertinent documents" section below is required.

Notes required to be added to the final plat, and other pertinent documents:

1. Individual Tracts within the subdivision that are determined to be unsuitable for a standard gravity septic tank and leachfield system by the authorized permitting authority (Albany County Planning Office as of August 2008), shall be required to retain a Wyoming licensed Professional Engineer to design a suitable alternative system for permit approval.

2. Adequate potable well yield is NOT GUARANTEED to support normal household use for any specific individual Tract within the subdivision. Owners of any Tract should be prepared to install a cistern and haul potable water from another source.

Conclusions:

The Department of Environmental Quality has "Non-Adverse" recommendations applicable to the Fox Cabin Subdivision.

Disclaimer:

The Non-Adverse recommendation provided above has nothing to do with, nor has any bearing on the water rights associated with the Fox Cabin Subdivision. Any questions or concerns about the water rights for the Fox Cabin Subdivision should be directed to the State Engineer's Office. The State Engineer's Office has issued a letter dated August 12, 2008 detailing requirements for construction of water wells. If you have any questions or concerns about the letter, you can contact
Mike Ebsen at (307) 777-6166.

Nothing in Department of Environmental Quality recommendations or comments regarding the Dahlgren Consulting proposal for the Fox Cabin Subdivision shall be construed to relieve Kenny Clark of the obligation to obtain any permits or additional approval from any local, state or federal agencies as required by law, rules, regulations, or ordinances. Nothing in these recommendations commits the Department of Environmental Quality or Albany County to the issuance of required permits for construction, operation, or modification of water supply or sewage systems.

Please do not hesitate to contact me at (307) 777-7075 or Mr. Ronald Ewald at (307) 777-6183 if you have any questions regarding this subdivision application or Department of Environmental Quality's subdivision application review process.

Sincerely,

Richard R Cripe

Richard R. Cripe, PE
Southeast District Supervisor
Water and Wastewater Program
Wyoming Water Quality Division

RRC/rm/8-0657

cc: Kenny Clark, Goodwater Group, LLC, 1526 Horse Creek Road, Cheyenne, WY 82001
Russell Dahlgren, Dahlgren Consulting, Inc., 914 East 23rd Street, Cheyenne, WY 82001
Doug Bryant, Director, Albany County Planning Office, 1002 South Third Street, Laramie, Wyoming 82070
Mike Ebsen, SEO, Hershler Building 4-E, Cheyenne, WY 82002

Dave Freudenthal, Governor

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

John Corra, Director

NOTIFICATION OF COVERAGE

July 31, 2008

Ryan Blake Peterson
1522 Wilson Avenue
Meeteetse, WY 82433

RE: Peterson Small Waste Water Treatment System – Permit Number 08-420R, Rolling Hills Subdivision, Lot 57, Lincoln County

Dear Mr. Peterson:

The above application for coverage under General Permit to Construct a conventional wastewater treatment and disposal system to serve the five bedroom home with a 1,098 sq. ft. leach field has been reviewed and is hereby approved with the following precaution.

You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Mark Baron, P.E.
Southwest District Engineer
Water Quality Division

Steve Warner
Reviewer

xc: IPS, Cheyenne
Michael Archibald, 220 Wyoming Hwy. 233, Kemmerer, WY 83101

Encl: General permit for one Small Waste Water Systems

Lander Field Office • 510 Meadowview Drive • Lander, WY 82520 • http://deq.state.wy.us

ABANDONED MINES (307) 332-5085 FAX 332-7726
AIR QUALITY (307) 332-6755 FAX 332-7726
LAND QUALITY (307) 332-3047 FAX 332-7726
SOLID & HAZARDOUS WASTE (307) 332-6924 FAX 332-7726
WATER QUALITY (307) 332-3144 FAX 332-3183

STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND INJECTION CONTROL PERMIT ISSUED UNDER
WYOMING WATER QUALITY RULES AND REGULATIONS
CHAPTER 16

CLASS V INJECTION WELL

(X) New
( ) Modified

Permit Number UIC **08-421**
UIC Facility Number WYS-019-00233

In compliance with the Wyoming Environmental Quality act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through 301 (a)(iv), Laws 1973, Ch. 250, Section 1) and Wyoming Water Quality Rules and Regulations, Chapter 16.

Applicant: Beneterra, LLC
1415 N. Main Street
Sheridan, WY 82801
(307) 673-0607

Beneterra, LLC, hereafter referred to as the permittee, is authorized to operate the proposed Class V (5F2) Subsurface Drip Irrigation (SDI) Project known as the Coal Gulch SDI in portions of Sections 28, 29, 30, 31, and 32, Township 51 North, Range 78 West, 6th Principal Meridian, Johnson County, according to the procedures and conditions of application 08-421 and requirements and other conditions of this area permit.

This permit shall become effective on date of issuance.

John Wagner, Administrator
Water Quality Division
Herschler Building, 122 West 25th Street
Cheyenne, WY 82002
(307)-777-7781

August 19, 2008
Date

John V. Corra, Director
Department of Environmental Quality
Herschler Building, 122 West 25th Street
Cheyenne, WY 82002

8/19/2008
Date

CD/rm/8-0623

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A. Discharge Zone

The Coal Gulch SDI is authorized to inject into the residuum and colluvium adjacent to Coal Gulch, an ephemeral stream in northeastern Johnson County. Coal Gulch is tributary to the Powder River. The Coal Gulch SDI is not authorized to discharge into Coal Gulch or any other surface waters.

B. Well and Area of Review

The injection wells associated with the Coal Gulch SDI authorized by this area permit are located as follows:

There are eight groups of potential SDI fields associated with this project located in portions of Sections 28, 29, 30, 31, and 32, Township 51 North, Range 78 West, 6th Principal Meridian. Each of these fields is authorized as an injection well. The locations of the approximate center of each field are listed in Table 1 below. Maps showing the project location and the layout of the irrigated fields are presented in Figures 1 through 4 of "Application for Underground Injection Control Permit for Coal Gulch Subsurface Drip Irrigation Project". The injectate will be sampled at the surge pond which is located in the SENE of Section 31, Township 51 North, Range 78 West, 6th Principal Meridian.

Table 1 (Field Locations)

Field Identification	Approximate Location of Field Center
Group 1	NENESE, Section 30, T. 51N, R. 78W
Group 2	NENWNE, Section 31, T. 51N, R. 78W
Group 3	NWSWSW, Section 28, T. 51N, R. 78W
Group 4	SWNWSE, Section 32, T. 51N, R. 78W
Group 5	SWNWSW, Section 32, T. 51N, R. 78W
Group 6	SESENW, Section 32, T. 51N, R. 78W
Group 7	NENENE, Section 31, T. 51N, R. 78W
Group 8	NENWSE, Section 31, T. 51N, R. 78W

The Area of Review around these systems is described as follows:

The area of review is defined as the area occupied by the SDI field plus an approximate 500-foot buffer zone around each field.

The water balance calculations were computed for each of the eight proposed fields on a monthly basis for the ten year duration of the operation and included the following assumptions:

- Monthly precipitation rates based on historical data from Arvada, Wyoming,
- Average vadose zone thickness and porosity for each field based on observations made during site investigation,
- Monthly evapotranspiration rates of the irrigated crop estimated using the Blaney-Criddle method,
- Monthly irrigation rates specific to each field,
- Average water holding capacity,
- Average rooting zone depth, etc.

Detailed explanation of the water balance calculations and assumptions is presented in the Application for Underground Injection Control Permit for Coal Gulch Subsurface Drip Irrigation Project.

The Area of Review around these systems is described as follows:

- SWSW 1/4, Section 28, Township 51 North, Range 78 West;
- SESE ¼, SWSE ¼, SW ¼, Section 29, Township 51 North, Range 78 West;
- SENE ¼, SWNE ¼, SE ¼, Section 30, Township 51 North, Range 78 West;
- NW ¼, NWNE ¼, Section 31, Township 51 North, Range 78 West;
- Section 32, Township 51 North, Range 78 West;
- NWNW ¼, SWNW ¼, Section 33, Township 51 North, Range 78 West;

6th Principal Meridian.

C. Groundwater Classification

Six boreholes were drilled and logged in the project area to investigate groundwater occurrence. No groundwater resources were encountered in any of the six boreholes. Each borehole was drilled to at least 150 feet below ground surface (bgs), in accordance with WDEQ Groundwater Program Guidance "Compliance Monitoring and Siting Requirements for Drip Irrigation Systems Permitted Under the Underground Injection Control (UIC) Program" and was sited based on potential compliance monitoring considerations.

D. Authorized Operations

The permittee is authorized to inject 2.10 million gallons per day of produced coalbed methane water through the Coal Gulch SDI. The produced water originates from coal bed methane wells completed in the Big George coal seam. Water migrating from the drip irrigation system shall not enter into Coal Gulch or any of its tributaries.

E. Hazardous Waste

This permit does not allow for the injection of any hazardous waste as defined in 40 CFR 261.3 and in Wyoming Solid Waste Management Rules and Regulations, Chapter 2. Injection of any substance defined as a hazardous waste, whether hazardous by listing or by characteristic is a violation of this permit.

