

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

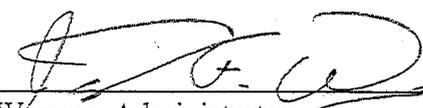
Permit Number: 09-051
Previous Permits: Not Applicable
Facility Number: WYS-011-00028

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: JPC Keyhole LLC
Attn: Phil Jordan
PO Box 608
Gillette, WY 82717
(307) 682-2557

JPC Keyhole LLC, hereafter referred to as the permittee, is authorized to operate the Keyhole Marina Septic System. The facility is a domestic wastewater septic system in the SE1/4 of the SW1/4 of Section 27, Township 51 North, Range 66 West, of the 6th Principal Meridian, Crook County. The facility is to be operated according to the procedures and conditions of application 09-051 and requirements and other conditions of this permit.

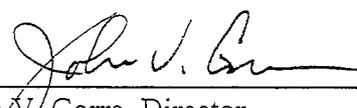
This permit shall become effective on date of issuance.



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

7/1/10

Date



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

7/1/10

Date

ADN/rm/10-0559

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A. Discharge Zone

This injection facility (sanitary leach field system) is authorized to inject 9,830 gallons per day average and 16,380 gallons per day maximum from a marina, shower house, and summer use trailers. The wastewater will be injected into the alluvium and colluviums soils above the Dakota Formation. The shallowest groundwater is approximately 18 feet below ground surface.

B. Well and Area of Review

The injection well authorized by this permit is located as follows:

SE1/4 of the SW1/4 of Section 27, Township 51 North, Range 66 West, 6th Principal Meridian

The Area of Review is defined as a rectangular area of 360 acres with the injection facility located near its center.

The Area of Review is based upon the following assumptions:

Table 1 (Area of Review Inputs)

Description	Inputs	Units
Permit Duration	10	Years
Porosity	25	Percent
Maximum Injection Rate	16,380	GPD
Thickness of Receiver	60	Feet
Area of Review	360	Acres
Hydraulic Conductivity	0.3	Feet/Day

C. Groundwater Classification

The shallow groundwater in the alluvial and colluviums soils above the Dakota Formation is Class I according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification is made because the groundwater in this formation is currently being used for domestic purposes at water supply wells within the area of review. Groundwater of Class I shall not be degraded to make it unusable as a source of water for this purpose. An aquifer that contains less than 10,000 mg/L total dissolved solids (and is not exempted) can be considered an underground source of drinking water.

D. Authorized Operations

The permittee is authorized to inject 9,830 gallons per day average 16,380 gallons per day maximum, of wastewater into a proposed leachfield that will replace three (3) existing leachfields. The wastewater is described as domestic wastewater from a marina, shower house, and summer use trailers.

If additional wastewater flows are added beyond those identified in the permit application, the leachfield and/or treatment system may need to be enlarged in which case the permittee must submit a revised application and receive a new permit prior to modification of the leach field or treatment system.

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 injection wells covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapter 11 and Chapter 16.

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 construction is complete and the permit is approved.

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.

I. Requirements for Startup, Monitoring, and Maintenance of the Wastewater Facility

During construction of the leachfield, additional percolation tests are required. Once the native fill is placed and compacted, a minimum of three (3) percolation tests are to be completed. When construction is completed on the facility, as-built plans are to be submitted along with the percolation data.

Before injection can begin, the up-gradient monitoring well (MW-1) must be installed and baseline groundwater quality established. Once MW-1 is fully constructed and developed, a one-time baseline groundwater sample will be taken. The baseline sample will be analyzed for parameters outlined in **Table 2**. The results need to be reported within 45 days of the sample being taken.

The groundwater in the receiving formation shall be sampled and the following parameters analyzed according to the schedule identified in **Table 2**. The following parameters shall be analyzed by the listed methods and schedules and reported annually:

Table 2 (Annual Groundwater Monitoring Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT or UCL
MW-1	Two semi-Annual samples, one in April/May and one in September	Ammonia as N	EPA 1689	0.50 mg/L
MW-2		Chloride	EPA 300.0	250 mg/L
MW-3		Nitrate as N	EPA 353.2	10 mg/L
		Top of casing elevation (ft)	Casing elevation must be surveyed	Not applicable
		Depth to static water (ft)	Steel tape with chalk or electronic tape	Not applicable
Septic Tank	Monthly	Total Volume Injected	Flow meters	16,380 gpd
	Annually during September sampling event	Solids/sludge thickness in tank	Sludge Judge or other sludge measuring tool	2.0 feet sludge thickness

*All applicable chemical concentrations in this permit are expressed as total (not dissolved) in mg/l unless otherwise noted. Once two (2) feet of sludge thickness is measured in the Septic Tank, the tank(s) must be pumped. Include a record of pumping of the tanks in the annual report. Failure to perform and report analyses in accordance with the prescribed schedule and method is a violation of this permit.

All annual reports are to be reported within forty-five (45) days of the last day of the year (February 14th).

The above upper control limit (UCL) cannot be exceeded in any sample. Exceedance of this value is a violation of this permit and shall require notification under Section K of this permit. If the UCL is exceeded in a sample, monitoring wells may be required to determine whether groundwater has been impacted and to delineate the nature and extent of any contamination resulting from operation of the permitted facility.

3. The permittee shall use electronic data deliverable (EDD) reporting when required by the Administrator.
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 plugging and abandonment 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. The monitoring reports shall be submitted on forms provided by the Department. 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 45 days following each schedule date.

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. 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. The application should be submitted at least 180 days before the expiration date of this permit. Under this permit, the Department may consider injection after the expiration date a violation of the 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. Injection wells covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 16, Section 12.

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.

The state of Wyoming recently passed Wyoming statute §34-1-152 and amended Wyoming statute §34-1-202 regarding the ownership of pore space within the subsurface. The department recommends that the permittee considers how these laws may apply to their injection of material into the subsurface.

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.

STATEMENT OF BASIS FOR A UIC PERMIT

I. General information.

- A. UIC Permit Number: 09-051
- B. Facilities Covered: JPC Keyhole Marina Septic System
- C. Class of Facility: Class V (Wyoming Water Quality Rules and Regulations, 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, Chapter 3, Section 17. Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 17. (Indicate either applicable or not applicable. If not applicable delete all of section VI from the Statement of Basis).

Applicable. A groundwater review has been conducted to insure that no groundwater will be impacted by this system.

VI. Documentation of Statement of Basis.

- A. The archives 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 May 27, 2010 and ending on June 26, 2010 (30 day notice as required by Wyoming Water Quality Rules and Regulations, Chapter 16). This notice was published in the Sundance Times 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 Wyoming Water Quality Rules and Regulations, Chapter 16, Section 6. This review was performed by Adrienne D. Nunn, Project Engineer, completed on April 26, 2010. 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".

ADN/rm/10-0559



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

June 30, 2010

JPC Keyhole LLC
Attn: Phil Jordan
PO Box 608
Gillette, WY 82717

RE: JPC Keyhole Marina Septic System
Draft Permit **09-051**, Class V Domestic Subsurface Fluid Distribution System
Crook County, Wyoming

Dear Mr. Jordan:

Attached please find one copy of the Class V permit for the above referenced facility. This permit requires a one-time Notice of Construction Completion and an annual sampling program. The Notice of Construction Completion form should be submitted 30 days after the facility is constructed. Also, please provide as-built details. The annual sampling report must be submitted within 45 days of the end of each calendar year (February 14). Both forms are enclosed for your convenience.

The permit application, draft permit, final permit, public notice, and report forms are available for review on the GEM website <https://gem.trihydro.com>. The corresponding report forms can be filled out using our on-line webform (Monitor Reports Link).