F. Proper Operation and Maintenance

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit. The permittee shall operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes: effective performance, adequate funding, operator staffing and training, and laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

The facilities covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapter 16. A "UIC Construction Notification" form (available on the WDEQ's groundwater website at http://deq.state.wy.us/wqd/groundwater/index.asp) shall be submitted to the Groundwater program in Sheridan upon completion of construction of all or any portion of the project

prior to placing that portion of the project into operation. The operator shall also submit detailed "as-built" drawings of the facility upon completion. The drawings shall include all surge ponds, piping, manifolds, a general layout of the drip tape, etc.

The permittee is required to operate in accordance with statements, representations and procedures presented in the complete permit application and supporting documents as accepted and approved by the Administrator. Any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued. Injection into a well may not begin until the permit is approved, construction of that well is complete and WDEQ/WQD has either inspected the well or waived its option to inspect the well.

G. Entry and Inspection

The permittee shall allow the Administrator (upon presentation of credentials and during normal working hours) to enter the premises where a regulated facility is located, or where records are kept under the conditions of this permit and inspect and photograph the discharge and related facilities, review and copy reports and records required by this permit, collect fluid samples for analysis, measure and record water levels, and perform any other function authorized by law or regulation.

H. Environmental Monitoring Program for Groundwaters of the State

General Requirements:

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

2. The permittee shall retain records of all monitoring information including all calibration and maintenance records, copies of the 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 (3) years from the date of the sample measurement, report, or application. This period may be extended by request of the Administrator at any time.

3. The permittee shall use electronic data deliverable (EDD) reporting when required by the Department.

4. Records of monitoring information shall include:

   a. The date, exact place, and time of sampling or measurements;
   b. The initials or name(s) of the individual(s) who performed the sampling or measurements;
   c. The date(s) analyses were performed;
   d. The time(s) analyses were initiated;
   e. The initials or name(s) of the individual(s) who performed the analyses;
   f. References and written procedures for the analytical techniques or methods used;
   g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results.

5. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.

6. The permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified decommissioning procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.

7. The permittee shall report any noncompliance which may endanger health or the environment within 24 hours from the time the operator becomes aware of the circumstances. The report should include:

   a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state;
   b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable ground waters of the state;
   c. A written submission shall be provided within 5 days of the time the operator becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

8. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted.

9. 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 30 days following each schedule date.

I. Requirements for Monitoring the Discharge.

1. The permittee shall monitor the quantity and quality of the injected fluid on the schedule listed in Table 2 below.

Table 2 (Injected Fluid Sampling Schedule)

Sampling and Reporting Schedule	Parameter Analyzed	Analytical Method	Permit limit or UCL
Quarterly 12/31; 3/31; 6/30; 9/30	Total Volume discharged to each field group (Group 1, Group 2, Group 3, Group 4, Group 5, Group 6, Group 7, Group 8)	Duration of flow, pressure and valve capacity	The volume of flow from all eight fields combined shall not exceed 2.10 million gallons/day
Annually 12/31	Total Dissolved Solids (sample to be collected at the surge pond)	EPA 160.1	5,000 mg/L

2. All surface drainages proximal to each constructed field shall be visually inspected for potential seepage (re-surfacing) on a monthly basis. Reporting shall occur on a quarterly basis unless seepage is observed. Any seepage into a surface drainage shall be reported to the WDEQ immediately. Failure to perform and report in accordance with the prescribed schedule and method is a violation of this permit.

3. If construction and operation of fields proceeds in a staged manner, the visual inspections associated with that field shall begin the month after construction of the field. After construction of each field, the operator shall notify the WDEQ on the form referenced in Section F above.

The requirements for monitoring the discharge (Table 1) and surface water (Section I.2) shall be submitted to the following address: WDEQ, Groundwater Program, UIC Coordinator, Herschler Building 4W, 122 West 25th Street, Cheyenne, Wyoming. A copy of the data shall also be supplied to the WDEQ, Sheridan field office at the following address: WDEQ, Groundwater Program, 1866 South Sheridan Ave., Sheridan, WY 82801.

J. Test Procedures

All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples taken shall include a trip blank of distilled water for each sampling date and a duplicate sample at least once per year. All required analyses shall be conducted in compliance with Wyoming Water Quality Rules and Regulations, Chapter 8, Section 7.

K. Records and Reports

The permittee shall furnish to the Administrator within a specified time any information which the Administrator may request relating to the operation of the facility, including copies of records required to be kept by this permit. The permittee shall retain copies of all records and reports required by this permit for a period of three (3) years following permanent well abandonment. After that time, those records shall be delivered to the Administrator for disposal or archive at his discretion. Reports of compliance or noncompliance with, and any progress reports on, interim and final requirements contained in any compliance schedule shall be submitted no later than thirty (30) days following each schedule date. Confirmed noncompliance resulting in the migration of injected fluid into any zone outside the permitted receiver shall be reported to the Administrator within twenty-four (24) hours, and a written submission (via certified mail) shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written submission shall contain: a description of the noncompliance; the period of noncompliance, including exact dates and times, and if the noncompliance has not been controlled, the anticipated time it is expected to continue; and a list of the steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance. Confirmed noncompliance not already reported under this section shall be reported at the time monitoring reports are submitted. The reports shall contain the same information as required by the paragraph above. The permittee shall notify the Administrator thirty (30) days in advance of any planned alteration, conversion, or abandonment of the well covered by this permit.

L. Permit Actions

This permit is authorized for a period of ten (10) years. If the permittee wishes to continue injection after the expiration date of this permit he shall apply to the Administrator and obtain a new permit. It shall not be a defense for the permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. The filing of a request by the permittee, or at the instigation of the Administrator, for permit modification, revocation, termination, or notification of planned changes or anticipated noncompliance shall not stay any condition of this permit.

After notice and opportunity for a hearing, a permit may be modified, suspended or revoked in whole or part during its term for cause which includes, but is not limited to any of the following:

1. Violation of this permit; or

2. Obtaining a permit by misrepresentation of facts in the application.

This permit will be reviewed at least once every five (5) years, and may be reviewed more frequently. A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit was issued. A permit may be modified in whole or part in order to apply more or less stringent standards; or prohibitions for toxic or other substances present in the permittees discharge as may be ordered by the Environmental Quality Council.

M. Abandonment

General Requirements:

1. The permittee shall notify the administrator at least thirty (30) days prior to abandonment of the facility.

2. An abandonment report, detailing the compliance with abandonment procedures outlined in the original application for coverage under this permit, or describing any deviations from the original plan, shall be submitted as soon as practicable after abandonment. The abandonment shall include reclamation of the well site.

3. The injection systems covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 16, Section 12. Groundwater monitoring wells covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 11, Part G.

N. Duties of the Permittee

The permittee shall give advance notice to the Administrator as soon as possible of any planned physical alteration or additions, other than authorized operation and maintenance, to the permitted facility and receive authorization prior to implementing the proposed alternation or addition. The permittee shall furnish the Administrator within a reasonable time any information which the Administrator may request to determine whether cause exists for modifying, revoking, or reissuing, or terminating this permit, or to determine compliance with this permit; and to furnish to the Administrator upon request, copies of records required to be kept by this permit. Any modification which may result in a violation of a permit condition shall be reported to the Administrator, and any modification that will result in a violation of any permit conditions shall be reported to the Administrator through the submission of a new or amended permit application. The permittee shall report all instances where he becomes aware that he failed to submit any relevant facts in the permit application, or where he submitted incorrect information in a permit application or in any report to the Administrator, and shall promptly submit such facts or information.

If any cultural materials are discovered during construction, work in the area should halt immediately. The Administrator and the Wyoming State Historic Preservation Office shall be contacted (777-7697) and the materials shall be evaluated by an archaeologist or historian meeting the Secretary of the Interior's Professional Qualification Standards (48 FR 22716, Sept. 1983).

O. Signatories Requirement

All reports filed in conjunction with this permit shall contain 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."

All reports required by this permit and other requested information shall be signed as follows:

For a corporation – by a principal executive officer of at least the level of vice-president;

For a partnership or sole proprietorship – by a general partner or the proprietor, respectively;

For a municipality, state, federal, or other public agency – by either a principal executive officer or ranking elected official; or

By a duly authorized representative for any of the above. A person is a duly authorized representative only if:

1. The authorization is made in writing by one of the prescribed principals;

2. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and

3. The written authorization is submitted to the Administrator.

If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be submitted to the Administrator prior to or together with any reports or information, to be signed by the new authorized representative.

P. Noncompliance

The permittee shall comply with all conditions of the permit. Any permit noncompliance constitutes a violation of Wyoming Water Quality Rules and Regulations, Chapter 16 and is grounds for enforcement action, permit termination, revocation, or modification. Conformed noncompliance resulting in an excursion shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written report shall contain the sections specified in Section K of this permit. Any permit noncompliance constitutes a violation of this permit.

The filing of any 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.

Q. Permit Transfer

Any transfer of this permit shall be accomplished by the submission of the proper forms for permit transfer to the Administrator. Transfer of this permit must first be approved by the Administrator and the Director.

No transfer shall be approved unless the proposed permittee agrees to bring any and all noncompliance issues into compliance with this permit. The permittee is alone responsible for the operation of the facility covered by this permit. Sale of the facility and subsequent operation of this facility by another is a violation of this permit unless a transfer of this permit has first been accomplished.

R. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege. This permit does not authorize injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

S. Severability

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation.

CD/rm/8-0623

STATEMENT OF BASIS FOR A UIC PERMIT

I. General information.

A. Permit Number: 08-421

B. Facilities Covered: The Beneterra, LLC., Coal Gulch (subsurface irrigation system) is located adjacent to Coal Gulch (an ephemeral drainage) in northeastern Johnson County, Wyoming. These facilities will inject produced coal bed methane water into the alluvial and colluvial deposits at depths up to 10 feet. The system is designed to inject up to a capacity of 2.10 million gallons per day. Because of the nature of this water, the permit has been written to allow up to this capacity.

C. Class of Facility: 5F2 (Under Chapter 16)

II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)

A.	Chapter 8	Yes	D.	Chapter 12	No
B.	Chapter 9	No	E.	Chapter 13	No
C.	Chapter 11	Yes	F.	Chapter 16	Yes

III. Basis for issuing permit. (Indicate yes or no for each section.)

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

Yes

B. Permit based on deviation from applicable regulations in accordance with approved policy statement.

No

IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)

NOT Applicable

V. Application requires review to determine groundwater impacts in accordance with Wyoming Water Quality Rules and Regulations Chapters 8 and 16. Groundwater is not present beneath this proposed facility. Monitoring is proposed for this site to protect surface water. This permit provides for a total flow capacity of 2.10 million gallons per day.

VI. Documentation of Statement of Basis.

A. The archive file for this permit will include adequate documentation of all sections of this Statement of Basis.

VII. Applicant and Public Participation

A. The applicant has been provided with a draft permit prior to the permit being issued.

B. A Public Notice has been issued with a public notice period starting July 7, 2008 and ending on August 7, 2008. (Thirty day notice is required by Chapter 16.) This notice was published in the Casper Star Tribune on or before the start of the public comment period.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 5, Chapter 16, Wyoming Water Quality Rules and Regulations. This review was performed by Carrie Donnell, Groundwater Program Geologic Project Analyst and reviewed by Don Fischer, P.G # 2852, on July 1st, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

CD/rm/8-0623

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

February 23, 2009

Ronald W. Fernley
Rock Springs Investment LLC
2201 Lind Ave. Southwest
Renton, WA 98055

RE: Park Hills Estates Mobile Home Park, WDEQ #08-422

Dear Mr. Fernley:

The permit application materials for the Park Hill Estates Mobile Home Park are being returned to the owner because 6 months has elapsed since my review letter August 13, 2008. According to Chapter 3 of the Water Quality Rules and Regulations Section 9(a)(B), if an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide the requested information within that period, the entire incomplete application shall be returned.

Our Records indicate that a written review was done on the following project. A copy of this review was sent to you, requesting additional information. The requested, information, necessary to process this application has not yet been received by the Department of Environmental Quality. The specific information for your proposed project is as follows:

Facility Name: Park Hill Estates Mobile Home Park
DEQ/WQD Reference Number: #08-422
DEQ/WQD Reviewing Engineer: Perry Roberson, Consulting Engineer
Date of DEQ/WQD Review: January 03, 2008

The construction, installation, or modification of any sewerage system, treatment works, disposal system including septic systems, or other facility capable of causing or contributing to pollution, or public water supply system including water mains, water wells, water services greater than 2-inch in diameter or other facilities without a Permit to Construct, is a violation of Wyoming State Statute 35-11-301.

Lander Field Office • 510 Meadowview Drive • Lander, WY 82520 • http://deq.state.wy.us

ABANDONED MINES (307) 332-5085 FAX 332-7726
AIR QUALITY (307) 332-6755 FAX 332-7726
LAND QUALITY (307) 332-3047 FAX 332-7726
SOLID & HAZARDOUS WASTE (307) 332-6924 FAX 332-7726
WATER QUALITY (307) 332-3144 FAX 332-7726

If you have any questions regarding my review comments or this letter, please contact me at 307-335-6978.

Sincerely,

Perry Roberson

Perry Roberson, Consulting Engineer
WQD/Southwest District
pdr

Enclosure: Permit Application Package 08-422

xc:
Mark Baron P.E., Southwest District Engineer
Shawn M. Arnoldi P.E., Choice Engineering Services, Inc., 450 South Main, Rock Springs, WY 82901

IPS

file (3)

Dave Freudenthal, Governor

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

John Corra, Director

NOTIFICATION OF COVERAGE

July 9, 2008

Josh Williams
P.O. Box 2334
Pinedale, WY 82941

RE: Williams Small Waste Water Treatment System – Permit Number 08-423, Section 10, T32N, R109W, Sublette County

Dear Mr. Williams:

The above application for coverage under General Permit to Construct a enhanced wastewater treatment and disposal system to serve the three bedroom home with a **563 sq ft** leach field has been reviewed and is hereby approved with the following precaution.

You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Mark Baron, P.E.
Southwest District Engineer
Water Quality Division

Steve Warner
Reviewer

xc: IPS, Cheyenne
Keith Raney, Sublette County Environmental Health, P.O. Box 722, Pinedale, WY 82941

Encl: General permit for one Small Waste Water Systems

Lander Field Office • 510 Meadowview Drive • Lander, WY 82520 • http://deq.state.wy.us

ABANDONED MINES (307) 332-5085 FAX 332-7726
AIR QUALITY (307) 332-6755 FAX 332-7726
LAND QUALITY (307) 332-3047 FAX 332-7726
SOLID & HAZARDOUS WASTE (307) 332-6924 FAX 332-7726
WATER QUALITY (307) 332-3144 FAX 332-3183

Dave Freudenthal, Governor

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

John Corra, Director

NOTIFICATION OF COVERAGE

August 15, 2008

Andy Schilling, Manager
Tips Up, LLC & Mountain Moguls, LLC
180 Geary Street, Suite 500
San Francisco, CA 94108

RE: The Homes at Amangani, Second Filing - Water & Sewer Lines, Permit Number: 08-424, NW ¼ NE ¼ & NE ¼ NE ¼, Section 21, T41N, R116W, Teton County

Dear Mr. Schilling:

This project involves the installation of new 10-inch ductile iron water mains and 8-inch sewer mains to serve eight residential connections. The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Section 9; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

If you have any questions, please contact me at 307-335-6961.

Sincerely,

James Brough

James Brough, P.E.
Northwest District Engineer
Water Quality Division

xc: IPS, Cheyenne
Robert Ablondi, P.E., Rendezvous Engineering, P.O. Box 4858, Jackson, WY 83001

encl: General Permits an Public Water Supply and Existing Sewage Collection Systems

Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

November 3, 2008

Ganelle B. Edwards
P.O. Box 3258
Alpine, WY 83118

RE: Nortic Ranch Water System, Additional 3-10,000 Gallon Tanks, Permit Number 08-492RR, Nortic Ranches Division #2, Lot 15, 43°44'34.1316N,110°59'19.9912W, Lincoln County

Dear Ganelle Edwards:

The above application for coverage under General Permits to Construct water storage modifications for the new installation of 3 each additional 10,000 gallon storage tanks to extend service to 235 residential homes of Division 14 in accordance with Chapter 3, Section 7, Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Future additions #15 and/or #16 must be permitted with subsequent compliance consideration. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

Mark Baron P.E.
Southwest District Engineer
Water Quality Division

xc: IPS, Cheyenne
David E. Benton, P.E., Benton Engineering, 550 Linden, Idaho Falls, ID 83401
encl: General Permit for a Public Water Supply Distribution System

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-425R

Grant Village Sludge Drying Beds

This permit hereby authorizes the applicant:

Nancy Ward
National Park Service, Yellowstone National Park
P.O. Box 168
Yellowstone National Park, WY 82190

to construct three sludge drying beds, a 4-inch diameter sludge line, and a subnatant return system; according to the procedures and conditions of the application number 08-425R. The facility is just north of the existing Grant Village Wastewater Lagoons and is located at Latitude North 44 degrees 23' 18" and Longitude West 110 degrees 32' 07" in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 1, 2010.

The issuance of this permit confirms that the Wyoming Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and operator.

Granting this permit does not imply that DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements. Compliance with discharge standards remains the responsibility of the permittee.

Nothing in this permit constitutes an endorsement by DEQ of the construction or the design of the facility described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by Wyoming statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the State of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 510 Meadowview Drive, Lander, WY 82520, 307-332-3144,FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3- Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consiste with the terms and conditions of this permit.

2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.

3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

8/6/08
Date of Issuance

JSB/rm/8-0589

STATEMENT OF BASIS

1. Permit Number: 08-425R

2. Application reviewed for compliance with the following regulations:

   Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations.

3. Does the permit comply with all applicable regulations identified above?

   Yes.

4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.

   No.

5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.

   The existing facility is already equipped with groundwater monitoring wells.

6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Northwest District Engineer and completed on August 5, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents permit conditions, and the items identified in this "Statement of Basis."

cc: Sherri Jones, P.E., Tetra Tech RTW, 1576 Sherman St. #100, Denver, CO 80203

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

August 13, 2008

ARCHIVES

Tim French, Chair
Park County Commission
1002 Sheridan Ave.
Cody, WY 82414

RE: Non-Adverse Recommendation, Hogeboom Subdivision, Park County, DEQ/WQD Application #08-426

Dear Mr. French:

The Wyoming Department of Environmental Quality (WDEQ) has completed the review of the above referenced subdivision pursuant to W.S. 18-5-306. This letter constitutes our conclusions regarding the feasibility of the proposed water and sewage systems pursuant to the W.S. 18-5-306 (c). A copy of State Engineer's Office (SEO) letter has already been sent to the Park County Planning Office.