The underground injection control program was promulgated to prevent serious problems caused by direct discharges to groundwater. Those problems included groundwater pollution leading to contamination in domestic water wells and serious health effects caused by exposures to toxic substances and water borne pathogens. Your cooperation with our program is sincerely appreciated.

Sincerely,

Adrienne D. Nunn
Project Engineer
Water Quality Division

ADN/rm/10-0559

Enclosure: Final Permit, Notice of Construction Completion, Monitoring Report Template

cc: Falcon Consulting Services LLC, Attn: Bret Wolz PE, 445 Sinclair Street, Gillette, WY 82718
Bureau of Reclamation, Attn: Tara Piper, 515 9th Street, Room 101, Rapid City, SD 57701
John Passehl, WDEQ

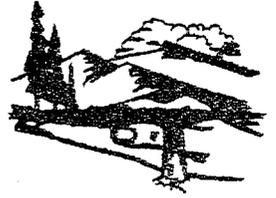
Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

May 24, 2010

Crook County Public Health
420 East Main Street,
Sundance, WY 82729

RE: JPC Keyhole Marina Septic System
Draft Permit **09-051**, Class V Domestic Subsurface Fluid Distribution System
Crook County, Wyoming

Dear Sir/Madam:

The JPC Keyhole Marina has submitted an application for an Underground Injection Control (UIC) permit. The facility will dispose of domestic wastewater from a marina, shower house, and summer use trailers. The wastewater will be disposed through a leachfield after primary treatment in a septic tank. The facility will inject into the residuum and colluviums soils located in Section 27, T51N, R66W.

The permit application, draft permit, and public notice are available for review on the GEM website <https://gem.trihydro.com>.

Please review this application and submit your comments within the next 30 days.

Sincerely,

Adrienne D. Nunn
Project Engineer
Water Quality Division

ADN/rm/10-0434

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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

May 24, 2010

JPC Keyhole LLC
Attn: Phil Jordan
PO Box 608
Gillette, WY 82717

RE: JPC Keyhole Marina Septic System
Draft Permit 09-051, Class V Domestic Subsurface Fluid Distribution System
Crook County, Wyoming

Dear Mr. Jordan:

The JPC Keyhole Marina has submitted an application for an Underground Injection Control (UIC) permit. The facility will dispose of domestic wastewater from a marina, shower house, and summer use trailers. The wastewater will be disposed through a leachfield after primary treatment in a septic tank. The facility will inject into the residuum and colluviums soils located in Section 27, T51N, R66W.

The permit application, draft permit, and public notice are available for review on the GEM website <https://gem.trihydro.com>.

Please review this application and submit your comments within the next 30 days.

Sincerely,

Adrienne D. Nunn
Project Engineer
Water Quality Division

ADN/rm/10-0434

Enclosure: Draft Permit

cc: Falcon Consulting Services LLC, Attn: Bret Wolz PE, 445 Sinclair Street, Gillette, WY 82718
Bureau of Reclamation, Attn: Tara Piper, 515 9th Street, Room 101, Rapid City, SD 57701

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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

May 24, 2010

Rick Huber
Wyoming Game and Fish Department
5400 Bishop Blvd.
Cheyenne, WY 82002

RE: JPC Keyhole Marina Septic System
Draft Permit **09-051**, Class V Domestic Subsurface Fluid Distribution System
Crook County, Wyoming

Dear Mr. Huber:

The JPC Keyhole Marina has submitted an application for an Underground Injection Control (UIC) permit. The facility will dispose of domestic wastewater from a marina, shower house, and summer use trailers. The wastewater will be disposed through a leachfield after primary treatment in a septic tank. The facility will inject into the residuum and colluviums soils located in Section 27, T51N, R66W.

The permit application, draft permit, and public notice are available for review on the GEM website <https://gem.trihydro.com>.

Please review this application and submit your comments within the next 30 days.

Sincerely,


Adrienne D. Nunn
Project Engineer
Water Quality Division

ADN/rm/10-0434

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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

May 24, 2010

Wendy Cheung
USEPA, Region VIII
1595 Wynkoop Street
Denver, Colorado 80202-1129

RE: JPC Keyhole Marina Septic System
Draft Permit **09-051**, Class V Domestic Subsurface Fluid Distribution System
Crook County, Wyoming

Dear Ms. Cheung:

The JPC Keyhole Marina has submitted an application for an Underground Injection Control (UIC) permit. The facility will dispose of domestic wastewater from a marina, shower house, and summer use trailers. The wastewater will be disposed through a leachfield after primary treatment in a septic tank. The facility will inject into the residuum and colluviums soils located in Section 27, T51N, R66W.

The permit application, draft permit, and public notice are available for review on the GEM website <https://gem.trihydro.com>.

Please review this application and submit your comments within the next 45 days.

Sincerely,

Adrienne D. Nunn
Project Engineer
Water Quality Division

ADN/rm/10-0434

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ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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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

May 24, 2010

Lisa Lindemann
Wyoming State Engineer's Office
122 West 25th Street
Cheyenne, Wyoming 82002

RE: JPC Keyhole Marina Septic System
Draft Permit **09-051**, Class V Domestic Subsurface Fluid Distribution System
Crook County, Wyoming

Dear Ms. Lindemann:

The JPC Keyhole Marina has submitted an application for an Underground Injection Control (UIC) permit. The facility will dispose of domestic wastewater from a marina, shower house, and summer use trailers. The wastewater will be disposed through a leachfield after primary treatment in a septic tank. The facility will inject into the residuum and colluviums soils located in Section 27, T51N, R66W.

The permit application, draft permit, and public notice are available for review on the GEM website <http://gem.trihydro.com>.

Please review this application and submit your comments within the next 30 days.

Sincerely,

Adrienne D. Nunn
Project Engineer
Water Quality Division

ADN/rm/10-0434

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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

May 24, 2010

Sara Needles
State Historic Preservation Office
2301 Central Avenue
Barrett Building, 3rd Floor
Cheyenne, WY 82002

RE: JPC Keyhole Marina Septic System
Draft Permit **09-051**, Class V Domestic Subsurface Fluid Distribution System
Crook County, Wyoming

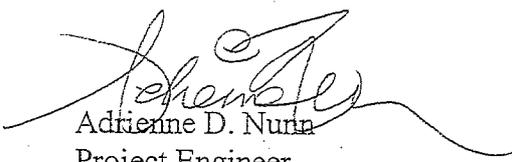
Dear Ms. Needles:

The JPC Keyhole Marina has submitted an application for an Underground Injection Control (UIC) permit. The facility will dispose of domestic wastewater from a marina, shower house, and summer use trailers. The wastewater will be disposed through a leachfield after primary treatment in a septic tank. The facility will inject into the residuum and colluviums soils located in Section 27, T51N, R66W.

The permit application, draft permit, and public notice are available for review on the GEM website <https://gem.trihydro.com>.

Please review this application and submit your comments within the next 30 days.

Sincerely,


Adrienne D. Nunn
Project Engineer
Water Quality Division

ADN/im/10-0434

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*published
mew 21th*

Wyoming Department of Environmental Quality (DEQ) Notice of Proposed Underground Injection Control (UIC) Permit

The Wyoming DEQ's UIC Program regulates certain discharges of pollutants into ground waters of the state. Operators of these discharges are required to receive coverage under a UIC permit. The permit contains limitations and conditions that will assure that the state's ground water quality standards are protected. Prior to issuing permits, the UIC Program prepares a 30-day public notice to inform interested parties of proposed permits and offers an opportunity to provide written comments.

The purpose of this notification is to inform the public that the UIC Program is proposing the issuance or reissuance of a permit and has prepared a public notice that is available at the DEQ's website (<http://deg.state.wy.us/wqd/events/index.asp>). The public notice includes copies of currently proposed permits, relevant application material, and clearly defines the deadline and process for providing written comments. If you have any questions, please contact John Passehl, Wyoming Department of Environmental Quality, Water Quality Division, 122 West 25th Street, Cheyenne, WY 82002, 307-777-5623, jpasse@wyo.gov.

STATE OF WYOMING PUBLIC NOTICE

THE PURPOSE OF THIS NOTICE IS TO INDICATE THE STATE OF WYOMING'S INTENTION TO ISSUE AN UNDERGROUND INJECTION CONTROL PERMIT AND TO CLASSIFY THE RECEIVING GROUNDWATER OF THE STATE IN THE VICINITY OF THE PERMITTED INJECTION UNDER THE WYOMING ENVIRONMENTAL QUALITY ACT (35-11-101 ET. SEQ. WYOMING STATUTES 1957, CUMULATIVE SUPPLEMENT 1973), AND DEPARTMENT OF ENVIRONMENTAL QUALITY, WATER QUALITY RULES AND REGULATIONS CHAPTERS 8, 11 AND 16. THIS PERMIT WILL ALLOW THE DISPOSAL OF A MAXIMUM OF 16,380 GALLONS PER DAY OF TREATED DOMESTIC WASTEWATER INTO A LEACH FIELD.

PERMIT NUMBER: 09-051; PERMITTEE NAME: JPC Keyhole LLC, PO Box 608, Gillette, WY 82717; PHONE: (307)-682-2557; FACILITY NAME AND LOCATION: Keyhole Marina Septic System located in Section 27, Township 51 North, Range 66 West, Sixth Principal Meridian, all in Crook County, Wyoming.

The proposed leachfield will replace three (3) existing leachfields. The permittee proposes to inject 16,380 gallons per day maximum of domestic wastewater from a marina, shower house, and summer use trailers. The treated wastewater will be injected into the the alluvium and colluviums soils above the Dakota Formation. The shallowest groundwater is approximately 18 feet below ground surface. The proposed permit requires that the permittee monitor the injection and submit periodic reports. Monitoring is designed to show that there will not be a groundwater standards violation as a result of this injection. Underground Injection Control regulations require that each permitted injection well be reviewed thoroughly at least every five (5) years in addition to the normal review done quarterly.

The current information on the shallow groundwater near the leachfield is not sufficient to classify it under Wyoming Water Quality Rules and Regulations Chapter 8. The ground water will be classified following the construction of the facility. Groundwater of the class determined shall not be degraded so as to make it unusable as a source of water for its purpose.

Other tentative determinations have been made by the State of Wyoming relative to conditions to be imposed on the permit. These conditions will assure that useable water of the State will be protected and applicable provisions of State statutes and regulations will be followed.

PUBLIC COMMENTS on the proposed operation, the proposed groundwater classification, and the State's intent should be addressed to: Wyoming Department of Environmental Quality, Water Quality Division, Adrienne Nunn, Herschler Building, 4th floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; or by FAX to (307) 777-7610; All comments received prior to 5:00 P.M., May 30, 2010 in the Cheyenne office will be considered.

Any person may request in writing (prior to the end of the public comment period) that a public hearing be held. Requests should indicate the name and full mailing address of the individual requesting a hearing, the interest that individual has in the project, and the grounds for holding a public hearing.

If a hearing is not warranted, the final permit will be issued at the end of the public comment period.

Public Notice 09-051

Publish on or before April 30, 2010, Sundance Times

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 09-052

Adams Street Lift Station Improvements
PWS WY5600029

This permit hereby authorizes the applicant:

City of Laramie
405 Grand Avenue, 2nd Floor
Laramie, WY 82073

to construct, install or modify an upgrade to an existing lift station, sewage grinder, replacement of the wet well and pump chamber, replacement of emergency generator and enclosure of existing site according to the procedures and conditions of the application number 09-052. The facility is located in SE1/4 Section 6 T15N R73W; Albany County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed March 3, 2011.

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.

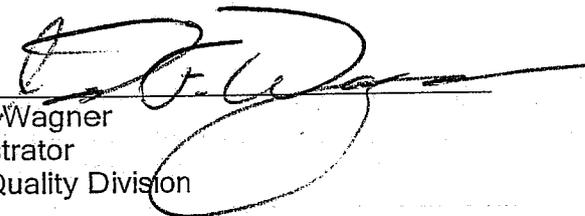
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 307-777-7075, FAX 307-777-7610, 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 3/6/09

RRC/rm/9-0163

STATEMENT OF BASIS

1. Permit Number: **09-052**
2. This application was reviewed for compliance with the applicable regulations ;

 Chapters 3, 11
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.

Sewerage systems are exempted from review by Chapter 3, Section 17.

Public water supplies are exempted from review by Chapter 3, Section 17.

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 Richard Cripe, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on March 3, 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."



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

March 12, 2009

Bill Smith, Distribution Manager
252 Industrial Drive
Rock Springs, WY 82901

RE: Benchmark Performance Group, Inc. Site Plan 09-053R, 2803 Yellowstone Road Lots 10,11,13, located in Rock Springs, Sweetwater County

Dear Mr. Smith:

The above application for coverage under General Permits to Construct an extension to a public water service distribution system consisting of 345 linear feet of 8 inch PVC with meter vault and a 480 linear feet 6 inch PVC sewer main collection extension to serve a warehouse and office building located in Rock Springs to be constructed 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. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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
Shawn M. Alnoldi, Choice Engineering Services, Inc., 404 N. Street Suite 201, Rock Springs, WY 82901

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

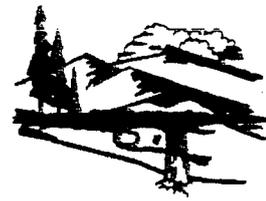
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

WATER QUALITY
(307) 332-3144
FAX 332-7726





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

December 28, 2009

Mr. Thomas P. Young
Cameco Resources
P.O. Box 1210
Glenrock, WY 82637

RE: UIC Class I Permit 09-054, Well SHRUP #10 – Surety Estimate

Dear Mr. Young:

I received Cameco's revised surety estimate for the SRHUP #10 well on December 21, 2009 and have reviewed the costs estimated for "Equipment Removal and Loading", "Building Demolition and Disposal", and "Miscellaneous Reclamation". I had previously reviewed the estimate for "Well Abandonment" in your December 4, 2009 letter to Mr. Spackman, Land Quality Division. The total of \$172,605.09 is adequate to cover the costs of plugging and abandoning the well and reclamation. Based on the recommendation of Deanna Hill, Land Quality Division, this amount will be rounded up to \$172,700 to meet bonding requirements (12/23/09 email from Scott Bakken).

Section Q of Permit 09-054 for the Smith Ranch – Highland Uranium Mine Class I injection wells requires that the Wyoming Department of Environmental Quality receive financial assurance for the above amount prior to construction of SRHUP #10. The Water Quality Division accepts a variety of financial instruments for financial assurance, such as certificates of deposit and letters of credit. Barb Barnes, Water Quality Division, emailed Scott Bakken, Cameco Resources, Lakewood, a letter-of-credit template on December 22, 2009 as one example. For additional information on the preparation of the appropriate financial documents, please contact Barb Barnes at (307) 777-5632.