The proposed subdivision is located in portions of W ½ §1, S ½ §2, & N ½ §11; all in T.57N, R.102 W. (6th P.M.) near the Town of Clark. The proposed subdivision evaluated consists of 21 lots ranging in size from 2.48 to 10.18 acres for a total of approximately 137 acres.

Findings As To The Safety And Adequacy Of The Proposed Sewage System

Individual onsite septic systems are proposed for all 21 lots. The consultant has demonstrated through a nitrate balance model and a groundwater movement model that conventional septic systems should be adequate for all of the proposed lots. The modeling indicates that a minimum setback distance of 125 feet must be achieved between septic systems and wells. DEQ concurs with the consultant's recommendation that septic systems not be placed within 65 feet of property lines.

The final plat should include language stating a minimum setback distance of 65 feet between septic systems and property lines must be maintain or the property owner will be required to use an enhanced septic treatment unit. The lots are large enough that minimum setback distances should not be an issue if septic systems are properly placed.

Since Park County has been delegated by the department to issue small wastewater system permits, it is the county's responsibility to ensure, prior to issuing the permits, that all permit requirements and design standards will be met. If an enhanced small wastewater treatment facility is used, WDEQ must be involved in the small wastewater permit approval process by

reviewing the design and providing comments to the Park County small wastewater system administrator.

Findings As To The Safety And Adequacy Of The Proposed Water System

Individual onsite wells are proposed for all 21 lots. Given pump test results and data from existing wells, DEQ concurs with the consultant that the shallow aquifer should allow for sufficient quantity for each lot at full build-out of the subdivision with minimal interference. Water quality results meet the EPA National Primary Drinking Water Standards and thus can be considered safe as a primary source of domestic water. It should be noted that the level of Iron (Fe) and manganese (Mn) exceeded the EPA National Secondary Driking Water Standards and may present aesthetic problems on water fixtures.

Conclusion(s):

WDEQ has no "adverse" recommendations on this proposed subdivision provided that the final plat include language stating a minimum setback distance of 65 feet between septic systems and property lines must be maintain or the property owner will be required to use an enhanced septic treatment unit.

Disclaimer

Nothing in WDEQ's recommendations or comments regarding the subdivider's proposal shall be construed to relieve the subdivider of their obligation to obtain any permits or additional approval from any local state or federal agencies/entities as required by law, rules and regulations, or ordinance. Nothing in these recommendations commits the WDEQ or the delegated county to the issuance of required permits for construction, operation, or modification of water supply and/or wastewater systems. It is the duty of the subdivider/developer to comply with all applicable federal, state and local requirements.

Please do not hesitate to contact me at (307) 332-3144 if you have any questions on the recommendations or need any assistance on how to proceed with this application.

Sincerely,

James Brough

James Brough, P.E.
Northwest District Engineer
Water Quality Division

cc: Tom Pilch, P.E., Pilch Engineering, 41 East Burkitt St., Sheridan, WY 82801
Gene Smith, Park County, 1002 Sheridan Ave., Cody, WY 82414
Mike Ebsen, State Engineer's Office, Herschler Building, 4-E, Cheyenne, WY 82002
DEQ Subdivision File

F:\DIVISION\WQD\W&WW Section\NW Subdivision Reviews\Hogeboom Subdivision\08-489.doc

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

152 N. Durbin Street • Suite 100 • Casper, Wyoming 82601

August 14, 2008

Jess Anderson
E&S Services, Inc.
P.O. Box 697
Gillette, WY 82717

RE: Return of Application for the E&S Services South Building Commercial Septic System
WDEQ #08-427; Campbell County

Dear Mr. Anderson:

The Wyoming Department of Environmental Quality (DEQ) received an application for a Permit to Construct for a small wastewater system in Campbell County for the proposed E&S Services South Building. After an initial review on July 17, 2008, and phone conversations with Mr. Brent Thumma on August 14, 2008, there have been significant changes to the property and the septic system must be completely redesigned. Therefore, in accordance with Wyoming Department of Environmental Quality/Water Quality Rules and Regulations Chapter 3, Section 14 – Denial of a Permit or Coverage under a General Permit, DEQ is returning all of the application materials to you, as without the required information, your application can not be processed.

You can resubmit the application at any time. It will be assigned a new DEQ tracking number and will be reviewed in accordance with Chapter 3 of the Wyoming Department of Environmental Quality/Water Quality Rules and Regulations.

If you have any questions, please contact me at (307) 473-3473 or spagor@wyo.gov

Sincerely,

Suzanne Pagorek

Suzanne Pagorek
WDEQ/WQD

Enclosures: Application materials

cc: WDEQ File (w/o enclosures)
IPS (w/o enclosures)
Keith Bowar, Campbell County, 500 South Gillette Avenue, Suite 1500, Gillette, WY 82716
Brent Thumma, P.E., 8 Doe Court, Gillette, WY 82718

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 17, 2008

James A. Engstrom, Member President
Pinedale Centerpoint, LLC
P.O. Box 518
Pinedale, WY 82941

RE: Pinedale Centerpoint Site Construction - Permit Number 08-428R, NW1/4 Section 3, T33N, R109W, Sublette County

Dear Mr. Engstrom:

The above application for coverage under General Permits to Construct of water and sewer main modifications for the new installation of 350 lineal feet 6-inch D.I.P water main and 372 feet 6-inch PVC sewer main extensions to serve 23 commercial cabins in Pinedale in accordance with Chapter 3, Section 7, Chapter 11, Section 9 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

Mark Baron P.E.
Southwest District Engineer
Water Quality Division

xc: IPS, Cheyenne
Brian Gray, WLC Engineering, Surveying & Planning, P.O. Box 1519, Pinedale, WY 82941

encl: General Permit for a Sewage Collection System
General Permit for a Public Water Supply Distribution System

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO.08-429

FLYING J TRAVEL PLAZA-CULINARY WTR IMPRO
PWS WY5600102

This permit hereby authorizes the applicant:

Flying J - Rawlins Travel Plaza
333 W. Center
North Salt Lake, UT 84054

to construct, install or modify chlorination equipment, water transmission line and abandonment of unused wells according to the procedures and conditions of the application number 08-429. The facility is located at I-80 Exit 209 in the SW1/4 Section 14 T21N R88W; Carbon County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed August 18, 2010.
The issuance of this permit confirms that the Wyoming Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and operator.

Granting this permit does not imply that DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements. Compliance with discharge standards remains the responsibility of the permittee.

Nothing in this permit constitutes an endorsement by DEQ of the construction or the design of the facility described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by Wyoming statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the State of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

2 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.

3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

Date of Issuance 8-22-08

LBH/rm/8-0604

STATEMENT OF BASIS

1. Permit Number: **08-429**

2. This application was reviewed for compliance with the applicable regulations ;

   Chapters 3, 12

3. Does the permit comply with all applicable regulations identified above?

   Yes

4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.

5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Louis Harmon, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on August 13, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND INJECTION CONTROL PERMIT ISSUED UNDER
WYOMING WATER QUALITY RULES AND REGULATIONS
CHAPTER 16

CLASS V INJECTION WELL

(X) New
( ) Modified

Permit Number UIC **08-430**
UIC Facility Number WYS-005-00524

In compliance with the Wyoming Environmental Quality act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through 301 (a)(iv), Laws 1973, Ch. 250, Section 1) and Wyoming Water Quality Rules and Regulations, Chapter 16.

Applicant: Comet Energy Services, LLC
P. O. Box 594
Buffalo, WY 82834-0594
(307) 684-8884

Comet Energy Services, LLC, hereafter referred to as the permittee, is authorized to operate the proposed Class V (5F2) Subsurface Drip Irrigation (SDI) Project known as the Dube 14-21-5475 in portions of Section 21, Township 54 North, Range 75 West, 6th Principal Meridian, Campbell County, according to the procedures and conditions of application 08-430 and requirements and other conditions of this area permit.

This permit shall become effective on date of issuance.

John Wagner, Administrator
Water Quality Division
Herschler Building, 122 West 25th Street
Cheyenne, WY 82002
(307)-777-7781

9/19/08
Date

John V. Corra, Director
Department of Environmental Quality
Herschler Building, 122 West 25th Street
Cheyenne, WY 82002

9/19/08
Date

WDF/rm/8-0710

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A. Discharge Zone

The Dube 14-21-5475 is authorized to inject into the eolian, alluvial and colluvial deposits adjacent to North Windmill Draw, an ephemeral tributary to North Prong Wildhorse Creek in western Campbell County. The Dube 14-21-5475 is not authorized to discharge into North Windmill Draw or any other surface waters.

B. Well and Area of Review

The injection well associated with the Dube 14-21-5475 authorized by this area permit is located as follows:

There is one irrigated field associated with this project located in parts of Section 21, Township 54 North, Range 75 West, 6th Principal Meridian. This field is authorized as an injection well. The location of the approximate center of the field is listed in Table 1 below. Maps showing the project location and the layout of the irrigated fields are presented in Figures 1, 2, 6, 10 and 11 of Design Report for Construction of a new Subsurface Drip Irrigation System on the Dube Property. The injectate will be sampled at an impoundment located in the NW/NW corner of section 28, Township 54 North, Range 75 West, 6th Principal Meridian. The discharge into this impoundment has been permitted by the WDEQ, WYPDES Program pursuant to the conditions of Permit to Discharge number WY0054330.