Sincerely,

George D. Langstaff
UIC Program, Water Quality Division

GDL/rm/9-1134

cc: Scott Bakken, Cameco Resources, 141 Union Blvd, Suite 330, Lakewood, CO 80228
Barb Barnes, Water Quality Division, WDEQ
Kevin Frederick, Water Quality Division, WDEQ
Deanna Hill, Land Quality Division, WDEQ
Steve Ingle, Land Quality Division, WDEQ
WDEQ UIC file

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STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND INJECTION CONTROL PERMIT ISSUED UNDER
WYOMING WATER QUALITY RULES AND REGULATIONS
CHAPTER 13
CLASS I INJECTION WELL

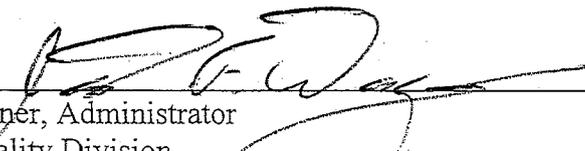
(X) New
() Modified

Permit Number: **09-054(ref. 98-001)**
UIC Facility Number WYS-009-011

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 13.

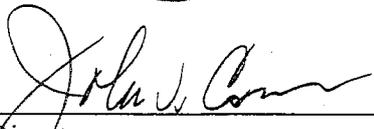
Applicant: Power Resources Inc. dba Cameco Resources
141 Union, Suite 330
Lakewood, CO 80228
(720) 879-5500

Power Resources Inc. hereafter referred to as the permittee, is authorized to continue to operate the existing **Morton 1-20** injection well located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 20, Township 36 North, Range 72 West; begin to operate the existing **Vollman 33-27** injection well located in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 27, Township 36 North, Range 73 West, and; to construct and operate the following new injection wells: **SRHUP No. 6** located in NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 17, Township 35 North, Range 74 West, and the **SRHUP No. 9** located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 15, Township 36 North, Range 73 West. of the 6th Principal Meridian, all in Converse County according to the procedures and conditions of application 09-054 and requirements and other conditions of this permit. **SRHUP No. 7** located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 23, Township 36 North Range 74 West, **SRHUP No. 8** located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 8, Township 35 North, Range 74 West, and **SRHUP No. 10** SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 33, Township 36 North, Range 74 West may only be constructed upon receipt of DEQ's written acceptance of financial assurance for each well. This permit is, in part, a renewal of permit 98-001. 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

10/9/09
Date



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

10/12/09
Date

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A. Discharge Zone

In accordance with the permit application materials and the requirements of this permit, the injection wells described in Table 1 are authorized to inject into the Teckla, Teapot, and/or Parkman formations as follows:

Table 1 (Discharge Zone)

Well Name	Perforated Intervals (injection start depth)	Perforated Intervals (injection end depth)
Morton 1-20	8,024	9,138
Vollman 33-27	9,034	9,474
SRHUP No. 6	8,120 (estimated)	9,560 (estimated)
SRHUP No. 7*	8,310 (estimated)	9,760 (estimated)
SRHUP No. 8*	8,120 (estimated)	9,560 (estimated)
SRHUP No. 9	8,030 (estimated)	9,460 (estimated)
SRHUP No. 10*	8,080 (estimated)	9,510 (estimated)

* The SRHUP#7, SRHUP#8 and SRHUP#10 may only be constructed upon permittee's receipt of DEQ's written acceptance of financial assurance for each well.

Additional perforations may be installed within the above named intervals of the authorized formations with the prior written approval of the Water Quality Division.

The packer (set on the bottom of the tubing) shall be set within 100 feet of the top of the authorized discharge zone for all wells.

The Lewis shale forms the upper confining layer above Teapot sandstone and Cody shale forms the Lower confining layer below the Parkman sandstone.

B. Well and Area of Review

The well(s) authorized by this permit are located in:

Township 36 North, Range 72 West, Section 20, NW $\frac{1}{4}$ NW $\frac{1}{4}$, 6th Principal Meridian

Township 36 North, Range 73 West, Section 27, NW $\frac{1}{4}$ SE $\frac{1}{4}$, 6th Principal Meridian

Township 35 North, Range 74 West, Section 17, NW $\frac{1}{4}$ NE $\frac{1}{4}$, 6th Principal Meridian

Township 36 North Range 74 West, Section 23, NW $\frac{1}{4}$ SW $\frac{1}{4}$, 6th Principal Meridian

Township 35 North, Range 74 West, Section 8, NE $\frac{1}{4}$ NE $\frac{1}{4}$, 6th Principal Meridian

Township 36 North, Range 73 West, Section 15, SE $\frac{1}{4}$ SE $\frac{1}{4}$, 6th Principal Meridian

Township 36 North, Range 74 West, Section 33, SW $\frac{1}{4}$ SE $\frac{1}{4}$, 6th Principal Meridian
The Areas of Review are determined by calculating the cone of influence, volumetric cylinder, or using a default radius of 1,320 feet, whichever is greater, except as related to the Morton 1-20. The Morton 1-20 has previously received wastes from the mining operations.

The Areas of Review around these wells are legally described as:

Morton 1-20

Township 36 North, Range 72 West

Section 7: SW $\frac{1}{4}$, SE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$

Section 8: SW $\frac{1}{4}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$

Section 9: SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$,

Section 15: W $\frac{1}{2}$ SW $\frac{1}{4}$

Sections 16, 17, 18, 19, 20, 21

Section 22: W $\frac{1}{2}$ NW $\frac{1}{4}$

Section 28: NW $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$

Section 29

Section 30: NW $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, and

Township 36 North, Range 73 West

Section 12: E $\frac{1}{2}$ SE $\frac{1}{4}$

Section 13: NE $\frac{1}{4}$, SE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$

Section 24: NE $\frac{1}{4}$, SE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$

Section 25: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$

Vollman 33-27

Township 36 North, Range 73 West

Section 21: S $\frac{1}{2}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$

Section 22: SW $\frac{1}{4}$, SE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$

Section 23: SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$

Section 26: NW $\frac{1}{4}$, SW $\frac{1}{4}$, SE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$

Section 27

Section 28: NE $\frac{1}{4}$, SE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$

Section 33: NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$

Section 34: NW $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$

Section 35: NW $\frac{1}{4}$, E $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$

SRHUP No. 6

Township 35 North, Range 74 West

Section 7: SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$

Section 8: NE $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$

Section 9: SW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$

Section 16: NW $\frac{1}{4}$, SW $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, and

Township 35 North, Range 74 West
Section 17
Section 18: NE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$
Section 20: N $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$

SRHUP No.7

Township 36 North, Range 74 West
Section 14: SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$
Section 15: SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$
Sections 22, 23
Section 24: W $\frac{1}{2}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$
Section 26: NE $\frac{1}{4}$, NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$
Section 27: NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$

SRHUP No. 8

Township 35 North, Range 74 West
Section 4: SW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$
Section 5: SE $\frac{1}{4}$, SW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$
Section 8: NW $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$
Section 9: NW $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$

SRHUP No. 9

Township 36 North, Range 73 West
Section 9: SE $\frac{1}{4}$ SE $\frac{1}{4}$
Section 10: SE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$
Section 11: S $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$
Section 13: W $\frac{1}{2}$ SW $\frac{1}{4}$
Section 14, 15
Section 16: NE $\frac{1}{4}$, SE $\frac{1}{4}$
Section 21: NE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$
Section 22, 23
Section 24: W $\frac{1}{2}$ NW $\frac{1}{4}$
Section 26: N $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$
Section 27: NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$

SRHUP No.10

Township 36 North, Range 74 West
Section 32: E $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$
Section 33
Section 34: NW $\frac{1}{4}$, SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, and

Township 35 North, Range 74 West
 Section 3: NW¹/₄, NW¹/₄NE¹/₄, NW¹/₄SW¹/₄
 Section 4: NW¹/₄, NE¹/₄, N¹/₂SW¹/₄, N¹/₂SE¹/₄
 Section 5: E¹/₂NE¹/₄

The Areas of Review are based on the following information:

Table 2 (Area of Review Inputs for Formation)

Description	Inputs	Units
Morton 1-20		
Time	11.6	Years
Porosity	11.5	Percent
Injection Rate	5,143	BPD
Thickness of Receiver	85	Feet
Area of Review	9,596	Feet
Fracture Gradient	0.06	PSI/Feet

Table 3 (Area of Review Inputs for Formation)

Description	Inputs	Units
Vollman 33-27		
Time	10	Years
Porosity	11.6	Percent
Injection Rate	5,143	BPD
Thickness of Receiver	172	Feet (estimated)
Area of Review	6,220	Feet
Fracture Gradient	0.06	PSI/Feet

Table 4 (Area of Review Inputs for Formation)

Description	Inputs	Units
SRHUP No. 6		
Time	10	Years
Porosity	11.6	Percent
Injection Rate	5,143	BPD
Thickness of Receiver	235	Feet
Area of Review	4,789	Feet
Fracture Gradient	0.06	PSI/Feet

Table 5 (Area of Review Inputs for Formation)

Description	Inputs	Units
SRHUP No. 7		
Time	10	Years
Porosity	11.5	Percent
Injection Rate	5,143	BPD
Thickness of Receiver	220	Feet (estimated)
Area of Review	5,097	Feet
Fracture Gradient	0.06	PSI/Feet

Table 6 (Area of Review Inputs for Formation)

Description	Inputs	Units
SRHUP No. 8		
Time	10	Years
Porosity	11.5	Percent
Injection Rate	5,143	BPD
Thickness of Receiver	282	Feet (estimated)
Area of Review	3,941	Feet
Fracture Gradient	0.06	PSI/Feet

Table 7 (Area of Review Inputs for Formation)

Description	Inputs	Units
SRHUP No. 9		
Time	10	Years
Porosity	11.5	Percent
Injection Rate	5,143	BPD
Thickness of Receiver	150	Feet (estimated)
Area of Review	6,814	Feet
Fracture Gradient	0.06	PSI/Feet

Table 8 (Area of Review Inputs for Formation)

Description	Inputs	Units
SRHUP No. 10		
Time	10	Years
Porosity	11.5	Percent
Injection Rate	5,143	BPD
Thickness of Receiver	250	Feet (estimated)
Area of Review	4,500	Feet
Fracture Gradient	0.06	PSI/Feet

C. Groundwater Classification

Groundwater within the Teckla, Teapot, and Parkman formations within the Areas of Review is classified as Class VI according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification was made based upon the following:

1. Regional Total Dissolved Solids (TDS) concentrations within the Teckla, Teapot, and Parkman are 12,463 mg/l, 15,552 mg/l, and 14,631 mg/l respectively.
2. The formations contain oil and gas as well as Benzene, Toluene, Ethylbenzene and Xylene (BTEX) based on their presence within adjacent, previously permitted Class I wells, as well as the proximity to oil and gas production.
3. The formations are situated at a depth or location which makes recovery of water for drinking water purposes economically or technologically impractical.

There is no compelling evidence of porosity development below the Teckla-Teapot-Parkman (TTP) geologic units in the area. Therefore, no aquifers or underground sources of drinking water (USDW's) are likely to be encountered.

D. Authorized Operations

Prior to injection, baseline water quality information and fracture gradient test data must be provided to the DEQ in accordance with testing procedures described in the permit application and the requirements of Sections D and Section H of this permit.

The SHRUP#7, SHRUP#8 and SHRUP#10 may be constructed upon receipt of DEQ's written acceptance of financial assurance for each well.

Injection of any fluid into any well shall not commence until written authorization has been received from the DEQ.

Upon fulfillment of the requirements of this permit, the permittee is authorized to inject 25,200 barrels per day (1,058,400 gallons per day) of industrial wastes (from the Highland Uranium Project) as the total volume injected from all seven (7) wells as described below:

Description of Processing Wastes
Process area wash down water
Eluate solution as decanted from the uranium precipitation circuit
Wash waters decanted from yellowcake settling (thickening)
Sand filter backwash waters
Ion exchange screening wash waters
Laboratory wastes from a laboratory located on the Highland Uranium Project
Reverse osmosis or electrodialysis brine concentrate, fluids from groundwater sweep or wellfield production bleed

A maximum volume of 3,600 barrels per day may be injected in any one well.

The Bevill Amendment exempts most wastes generated in the mining industry from regulation under RCRA. Wastes covered by the Bevill Amendment to RCRA are detailed in 40 CFR 261.4(b)(7). This section of 40 CFR 261 sets up two (2) types of mining wastes which are

exempt; beneficiation wastes and processing wastes. The two terms are almost interchangeable, except that processing usually refers to a process which produces a final end product, while beneficiation produces an intermediate product which must be further refined to be used.

Produced water from oil and gas operations may be accepted for disposal with prior WQD approval. Fluids from other industrial operations may be accepted for disposal with prior WQD approval. Analyses will be required prior to injection of any waste not produced on the project covered by LQD's Permit to Mine. The exact parameters to be analyzed will be determined prior to accepting any such waste. The permittee shall contact WQD for guidance prior to ordering analyses. For any waste which is not exempt from RCRA regulation at the time of injection, the permittee shall provide at a minimum, tests for EP Corrosivity, EP Toxicity using the Toxicity Characteristic Leaching Procedure (TCLP), EP Ignitability, and EP Reactivity. The Water Quality Division may waive in writing the requirement for individual tests based on the source and nature of the waste to be disposed of. Injection shall not commence until such time as an approval has been issued in writing by the Water Quality Division for that particular waste. The Water Quality Division may issue approvals under this permit for injection of industrial waste from a single source for up to three years from the date of the original analyses. Such approvals may require additional analyses during their term.

The composite injection stream may also contain a small amount of Nalco 7801 corrosion inhibitor. Nalco 7801 is an aqueous solution of alkonal amine phosphate ester and ethylene glycol. Nalco 7801 has been shown to not meet the definition of hazardous waste under RCRA.

The composite injection stream may also contain a small amount of Betz GCP-188 deposit control additive. Betz GCP-188 deposit control additive has been shown to not meet the definition of hazardous waste under RCRA.

The composite injection stream may also contain a small amount of Tretolite SP-200 scale inhibitor. Tretolite SP-100 deposit control additive has been shown to not meet the definition of hazardous waste under RCRA.

The composite injection stream may also contain a small amount of Baker Petrolite SCW2600 scale inhibitor. Baker Petrolite SCW2600 deposit control additive has been shown to not meet the definition of hazardous waste under RCRA.

The composite injection stream may also contain a small amount of Tretolite NC-370 Biocide added to control bacterial growth in the injection system. Tretolite NP-370 biocide additive has been shown to not meet the definition of hazardous waste under RCRA.

Additional corrosion inhibitors may be used with the prior written approval of the Water Quality Division.