Table 1 (Field Location)

Field Identification	Approximate Location of Field Center
Dube 14-21-5475	SESWSW, Section 21, T. 54N, R. 75W

The Area of Review around the system encompasses 344 acres and is described as follows:

- NESE, SESE, Section 20, Township 54 North, Range 75 West;
- SW 1/4, Section 21, Township 54 North, Range 75 West;
- NWNW, NENW, Section 28, Township 54 North, Range 75 West;
- NENE, Section 29, Township 54 North, Range 75 West; 6th Principal Meridian.

The Dube 14-21-5475 area of review was calculated based on the following:

- Depth to the shallowest confining layer;
- Soil hydraulic characteristics; and
- Monthly water balance calculations.

The water balance calculations were computed for the proposed field on a monthly basis for the ten year duration of the operation and included the following assumptions:

- Monthly precipitation rates based on historical data from Arvada, Wyoming,
- Monthly evapotranspiration rates of the irrigated crop (from Pochop, 1992),
- Monthly irrigation rates specific to the field,
- Average rooting zone depth, etc.

Detailed explanation of the water balance calculations and assumptions is presented in the Design Report for Construction of a new Subsurface Drip Irrigation System on the Dube Property.

C. Groundwater Classification

Three borings (one monitor well and two geologic boreholes) were completed in the project area to characterize the depth and quality of shallow groundwater. Water quality analyses indicate the groundwater beneath the proposed operation is Class III in accordance with Wyoming Water Quality Rules and Regulations, Chapter 8. Ambient water quality exceeds Class I and Class II standards for Sulfate and Sodium Adsorption Ratio (SAR) (Table 1- Chapter 8). The lone monitor well was completed 173 ft Below Ground Surface (BGS).

D. Authorized Operations

The permittee is authorized to inject 0.07 million gallons per day during the growing season (April-September) of produced coalbed methane water through the Dube 14-21-5475. The produced water originates from coal bed methane wells completed in the Anderson, Canyon and Wall coal seams. Water migrating from the drip irrigation system shall not enter into North Windmill Draw or any of its tributaries.

E. Hazardous Waste

This permit does not allow for the injection of any hazardous waste as defined in 40 CFR 261.3 and in Wyoming Solid Waste Management Rules and Regulations, Chapter 2. Injection of any substance defined as a hazardous waste, whether hazardous by listing or by characteristic is a violation of this permit.

F. Proper Operation and Maintenance

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit. The permittee shall operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes: effective performance, adequate funding, operator staffing and training, and laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

The facilities covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapter 16. A "UIC Construction Notification" form (available on the WDEQ's groundwater website at http://deq.state.wy.us/wqd/groundwater/index.asp) shall be submitted to the Groundwater program in Sheridan upon completion of construction of all or any portion of the project prior to placing that portion of the project into operation. The operator shall also submit detailed "as-built" drawings of the facility upon completion. The drawings shall include all surge ponds, piping, manifolds, a general layout of the drip tape, etc.

The permittee is required to operate in accordance with statements, representations and procedures presented in the complete permit application and supporting documents as accepted and approved by the Administrator. Any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued. Injection into a well may not begin until the permit is approved, construction of

that well is complete and WDEQ/WQD has either inspected the well or waived its option to inspect the well.

G. Entry and Inspection

The permittee shall allow the Administrator (upon presentation of credentials and during normal working hours) to enter the premises where a regulated facility is located, or where records are kept under the conditions of this permit and inspect and photograph the discharge and related facilities, review and copy reports and records required by this permit, collect fluid samples for analysis, measure and record water levels, and perform any other function authorized by law or regulation.

H. Environmental Monitoring Program for Groundwaters of the State

General Requirements:

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

2. The permittee shall retain records of all monitoring information including all calibration and maintenance records, copies of the 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 (3) years from the date of the sample measurement, report, or application. This period may be extended by request of the Administrator at any time.

3. The permittee shall use electronic data deliverable (EDD) reporting when required by the Department.

4. Records of monitoring information shall include:

   a. The date, exact place, and time of sampling or measurements;
   b. The initials or name(s) of the individual(s) who performed the sampling or measurements;
   c. The date(s) analyses were performed;
   d. The time(s) analyses were initiated;
   e. The initials or name(s) of the individual(s) who performed the analyses;
   f. References and written procedures for the analytical techniques or methods used;
   g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results.

5. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.

6. The permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified decommissioning procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.

7. The permittee shall report any noncompliance which may endanger health or the environment within 24 hours from the time the operator becomes aware of the circumstances. The report should include:

   a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state;

b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable ground waters of the state;

c. A written submission shall be provided within 5 days of the time the operator becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

8. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted.

9. 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 30 days following each schedule date.

I. Requirements for Monitoring the Discharge.

1. The permittee shall monitor the quantity and quality of the injected fluid on the schedule listed in Table 2 below.

Table 2 (Injected Fluid Sampling Schedule)

Sampling and Reporting Schedule	Parameter Analyzed	Analytical Method	Permit limit or UCL
Quarterly 12/31; 3/31; 6/30; 9/30	Total Volume discharged to Dube 14-21-5475	Duration of flow, pressure and valve capacity	The volume of flow in the field shall not exceed 0.07 million gallons/day
Annually 12/31	Total Dissolved Solids (sample to be collected at the surge pond)	EPA 160.1	5,000 mg/L

2. Monitoring of the groundwater underlying the Dube 14-21-5475 is not required because of the seasonal operation of the facility, near-agronomic application rates, and depth to groundwater.

3. All surface drainages proximal to the constructed field shall be visually inspected for potential seepage (re-surfacing) on a monthly basis. Reporting shall occur on a quarterly basis unless seepage is observed. Any seepage into a surface drainage shall be reported to the WDEQ immediately. Failure to perform and report in accordance with the prescribed schedule and method is a violation of this permit.

The requirements for monitoring the discharge (Table 2) and surface water (Section I.3) shall be submitted to the following address: WDEQ, Groundwater Program, UIC Coordinator, Herschler Building 4W, 122 West 25th Street, Cheyenne, Wyoming. A copy of the data shall also be supplied to the WDEQ, Sheridan field office at the following address: WDEQ, Groundwater Program, 1866 South Sheridan Ave., Sheridan, WY 82801.

J. Test Procedures

All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples taken shall include a trip blank of distilled water for each sampling date and a duplicate sample at least once per year. All required analyses shall be conducted in compliance with Wyoming Water Quality Rules and Regulations, Chapter 8, Section 7.

K. Records and Reports

The permittee shall furnish to the Administrator within a specified time any information which the Administrator may request relating to the operation of the facility, including copies of records required to be kept by this permit. The permittee shall retain copies of all records and reports required by this permit for a period of three (3) years following permanent well abandonment. After that time, those records shall be delivered to the Administrator for disposal or archive at his discretion. Reports of compliance or noncompliance with, and any progress reports on, interim and final requirements contained in any compliance schedule shall be submitted no later than thirty (30) days following each schedule date. Confirmed noncompliance resulting in the migration of injected fluid into any zone outside the permitted receiver shall be reported to the Administrator within twenty-four (24) hours, and a written submission (via certified mail) shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written submission shall contain: a description of the noncompliance; the period of noncompliance, including exact dates and times, and if the noncompliance has not been controlled, the anticipated time it is expected to continue; and a list of the steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance. Confirmed noncompliance not already reported under this section shall be reported at the time monitoring reports are submitted. The reports shall contain the same information as required by the paragraph above. The permittee shall notify the Administrator thirty (30) days in advance of any planned alteration, conversion, or abandonment of the well covered by this permit.

L. Permit Actions

This permit is authorized for a period of ten (10) years. If the permittee wishes to continue injection after the expiration date of this permit he shall apply to the Administrator and obtain a new permit. It shall not be a defense for the permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. The filing of a request by the permittee, or at the instigation of the Administrator, for permit modification, revocation, termination, or notification of planned changes or anticipated noncompliance shall not stay any condition of this permit.

After notice and opportunity for a hearing, a permit may be modified, suspended or revoked in whole or part during its term for cause which includes, but is not limited to any of the following:

1. Violation of this permit; or

2. Obtaining a permit by misrepresentation of facts in the application.

This permit will be reviewed at least once every five (5) years, and may be reviewed more frequently. A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit was issued. A permit may be modified in whole or part in order to apply more or less stringent standards; or prohibitions for toxic or other substances present in the permittees discharge as may be ordered by the Environmental Quality Council.

M. Abandonment

General Requirements:

1. The permittee shall notify the administrator at least thirty (30) days prior to abandonment of the facility.

2. An abandonment report, detailing the compliance with abandonment procedures outlined in the original application for coverage under this permit, or describing any deviations from the original plan, shall be submitted as soon as practicable after abandonment. The abandonment shall include reclamation of the well site.

3. The injection systems covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 16, Section 12. Groundwater monitoring wells covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 11, Part G.