Table 9 (Permit Limits)

Description	Permit Limits	Units
Morton 1-20		
Maximum Injection Rate	3,600*	BPD
Surface Tubing Injection Pressure (Maximum)	845	PSIG
Annulus Pressure (Minimum)	200	PSIG
Annulus Pressure (Maximum)	800	PSIG

Table 10 (Permit Limits)

Description	Permit Limits	Units
Volman 33-27		
Maximum Injection Rate	3,600*	BPD
Surface Tubing Injection Pressure (Maximum)	951	PSIG
Annulus Pressure (Minimum)	200	PSIG
Annulus Pressure (Maximum)	800	PSIG

Table 11 (Permit Limits)

Description	Permit Limits	Units
SRHUP No. 6 and 8		
Maximum Injection Rate	3,600*	BPD
Surface Tubing Injection Pressure (Maximum)	855	PSIG
Annulus Pressure (Minimum)	200	PSIG
Annulus Pressure (Maximum)	800	PSIG

Table 12 (Permit Limits)

Description	Permit Limits	Units
SRHUP No. 7		
Maximum Injection Rate	3,600*	BPD
Surface Tubing Injection Pressure (Maximum)	875	PSIG
Annulus Pressure (Minimum)	200	PSIG
Annulus Pressure (Maximum)	800	PSIG

Table 13 (Permit Limits)

Description	Permit Limits	Units
SRHUP No. 9		
Maximum Injection Rate	3,600*	BPD
Surface Tubing Injection Pressure (Maximum)	846	PSIG
Annulus Pressure (Minimum)	200	PSIG
Annulus Pressure (Maximum)	800	PSIG

Table 14 (Permit Limits)

Description	Permit Limits	Units
SRHUP No. 10		
Maximum Injection Rate	3,600*	BPD
Surface Tubing Injection Pressure (Maximum)	851	PSIG
Annulus Pressure (Minimum)	200	PSIG
Annulus Pressure (Maximum)	800	PSIG

* Injection may not commence until a final determination of individual well fracture gradients has been established. The procedure for making this determination requires written approval by DEQ. Upon acceptance by DEQ of an individual well fracture gradient, a re-determination of maximum injection pressure. Additionally, upon acceptance by DEQ of an individual well injectivity test after the well completion and stimulation, a re-determination of injection rate and re-calculation of the Area of Review shall be provided by the permittee. Injection shall not begin until the maximum injection pressure has been established by DEQ in writing based on the test results obtained from the approved procedure.

Prior to injection, and after all cementing operations are complete on each new well, a cement bond log shall be run. This log shall include a micro-seismogram section and must show good quality bond. The log shall be submitted to the Water Quality Division along with the first quarterly report on the injection.

The injection pressure shall be continuously monitored and recorded on a chart recorder or digitally. The permittee shall continuously monitor the pressure on the casing annulus and tubing, and shall maintain a positive pressure on the annulus.

The permittee may conduct step injection tests to determine changes in the fracture pressure as the injection continues. After acceptance by the Administrator of these tests the permittee shall limit the injection pressure to 100 psig less than, or 90% of (whichever is greater) the new fracture pressure as measured on the surface.

If the injection pressure and/or rate exceeds authorized limitations it is a violation of this permit and shall be reported pursuant to Section I of this permit.

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 mechanical integrity of the well, 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 injection wells covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapter 13, Section 11.

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.

G. Entry and Inspection

The permittee shall allow the Administrator, or an authorized representative for 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

A monitoring program is required to establish baseline water quality of the receiving formations and to insure knowledge of migration and behavior of the discharge. The permittee is required to provide detailed information concerning the quality of the groundwater in the receivers.

Groundwater in the receiving formations shall be sampled and analyzed at each well for all constituents listed in Table 1 of Chapter 8, Water Quality Rules and Regulations, including VOCs by EPA Method 624 (long list). In lieu of these water samples the DEQ may consider accepting geo-physical logs of the well demonstrating the existence of excessive (>10,000 mg/L) Total Dissolved Solids or the presence of hydrocarbons, drill stem test data from the wells indicating the presence of hydrocarbons within the receiving formations, or information on groundwater quality of the receiving formations from wells in the immediate vicinity. The methods and procedures for sample collection and analysis must be approved by the DEQ prior to sampling.

No additional ground water monitoring program for near-surface ground waters is required under this permit due to the existence of a monitoring program of shallow groundwater required by the

WDEQ-LQD permit to mine and because of the excellent confinement characteristics of geologic formations overlying the proposed injection zones and.

I. Requirements for Monitoring the Discharge

The permittee shall monitor the injection pressure continuously and record readings on a strip chart recorder, a circular chart recorder, or digitally with the pressure transducer on the well or in the injection plant. A high pressure kill switch shall also be installed on the injection tubing. This device shall be set to preclude violations of the maximum injection pressure.

The permittee shall monitor the injection volume continuously and record those readings on a strip chart recorder, a circular chart recorder, or digitally with the pressure transducer on the well or in the injection plant.

The permittee shall continuously monitor the pressure of the casing/tubing annulus and shall maintain a positive pressure on the annulus. The pressure maintained shall not be less than 200 psig or more than 800 psig. The permittee shall continuously record the annulus pressure on a strip chart recorder, a circular chart recorder, or digitally with the pressure transducer on the wellhead.

The permittee shall shut-in the well(s) covered by this permit annually for a period of time long enough to observe a valid pressure falloff curve. This test shall be considered complete when the pressure curve becomes asymptotic to a straight line. This test shall be analyzed by the permittee using either the Miller Dyes Hutchinson (MDH) method or the Horner Method. In either case, graphs of this test shall be submitted to include either the MDH or Horner Plot and a Log-Log plot after injection. From these plots, the transmissivity md-ft/cp, the permeability in md, and the dimensionless skin factor shall be calculated and submitted to the Water Quality Division with the next quarterly report after the test is done.

The permittee shall monitor the quality of the injected water on an approved schedule. The Administrator may add or delete parameters to be analyzed or change reporting frequencies. The parameters identified in **Table 9** shall be analyzed by the listed methods and **reported quarterly**.

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Table 15 (Quarterly Sampling Schedule)

EPA Analytic Method	Parameter Analyzed	CAS Number	Proposed Permit Limit or UCL (mg/L)
310.1	Carbonate	NA	NA
310.1	Bicarbonate	NA	NA
350.1	Ammonia	7664-41-7	*
908.1	Uranium	7440-61-1	65
160.1	Total Dissolved Solids	NA	*
903.0	Radium 226	7440-14-4	*
376.1	Hydrogen Sulfide	7783-06-4	*
NA	pH	NA	>2 - <11 s.u.
300.0	Chloride	NA	*
300.0	Sulfate	NA	*
A2510B	Conductivity	NA	*
DOE-RESL A-20 Alpha Spectrometry	Uranium Trioxide (UO ₃)	1344-58-7	*
DOE-RESL A-20 Alpha Spectrometry	Uranium Dioxide (UO ₂)	1344-57-6	*
206.5	Arsenic	7440-38-2	*
239	Lead	7439-92-1	*
245	Mercury	7439-97-6	*
420	Total Phenolic Hydrocarbons	108-95-2	*
624 (long list) (Change to annually after first 4 quarterly samples)	Volatile Organic Compounds (VOCs)	Various	*

* **UCL's apply only to wastes authorized for disposal under this permit.**

All chemical parameters listed in this permit are expressed in mg/L unless otherwise noted. 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.

Sampling and analysis for VOCs will be conducted for the first four quarterly sampling periods, then annually thereafter.

The above upper control limits (UCL) are not to be exceeded in any sample. UCLs are derived from Wyoming Water Quality Rules and Regulations, Chapter 13, Appendices A and B, and Chapter 8. The lowest UCL shall apply if there are any conflicts between rules and parameters. Exceedances of these values are a violation of this permit and shall require notification under

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

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

1. 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.
2. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.
3. The permittee shall give notice to the Administrator as soon as possible of any planned physical alterations or additions to the permitted facility.
4. The permittee shall give advance notice to the Administrator of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
5. The permittee shall use electronic data deliverable (EDD) reporting when required by the Administrator.
6. Monitoring results shall be reported at intervals specified in Section D and/or Section I of this permit.
7. 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 fourteen (14) days following each schedule date.
8. The permittee shall report any noncompliance which may endanger health or the environment, orally within twenty-four (24) hours from the time the permittee 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 groundwaters of the state.