N. Duties of the Permittee

The permittee shall give advance notice to the Administrator as soon as possible of any planned physical alteration or additions, other than authorized operation and maintenance, to the permitted facility and receive authorization prior to implementing the proposed alternation or addition. The permittee shall furnish the Administrator within a reasonable time any information which the Administrator may request to determine whether cause exists for modifying, revoking, or reissuing, or terminating this permit, or to determine compliance with this permit; and to furnish to the Administrator upon request, copies of records required to be kept by this permit. Any modification which may result in a violation of a permit condition shall be reported to the Administrator, and any modification that will result in a violation of any permit conditions shall be reported to the Administrator through the submission of a new or amended permit application. The permittee shall report all instances where he becomes aware that he failed to submit any relevant facts in the permit application, or where he submitted incorrect information in a permit application or in any report to the Administrator, and shall promptly submit such facts or information.

If any cultural materials are discovered during construction, work in the area should halt immediately. The Administrator and the Wyoming State Historic Preservation Office shall be contacted (777-7697) and the materials shall be evaluated by an archaeologist or historian meeting the Secretary of the Interior's Professional Qualification Standards (48 FR 22716, Sept. 1983).

O. Signatories Requirement

All reports filed in conjunction with this permit shall contain 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."

All reports required by this permit and other requested information shall be signed as follows:

For a corporation – by a principal executive officer of at least the level of vice-president;

For a partnership or sole proprietorship – by a general partner or the proprietor, respectively;

For a municipality, state, federal, or other public agency – by either a principal executive officer or ranking elected official; or

By a duly authorized representative for any of the above. A person is a duly authorized representative only if:

1. The authorization is made in writing by one of the prescribed principals;

2. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and

3. The written authorization is submitted to the Administrator.

If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be submitted to the Administrator prior to or together with any reports or information, to be signed by the new authorized representative.

P. Noncompliance

The permittee shall comply with all conditions of the permit. Any permit noncompliance constitutes a violation of Wyoming Water Quality Rules and Regulations, Chapter 16 and is grounds for enforcement action, permit termination, revocation, or modification. Conformed noncompliance resulting in an excursion shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written report shall contain the sections specified in Section K of this permit. Any permit noncompliance constitutes a violation of this permit.

The filing of any 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.

Q. Permit Transfer

Any transfer of this permit shall be accomplished by the submission of the proper forms for permit transfer to the Administrator. Transfer of this permit must first be approved by the Administrator and the Director. No transfer shall be approved unless the proposed permittee agrees to bring any and all noncompliance issues into compliance with this permit. The permittee is alone responsible for the operation of the facility covered by this permit. Sale of the facility and subsequent operation of this facility by another is a violation of this permit unless a transfer of this permit has first been accomplished.

R. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege. This permit does not authorize injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

S. Severability

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation.

WDF/rm/8-0710

STATEMENT OF BASIS FOR A UIC PERMIT

I. General information.

A. Permit Number: **08-430**

B. Facilities Covered: Comet Energy Services, LLC's DUBE 14-21-5475 (subsurface irrigation system) is located adjacent to North Windmill Draw (an ephemeral drainage) in Campbell County, Wyoming. This facility will inject produced coal bed methane water into the eolian, alluvial and colluvial deposits at depths up to 2 feet. The system is designed to inject up to a capacity of 0.07 million gallons per day. Because of the nature of this water, the permit has been written to allow up to this capacity.

C. Class of Facility: 5F2 (Under Chapter 16)

II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)

A.	Chapter 8	Yes	D.	Chapter 12	No
B.	Chapter 9	No	E.	Chapter 13	No
C.	Chapter 11	Yes	F.	Chapter 16	Yes

III. Basis for issuing permit. (Indicate yes or no for each section.)

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

Yes

B. Permit based on deviation from applicable regulations in accordance with approved policy statement.

No

IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)

NOT Applicable

V. Application requires review to determine groundwater impacts in accordance with Wyoming Water Quality Rules and Regulations Chapters 8 and 16. Groundwater is present approximately 130 ft beneath this proposed facility. Monitoring is proposed for this site to protect surface water. This permit provides for a total flow capacity of 0.07 million gallons per day.

VI. Documentation of Statement of Basis.

A. The archive file for this permit will include adequate documentation of all sections of this Statement of Basis.

VII. Applicant and Public Participation

A. The applicant has been provided with a draft permit prior to the permit being issued.

B. A Public Notice has been issued with a public notice period starting July 31, 2008 and ending on September 2, 2008. (Thirty day notice is required by Chapter 16.) This notice was published in the Casper Star Tribune on or before the start of the public comment period.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 5, Chapter 16, Wyoming Water Quality Rules and Regulations. This review was performed by Don Fischer, P.G # 2852, on July 20th, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

WDF/rm/8-0710

Depart ... uality

To prot... ng's
environm... ions.

Dave Freudenthal, Governor

John Corra, Director

August 22, 2008

EnerCrest, Inc.
Attn: Todd Erickson, Chie
2 Gopher Ridge Lane
Big Piney, Wyoming 831...

RE: EnerCrest Baggs Field Office – Holding Tank, Application No. **08-432**
Location: SE¼ SW¼, Section 32, ~~T31N~~ 13, R91W, Carbon County

Dear Mr. Erickson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **3000 gallon subsurface concrete Holding Tank** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

The approval granted under this Notification Of Coverage and the General Permit shall expire on August 22, 2009. Please reference Application Number **08-432** in any future correspondence.

If you have any questions, please contact me at (307) 777-6183.

Sincerely,

Ronald L. Ewald

Ronald L. Ewald
Consulting Engineer
Southeast District, Water Quality Division

RLE/rm/8-0638

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
David Cameron, KC Harvey, 376 Gallatin Park Drive, Bozeman, Montana 59715
Kristy Rowan, Carbon County Acting Planning Director, Carbon Building, 215 West Buffalo Street, Suite 336, Rawlins, Wyoming 82301

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 22, 2008

EnerCrest, Inc.
Attn: Todd Erickson, Chief Operating Officer
2 Gopher Ridge Lane
Big Piney, Wyoming 83113

RE: EnerCrest Baggs Field Office – Holding Tank, Application No. **08-432**
Location: SE¼ SW¼, Section 32, T31N, R91W, Carbon County

Dear Mr. Erickson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **3000 gallon subsurface concrete Holding Tank** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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If you have any questions, please contact me at (307) 777-6183.

Sincerely,

Ronald L. Ewald

Ronald L. Ewald
Consulting Engineer
Southeast District, Water Quality Division

RLE/rm/8-0638

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
David Cameron, KC Harvey, 376 Gallatin Park Drive, Bozeman, Montana 59715
Kristy Rowan, Carbon County Acting Planning Director, Carbon Building, 215 West Buffalo Street, Suite 336, Rawlins, Wyoming 82301

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: EnerCrest Baggs Field Office – Holding Tank

LOCATION: SE¼, SW¼, Section 32, T~~31~~ 13N, R91W, **Carbon County**

ENGINEER: David P. Cameron
KC Harvey
376 Gallatin Park Drive
Bozeman, Montana 59715
Ph: (406) 585-7402

APPLICANT: EnerCrest, Inc.
Attn: Allen Walker, title ?
P.O. Box 164
Baggs, WY 82321
Ph: (307) 383-6145

WATER QUALITY DIVISION REFERENCE NUMBER: **08-432**

REVIEWING ENGINEER: Ronald L. Ewald
Phone: (307) 777-6183

DATE OF REVIEW: August 14, 2008

Professional Engineer (Civil)
RONALD L. EWALD
6279
WYOMING
Ronald L. Ewald
08-14-2008
Date

ACTION: **NOT AUTHORIZED FOR CONSTRUCTION**. In accordance with Section 12 (a), Chapter III, Wyoming Water Quality Rules and Regulations, the application is denied because it is incomplete or does not meet applicable minimum design and construction standards. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with Section 7. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Application Form Required - A completed and signed application form is required before the DEQ/Water Quality Division can finish processing or approving this application. Please complete and sign the partially completed application form included with this review and return it as soon as possible. Complete all areas indicated by a red *. Also, please be sure to include the title of the EnerCrest official signing the form.

2. Holding Tank Size? - The application package indicates that the capacity of the tank is 3,131 gallons based on dimensions of 163" long by 71" wide by 72" high with a liquid depth of 62.5 inches. Using 163", 71", and 62.5" you get a volume of exactly 3,131 gallons. However, it appears to this reviewer that these dimensions might be outside tank dimensions, not inside dimensions. This would make the tank approximately 13½ feet long by 6 ft wide by 6 ft high, which sounds like pretty normal outside dimensions. If these are outside dimensions, and estimating the walls to be about 3" thick, and the bottom & the lid to be about 4" thick; the inside dimensions would be: 157" long by 65" wide by 64" high with a liquid depth of 54.5 inches. Using these as the inside dimensions, a useable volume of only 2,408 gallons is calculated.

   2,408 gallons is not 5 business days of wastewater flow as determined to be 2,950 gallons per week. Please provide more specific detailed information about both the outside and inside dimensions of this tank if it is still intended to be used.

   Other tank details needed. Please specify how the outlet hole in the tank will be plugged so that it won't leak. How deep will the bottom of the tank be below the ground surface, and how much earth cover will there be over the top? Will there be a permanent 6" diameter pump out pipe rising above the surface from both compartments of the tank? Or will there be manways from each compartment to the surface? Holding tanks are not required to be two compartment tanks, they can be, and are probably the easiest to operate and service if they are, single compartment tanks.