A written submission shall be provided within five (5) days of the time the permittee 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.

9. The permittee shall report all instances of noncompliance not reported otherwise at the time monitoring reports are submitted.
10. Where the permittee becomes aware that it failed to submit any relevant acts in a permit application, or submitted incorrect information in a permit application or in any report to the Administrator, it shall promptly submit such facts or information.
11. The permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified plugging and abandonment procedures. The Administrator may require the owner/operator to deliver the records to the Administrator at the conclusion of the retention period.
12. The **quarterly report** of operations for this well shall include the following information:
 - a. The minimum, average and maximum daily injection rate for each month of the quarter. The page showing the maximum injection rate shall also show the maximum permitted injection rate for comparison.
 - b. The minimum, average, and maximum daily injection pressure for each month of the quarter. The page showing the maximum injection pressure shall also show the maximum permitted injection pressure for comparison.
 - c. The total injection volume in barrels for each month of the quarter, the total for the quarter, the total cumulative injected to date.
 - d. The maximum and minimum annulus pressure for each month of the quarter.
 - e. Any permit exceedences within the quarter.
 - f. Any tests run during the quarter. This includes but is not limited to the results on any Mechanical Integrity Tests, Pressure Falloff Tests, Step Injection Tests, or any well workovers.
 - g. Quarterly reports are due in the Cheyenne office of the Water Quality Division no later than thirty (30) days after the end of each calendar quarter.

13. The **annual report** of operations on this well shall include the following additional information:
- a. A graphical representation of the injection pressure and volume for the previous five year's operation. This graph shall have the dates of the year on the abscisa and the pressure and volume as the ordinate.
 - b. Graphical representations of the quality of the injected water overtime. These graphs shall show the injected quality for the previous five year's operation and shall be prepared on appropriate scales to show the variation.
 - c. Analytical results required by Section I of this permit.
14. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the Administrator within thirty (30) days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

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. The application should be submitted at least 180 days before the expiration date of this permit. Under this permit, the Department may consider injection after the expiration date a violation of the 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;
2. Obtaining a permit by misrepresentation of facts in the application; or
3. Failure of the casing, cement or the confining layer.

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 Council.

M. Mechanical Integrity

Mechanical integrity shall be maintained continuously and reviewed at least once every five (5) years. The test used to determine mechanical integrity shall be a two part test approved by the Administrator.

Part I of the mechanical integrity test shall demonstrate the absence of leaks through the packer, tubing, casing, and wellhead. Prior to injection and at least once every five (5) years, and more frequently if required by the Administrator, the casing tubing annulus of each of these wells shall be pressure tested to 2,000 psig. A successful test shall show that there has been less than 10% pressure loss after fifteen (15) minutes at 2,000 psig.

Part II of the mechanical integrity test shall demonstrate the absence of fluid movement behind the casing. Prior to commercial injection and at least once every five (5) years, and more frequently if required by the Administrator, each of these wells shall be logged using a radioactive tracer (RTS) log and a temperature log and the results and their interpretation shall be reported to the Water Quality Division along with the next quarterly report.

Other types of logs may be substituted for Part II of the mechanical integrity test with the prior written approval of the Water Quality Division.

Should any of the above tests show a lack of mechanical integrity, the Water Quality Division shall be notified by telephone within twenty-four (24) hours and with a written report within seven (7) days. In the case of a failed mechanical integrity test, the well shall be immediately shut-in. Injection shall not resume until the well has been repaired and a complete mechanical integrity test has been passed and the Water Quality Division has approved these tests.

If at any time injection occurs in any zone not within the permitted receiver, a permit violation has occurred. The operator shall prepare an estimate of the volume and quality of all wastewaters which were injected outside of the permitted receiver. In the case where any aquifer meeting the standards for Class I through IV under Wyoming Water Quality Rules and Regulations, Chapter 8, has been contaminated due to out of zone injection, the operator shall prepare and implement a plan to recover these solutions and inject them into the proper receiver. Injection shall not resume until the well has been repaired and a complete mechanical integrity test has been passed and the Water Quality Division has approved these tests.

N. Plugging and Abandonment

The permittee shall notify the Administrator at such times as the permit requires before conversion or abandonment of the well. Immediately following the permanent cessation of subsurface discharge or related activity, or where a well has not been completed, the

applicant/permittee shall notify the director and follow the procedure prescribed by the director for plugging and abandonment or the discontinuance of related activities:

The well plugging and abandonment procedures shall be as stringent as those identified in the application material, entitled "*Power Resources dba Cameco Resources Application for Modifications and Renewal Wyoming Underground Injection Control Permit No. UIC 98-001*" Exhibit 14 received January 14, 2009 also know as 09-054.

In no case shall the abandonment procedure be less stringent than required by the EPA nationwide for Class I non-hazardous waste wells at the time of abandonment.

These wells shall be properly plugged and abandoned within six (6) months of the expiration date of the permit unless the permittee has applied for and received a new permit. During the life of this permit, these wells shall be considered temporarily abandoned any time there has been no injection for six full months during the period of this period. If a well is temporarily abandoned during this period, the operator may retain it in this status so long as all monitoring equipment is maintained in working order and all pumps are also maintained. During the period of temporary abandonment, all reports shall be filed as for an active well, but monitoring of the injected fluid is waived. Should the operator remove any of the required equipment from service, other than for maintenance, then the wells shall be permanently abandoned within six months of that time.

Within thirty (30) days after plugging and abandonment of any wells covered by this permit, the permittee shall submit a plugging and abandonment report, detailing the compliance with the compliance and abandonment procedures outlined in the original permit application, and describing any deviation from the original plan. The abandonment shall include surface reclamation and seeding of the well site, closure of surge pods, and drainage and plugging of associated underground piping.

O. 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.

Monitoring results shall be reported at the intervals specified elsewhere in this permit.

P. Financial Responsibility

The permittee is required to maintain financial responsibility and resources in a form approved by the director, to close, plug and abandon the discharge operation, and reclaim the surface facilities in a manner prescribed by the director. For SRHUP#6, the permittee has provided an auto-renewing letter of credit (#S736180) from BNP Paribas New York Branch dated April 6, 2007 in the amount of 32 million. For Morton No. 1-20, Vollman No. 33-27, and SRHUP#9, the permittee has provided an auto-renewing letter of credit (#BMCH255381OS) from the Bank of Montreal in the amount of 48 million dollars. The permittee shall maintain the above instruments or replacement instruments for the duration of this permit and until all post-closure requirements have been satisfied.

Q. Special Permit Conditions

In addition to the conditions required of all permits, the Administrator has established conditions as required for monitoring, schedules of compliance, and such additional conditions as are necessary to prevent the migration of fluids into underground sources of drinking water. These conditions are established in conformance with Chapter 13, Section 9(e).

The SRHUP#7, SRHUP#8 and SRHUP#10 may only be constructed upon permittee's receipt of DEQ's written acceptance of financial assurance for each well.

R. 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.

S. 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 13 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.

T. 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, and 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.

U. Property Rights

This permit does not convey any property rights 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.

V. 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.

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

KDF/bb/9-0900



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

October 8, 2009

Mr. Angelo Kallas, Manager
Environment, Health and Safety
Cameco Resources
PO Box 1210
Glenrock, WY 82637

**RE: UIC Permit 09-054, Smith Ranch Highland Uranium Project
Class I injection permit, Converse County, WY**

Dear Mr. Kallas:

Attached please find one copy of the Class I permit for the above-mentioned facility. This permit contains numerous requirements and conditions that Cameco must comply with. In addition, the permit requires reporting on a quarterly basis within thirty (30) days of the end of each calendar quarter, an annual pressure falloff report at the end of each year, and a mechanical integrity test once every five (5) years. The corresponding report forms can be filled out using our on-line webform (Monitor Reports Link), or one may have the lab submit them using EQUIS Electronic Data Deliverable (EDD) at the following site: <https://gem.trihydro.com>

The underground injection control program was promulgated to prevent serious problems caused by direct discharges to the groundwater. Those problems included groundwater pollution leading to contamination in domestic water wells and serious health affects caused by exposures to toxic substances and water borne pathogens. Your cooperation with our program is sincerely appreciated.