3. Design Flow Calculations - To arrive at the 2,950 gallons per week design flow, 5 campsites(trailers) at 100 gallons per day(gpd) plus 3 office personnel at 30 gpd each was used to get a daily design flow of 590gpd. Then, instead of a full 7 day week, the 590gpd was only multiplied by 5 business days per week to get the 2,950 gal/wk. Are these trailers going to be occupied by workers 7 days per week, or are they locked up and empty on the weekends? If occupied 7 days a week, then the design flow must be calculated using 7 days. Also, will the office never be open on a Saturday for people to work overtime and catch up on or stay up with work loads? Please answer these questions about the design flow and the use of these trailers and the office.

RLE/rm/8-0619

Enclosures: Partially completed application form
Blank (enlarged) septic tank dimension form

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 5, 2008

Brady Len and Patricia W. Bensen
P.O. Box 155
Saratoga, Wyoming 82331

RE: Bensen Cabin Septic System – Ryan Park, Application No. **08-435**
Location: SW¼, Section 28, T16N, R81W, Carbon County

Dear Mr. and Mrs. Bensen:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **1 bedroom** cabin in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

1. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the septic tank** must be extended to the ground surface.

2. Leachfield Header Pipe Layout Requirement - the header pipe layout (the pipe at the head of the two trenches where the flow from the septic tank effluent line is split into two lines to be run into the beginning of the trenches) is unacceptable as it was submitted and shown on the site plan. The original arrangement depicted will not split the flow equally because the momentum of the effluent in the pipe will carry almost all of the flow straight past the uphill trench tee fitting and most of the effluent will end up in the downhill trench.

   Therefore, the effluent SHALL first be turned 90° with an elbow and then flow into the leg of a tee fitting, thus impacting the back side of the cross bar, which causes the flow to split relatively equally flowing at about 50% out of each of the two arms of the tee fitting. See sketch included.

The approval granted under this Notification Of Coverage and the General Permit shall expire on September 5, 2010. Please reference Application Number **08-435** in any future correspondence.

If you have any questions, please contact me at (307) 777-6183.

Sincerely,

Ronald L. Ewald

Ronald L. Ewald
Consulting Engineer
Southeast District, Water Quality Division

RLE/rm/8-0671

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion
Leachfield Header Pipe layout Sketch

cc: IPS, Cheyenne
Carbon County Acting Planning Director, Kristy Rowan, Carbon Building, 215 West Buffalo Street, Suite 336, Rawlins, Wyoming 82301

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

152 N. Durbin Street • Suite 100 • Casper, Wyoming 82601

October 16, 2008

Richard Jackson
P.O. Box 85
Rozet, WY 82727

RE: Certificate of Completion; Permit # 08-436

Dear Mr. Jackson:

The State of Wyoming Department of Environmental Quality Water and Wastewater Program (Department) issued you a General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations. At the time the permit was issued, your attention was directed to the mandatory reporting requirements outlined in Part V, Section O, of the general permit.

According to the Department's records, a confirmation that this system has been installed as permitted and put into use has not been received. As part of the permit conditions, you are required to submit this information. If the system was not constructed, please contact the Department as soon as possible. Enclosed is a certificate of completion form for your convenience. Please send completed forms or other correspondence to:

Suzanne Pagorek
WDEQ
152 N. Durbin Street, Suite 100
Casper, WY 82601

If you have any questions, please contact me at (307) 473-3473 or spagor@wyo.gov.

Sincerely,

Suzanne Pagorek

Suzanne Pagorek
WDEQ/WQD

Enclosures: Certificate of Completion

cc: IPS, Cheyenne
WDEQ File

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-438

Town of Star Valley Ranch - Test Well
Public Water System Number WY5600287

This permit hereby authorizes the applicant:

Boyd Siddoway
Town of Star Valley Ranch
P.O. Box 1180
Star Valley Ranch, WY 83127-1180

to construct a public water supply test well only for the purposed of determining water quality and quantity according to the procedures and conditions of the application number 08-438. The facility is located at NE ¼ Section 6,T34N, R118W in the county of Lincoln, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 5, 2010.

The issuance of this permit confirms that the Wyoming Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and operator.

Granting this permit does not imply that DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements. Compliance with discharge standards remains the responsibility of the permittee.

Nothing in this permit constitutes an endorsement by DEQ of the construction or the design of the facility described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by Wyoming statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the State of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

1 of 6 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer,510 Meadow View Drive, Lander, WY 82520, 307-332-3144,FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

2 of 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

a. Date that construction of the facility was completed; and
b. Date that the facility was placed in operation; and
c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.

3 of 6 Water quality data such as that for bacteriological contaminants, inorganic contaminants (IOC), volatile organic contaminants (VOC), synthetic organic contaminants (SOC) and radionuclide contaminants must be submitted before any new water well is put into service. The well water quality must be in compliance with the United States Environmental Protection Agency (USEPA) National Primary Drinking Water Standards.

4 of 6 Water well yield and drawdown tests must be submitted upon completion of the tests.

5 of 6 At least two inch thick grout must be installed between the ten and three quarter inch steel casing and the bore hole for the full length of the grout.

6 of 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

9/9/08
Date of Issuance

John V. Corra
Director
Department of Environmental Quality

MDB/rm/8-0672

STATEMENT OF BASIS

1. Permit Number: 08-438

2. Application reviewed for compliance with the following regulations:

   Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.

3. Does the permit comply with all applicable regulations identified above?

   Yes.

4. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.

   Not Required.

5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., mbaron@state.wy.us, Southwest District Engineer and completed on September 5, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

cc: Jerry Hunt, P.E. & Ben Jordan, P.G., Weston Engineering, Inc., 1050 North 3rd Street, Suite E, Laramie, WY 82072

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

August 27, 2008

William Cramer, Chairman
Sublette County Board of Commissioners
P.O. Box 250
Pinedale, WY 82941

Subject: Non-Adverse Recommendation, Calico Trails Subdivision, Sublette County, DEQ/WQD Application # 08-439

Dear Mr. Cramer:

The Wyoming Department of Environmental Quality has completed the review of the proposed Calico Trails Subdivision located in the NW 1/4 Section 33, T35N, R110W, 6th P.M., Sublette County, Wyoming. Generally described, the property is approximately 9 ¼ miles northwest of the Town of Pinedale, Wyoming. The Calico Trails Subdivision will create 13 lots out of 131.5 acres. The information was submitted by Wester-Wetstein & Associates, signed by John Wetstein, P.E&P.G., a Wyoming Licensed Engineer and a Wyoming Licensed Geologist . This letter represents the recommendations of the Wyoming Department of Environmental Quality as required by W.S. 18-5-306(c).

Findings as to the safety and adequacy of the proposed sewage system:

The proposed sewage systems are to be conventional septic systems with leach fields. The information submitted addresses the safety and adequacy of the proposed sewage systems.

Findings as to the safety and adequacy of the proposed water system:

The proposed water systems are to be an individual water supply wells. The information submitted addresses the safety and adequacy of the proposed water systems.

Notes required to be, added to the final plat, and other pertinent documents:

For Sewage Systems

It is the Individual lot owners responsibility to obtain a permit from Sublette County to authorize the construction of a septic system with leach field.

Lander Field Office • 510 Meadowview Drive • Lander, WY 82520 • http://deq.state.wy.us

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LAND QUALITY (307) 332-3047 FAX 332-7726
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WATER QUALITY (307) 332-3144 FAX 332-3183

For Water Systems

Iron and pH levels that exceed the United States Environmental Protection Agency's, (USEPA), National Secondary Drinking Water Standards have been detected in groundwater from a water well within the Calico Trails Subdivision. The National Secondary Drinking Water Standard for iron is 0.3 mg/l, the well was tested at 1.3 mg/l. The National Secondary Drinking Water standard for pH is 6.5 to 8.5, the well was tested at a pH of 9.57. Due to these high levels of iron and pH it is recommended that homeowners test their water well for at least iron and pH. If test results indicate that the secondary standards have been exceeded, water treatment may be required to reduce the aesthetic effects of high iron and pH within their water system.

Conclusions:

The Department of Environmental Quality has "Non- Adverse" recommendations applicable to the Calico Trails Subdivision.

Disclaimer:

The Non-Adverse recommendation provided above has nothing to do with, nor has any bearing on the water rights associated with the Calico Trails Subdivision. Any questions or concerns about the water rights for the Calico Trails Subdivision, should be directed to the State Engineer's Office.

Nothing in the Department of Environmental Quality recommendations or comments regarding the Wester-Wetstein & Associates, Inc., proposal, for the Calico Trails Subdivision shall be construed to relieve the C.R. #2 Family Limited Partnership of the obligation to obtain any permits or additional approval from any local, state or federal agencies as required by law, rules, regulations, or ordinances. Nothing in these recommendations commits the Department of Environmental Quality or Sublette County to the issuance of required permits for construction, operation, or modification of water supply or sewage systems.

Sincerely,

Mark Baron

Mark Baron, P.E.
Southwest District Supervisor
Water & Wastewater Program
Water Quality Division

MDB/mdb

xc:

Planning & Zoning Administrator, Sublette County Planning & Zoning, P.O. Box 506, Pinedale, WY 82941
John Wetstein, P.E./P.G., Wester-Wetstein & Assoc. Inc. P.O. Box 2202, Laramie, WY 82073 Dr. Melvin Bagley, 601 Fairway Road, Henderson, NV 89015
Mr. Mike Ebsen, Water Management Specialist, Wyoming State Engineers Office, Herschler Building, 4th Floor East, Cheyenne, WY 82002
IPS

VISTA WEST
ENGINEERING

Vista West Engineering
PO Box 785
Sheridan, WY 82801

307-672-9310
www.vistawestengr.com

September 23, 2008

Received
SEP 25 2008
Casper DEQ

Karen Farley, PE
Northeast District Supervisor
Wyoming Dept. of Environmental Quality/WQD
152 North Durbin Street, Suite 100
Casper, WY 82601

Re: Cloud Peak Ranch – Thirteenth Filing
Permit Number 08-440
Vista West Project #02031031.105

Dear Karen:

Enclosed you will find the Certification of Completion for the Cloud Peak Ranch – Thirteenth Filing project for your records.

Please note that once this project is formally accepted by the City of Sheridan, a permit transfer request will be completed (from System Land, LLC to the City of Sheridan).

Thanks again for your assistance in this project. Please let me know if you have any questions.

Sincerely,

Jeff M. Feck

Vista West Engineering
Jeff M. Feck, PE
Project Manager

Enc.

copy: Mike Cole, PE, City of Sheridan
Jeff Laurien, MScP, City of Sheridan

ec: Don Roberts, System Land LLC
VeeAnn Woody, System Land LLC

Received

SEP 25 2008

CERTIFICATION OF COMPLETION

In accordance with the condition of the Wyoming Department of Environmental Quality/Water Quality Division Permit to Construct No. 08-440, requiring submittal of this Certification of Completion within sixty (60) days of completion of the facility, I hereby certify:

1. Construction of the permitted facility was completed on AUGUST 29, 2008 (DATE) and the facility was placed in operation on SEPTEMBER 23, 2008 (DATE).

2. Construction was completed in accordance with the following: (Check the appropriate option)

   ☒ The facility was constructed in compliance with all terms and conditions of the permit including the design report, plans and specifications, design data or other information submitted in support of the application.

   ☐ The facility was constructed with changes or modifications in accordance with the provisions of Section 9, Chapter 3, Wyoming Water Quality Rules and Regulations. As-built plans and specifications, certified by a registered professional engineer (certification by an engineer is not required if the original application was not certified by an engineer) are enclosed.

SYSTEM LAND, LLC

Veedum Woody, Agent

Facility Owner (print or type)

Date 9.8.08

Owners Signature

VISTA WEST ENGINEERING JEFF M. FECK, PE

Engineer (print or type)

Date 9.8.08

Jeff M. Feck

Engineers Signature

Dave Freudenthal, Governor

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

John Corra, Director

NOTIFICATION OF COVERAGE

July 17, 2008

Jim Seymour
1605 Donalynn Drive #32
Rock Springs, WY 829410

RE: Seymour Small Waste Water Treatment System – Permit Number 08-441, Boar's Tusk Subdivision, Lot 7, Section 29, T20N, R105W, Sweetwater County

Dear Mr. Seymour:

The above application for coverage under General Permit to Construct a conventional wastewater treatment and disposal system to serve the five bedroom home with a 987 sq. ft. leach field has been reviewed and is hereby approved with the following precaution.

You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Mark Baron, P.E.
Southwest District Engineer
Water Quality Division

Steve Warner
Reviewer

xc: IPS, Cheyenne
Chuck Sykes, Sweetwater County Environmental Health, 550 Uinta Drive, Suite D, Green River, WY 82935

Encl: General permit for one Small Waste Water Systems

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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO.**08-445**

Dayton Well #1 Pump Installation
Water Improvement Project

This permit hereby authorizes the applicant:

Town of Dayton
P.O. Box 100
Dayton, Wyoming 82836

to install a pump and associated plumping in the Dayton Well No. 1, according to the procedures and conditions of the application number **08-445**. The project is located in the southwest quarter of the southwest quarter of Section 1, Township 56 North, Range 87 West, in the county of Sheridan, in the State of Wyoming. The facility is located approximately 37 miles southwest of Gillette, Wyoming. All construction, installation, or modification allowed by this permit shall be completed within one year of issuance.

The issuance of this permit confirms that the Wyoming Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and operator.

Granting this permit does not imply that DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements. Compliance with discharge standards remains the responsibility of the permittee.

Nothing in this permit constitutes an endorsement by DEQ of the land application described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by Wyoming statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the State of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ to enter and inspect any property, premise or place on or at which the land application is located for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor: any infringement of federal, state or local laws or regulations.

The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

1 of 5 The applicant will provide immediate oral or written notice to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY 82601, Phone 307-473-3465, Fax 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

2 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY 82601 a certificate of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

a. Dates that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer, if appropriate, is required. All modifications or deviations from the authorized plans must be highlighted.

3 of 5 Disinfection, in accordance with Chapter 12, Section 9(b)(A)(II), Wyoming Water Quality Rules and Regulations, shall be performed.

4 of 5 The applicant will monitor and record well production to verify a long term design production rate for any future expansions or addition water supply projects.

5 of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

Brian Mark for

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

9-15-2008
Date of Issuance

JDL/rm/8-0699
cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: **08-445**

2. Application reviewed for compliance with the following applicable regulations :

   a. Chapter 3, 11, and 12 Wyoming Water Quality Rules and Regulations

3. Does the permit comply with all applicable regulations identified above?

   Yes

4. Facility includes components not specifically covered or differing from applicable regulations and approval is based on deviation in accordance with Section 5.

   Not applicable

5. Documentation of Statement of Basis.

   The archive file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Dennis Lamb, and completed on September 10, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents permit conditions, and the items identified in this "Statement of Basis."

NOTIFICATION OF COVERAGE

July 22, 2008

Chuck Radosovich
80 W. Flaming Gorge Way
Green River, WY 82935

RE: Water service for Sweetwater County Facilities Warehouse Building – Permit Number 08-446, Section 13, T18N, R108W, Sweetwater County

Dear Mr. Radosovich:

The above application for coverage under General Permit to Construct 300 feet of 6 inch PVC water line serving Sweetwater County Facilities Warehouse Building has been reviewed and is hereby approved with the following precaution.

You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Mark Baron, P.E.
Southwest District Engineer
Water Quality Division

Steve Warner
Reviewer

xc: IPS, Cheyenne
Harry Moore, P.E., Uinta Engineering and Surveying Inc., 808 Main Street, Evanston, WY 82930

Encl: General permit for water supply system.

Lander Field Office • 510 Meadowview Drive • Lander, WY 82520 • http://deq.state.wy.us

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SOLID & HAZARDOUS WASTE (307) 332-6924 FAX 332-7726
WATER QUALITY (307) 332-3144 FAX 332-3183

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

Public Water System Number 5601182

PERMIT NO. **08-447R**

Sweetwater County, Rock Springs - Cross Roads Commercial Park

This permit hereby authorizes the applicant:

Rock Springs Investment, LLC
2201 Lind Avenue
SW, Suite 150
Renton, WA 98055

to construct water and sewer main extensions, to use a collection system constructed in the 1980s, install a new wet well and sewage pump station discharging to an existing 8-inch PVC sewage force main subsequently flowing to the cities 12- inch gravity main to service 20 commercial lots and a 600 lot trailer park; according to the procedures and conditions of the application number **08-447R.** The facility is located in Rock Springs at NW¼ Section, Sec 5 T18N R105W; in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 24, 2010.

The issuance of this permit confirms that the Wyoming Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and operator.

Granting this permit does not imply that DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements. Compliance with discharge standards remains the responsibility of the permittee.

Nothing in this permit constitutes an endorsement by DEQ of the construction or the design of the facility described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by Wyoming statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the State of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer, 510 Meadowview Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.

3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

9-29-08
Date of Issuance

PDR/rm/8-0739

STATEMENT OF BASIS

1. Permit Number: 08-447R

2. Application reviewed for compliance with the following regulations:

   Chapters 3, 11 and 12 of the Wyoming Water Quality Rules and Regulations.

3. Does the permit comply with all applicable regulations identified above?

   Yes.

4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.

   No.

5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.

   NA

6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Perry Roberson, prober2@Wyo.gov, Consulting Engineer, approved by Mark Baron P.E. Southwest District Engineer and completed on September 24, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents permit conditions, and the items identified in this "Statement of Basis."

cc: Randy J. Hansen, P.E.., JFC Engineers & Surveyors, 1515 Ninth Street, Rock Springs, WY 82901

Dave Freudenthal, Governor

Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

John Corra, Director

NOTIFICATION OF COVERAGE

July 21, 2008

Wayne Gunderson
4943 W. 2100 S.
Ogden, UT 84401

RE: Water and Sewer Main Extention for Fox Ridge Subdivision and Commercial Property in Kemmerer, Permit Number 08-449 (Replaces 07-556R), SE1/4 Section 15, T21N, R116W, Lincoln County

Dear Mr. Gunderson:

The above application for coverage under General Permits to Construct water main and sewer main extensions consisting of 5200 feet of 8-inch PVC sewer main and 5200 feet of looped 8-inch PVC water main in Kemmerer in accordance with Chapter 3 Section 7, Chapter 11 Section 9 and Chapter 12 Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

Mark Baron P.E.
Southwest District Engineer
Water Quality Division

xc: IPS, Cheyenne
John Reeve/F. Greg Anderson, Reeve & Associates, 4155 S Harrison Blvd. #310, Ogden, UT 84403

encl: General Permit for a Public Water Supply Distribution System
General Permit for a Sewage Collection System