If you have any questions, please do not hesitate to contact me at (307) 777-5985.

Sincerely,

Kevin Frederick, P.G., Manager
Ground Water Section
Water Quality Division

KDF/bb/9-0900

Enclosure: UIC Class I Permit

cc: Gene George, Gene R. George & Associates, Inc., 111 West Second St., Suite 400
Casper, WY 82602

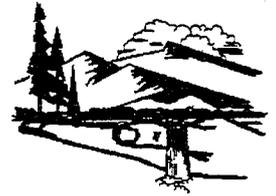
Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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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

March 12, 2009

Mike Nelson, Green River Public Works Director
50 E 2nd N
Green River, WY 82901

RE: City of Green River - Waterline for Horse Stables 09-055, NW1/4 Sec 26 T18N R107W,
Sweetwater County

Dear Mr. Nelson:

The above application for coverage under General Permits to Construct an extension to a public water service distribution system consisting of 575 linear feet of 8 inch PVC for a future service connection to a horse stable facility to be constructed 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. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permits. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at :

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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
Gareth Powell, Uinta Engineering & Surveying, 2638 Commercial Way, Rock Springs, WY
82901



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PWS WY5601115

PERMIT NO. 09-056RR

Shoshoni Sewer Replacement Phase 1

This permit hereby authorizes the applicant:

Jay D. Merrin, Mayor
Town of Shoshoni
212 Idaho Street
Shoshoni, WY 82649

to replace approximately 863 linear feet of 8" sanitary sewer main, and five (5) sanitary sewer manholes; according to the procedures and conditions of the application number 09-056. The facility is located in the town of Shoshoni, within the Northeast 1/4 of the Northeast 1/4 of Section 28, and in the Southeast 1/4 of the Northwest 1/4 of Section 27 in Township 38N Range 94W, in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 1, 2014.

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.

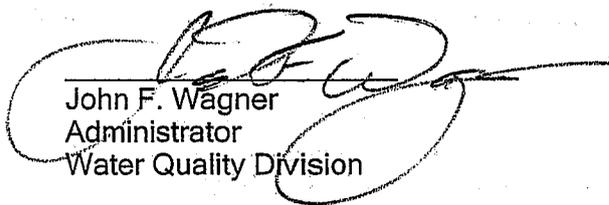
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not

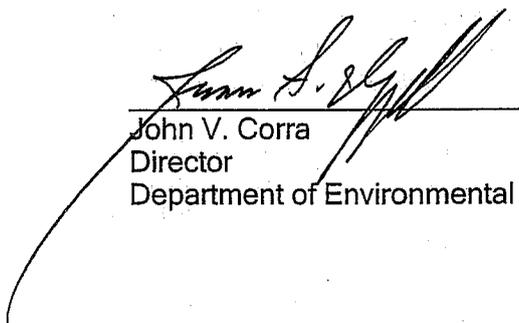
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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 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

2-26-09
Date of Issuance

HES/rm/9-0151

STATEMENT OF BASIS

1. Permit Number: 09-056RR
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?

No.

A variance was requested from Chapter 11, Section 9 (c)(i)(C) which requires a minimum slope of 0.004 ft/ft for 8-inch pipe. A variance from this regulation is granted based upon Policy 13.9.13. The construction of the proposed pipe will be installed at a 0.001 ft/ft slope. The construction of the proposed sewer line will satisfy Policy 13.9.13 by the following provisions:

1. Pipe constructed of either ASTM D3034 SDR 35 PVC pipe or epoxy lined ductile iron pipe (both will minimize required scouring velocity).
 2. The sewer grade will be established by a laser.
 3. The pipe will be bedded with Type 1 bedding material using Type A Trench Backfill methods or cement treated fill.
 4. The sewer line will be constructed under full time inspection.
 5. The Town has sent a letter stating their acceptance of the design.
4. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Sewerage systems are exempted from review by Chapter 3, Section 17.
 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 Hannes E. Stueckler, P.E., Assistant Northwest District Engineer hstuec@wyo.gov, and completed on February 9, 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."

Xc: Cooper Best, Baseline Engineering, 1536 Cole Boulevard, Golden, CO 80401

PERMIT TO CONSTRUCT

New
Renewal
Modified

Former Rock River Gas Plant Environmental Site Characterization

This permit hereby authorizes the applicant:

Marathon Oil Company
1230 Meadow Lane
Hillsdale, MI 49242

to construct, install or modify 15 groundwater monitoring wells according to the procedures and conditions of the application number 09-057. The facility is located in SE1/4 SE1/4 Section 34; T20N; R78W in the county of Carbon, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 2008.

The issuance of this permit confirms that the 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 the Wyoming 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 the 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 the DEQ 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 does not waive its sovereign immunity.

The permittee shall allow authorized representatives from the DEQ, Water Quality Division, 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.

The permittee shall notify representatives from the DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Groundwater Pollution Control Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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 10 The applicant will provide immediate oral or written notice to the DEQ/WQD Groundwater Pollution Control Office 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 10 No monitoring wells shall be abandoned without prior approval from the Water Quality Division. After the monitoring wells have fulfilled their purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with City and/or Highway Department requirements.
- 3 of 10 Final "As-Built" construction drawings shall be submitted for the 15 monitoring wells.
- 4 of 10 WDEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitoring wells and sample collection so that they may be on site if deemed necessary.
- 5 of 10 The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).
- 6 of 10 The results of any other analyses conducted on soil or water removed from monitoring wells or boreholes shall be provided to the department as soon as they are available.
- 7 of 10 Environmental Monitoring Program for Groundwater of the State:
 - a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity and performed in accordance with WDEQ or EPA approved Standard Procedures or Quality Assurance/Quality Control (QA/QC) Plan.
 - b. The permittee shall maintain records of all monitoring information for a period of at least 3 years.
 - c. Records of monitoring information shall include:
 - i. The date, exact place, and time of sampling or measurements;
 - ii. The name(s) of individual(s) who performed the sampling or measurements;
 - iii. The Mean Sea Level elevation of the water table to the closest .01 ft., and the depth to water (to the closest .01 ft.) from a marked measuring point at the top of casing;
 - iv. Sampling procedures and sample preservation accomplished;
 - v. The date(s) analyses were performed;
 - vi. Names of individuals who performed the analyses;
 - vii. The analytical techniques or methods used;
 - viii. The results of such analyses, and;

ix. Monitor wells shall be sampled and the groundwater analyzed as indicated on the following table:

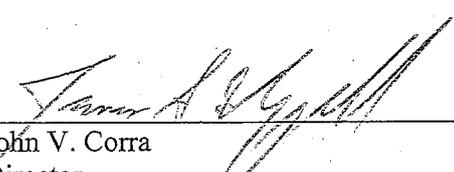
WELL NAME OR NUMBER	SAMPLING FREQUENCY	ANALYTICAL METHOD(S)	PARAMETER(S) ANALYZED	PERMIT LIMIT*
MW 1-15	Quarterly	8260, modified 8015B	Benzene Toluene Ethylbenzene Xylene TPH-GRO TPH-DRO	0.005 1.0 0.7 10 7.3 1.1

*Permit Limits (i.e. Groundwater Protection Standards) are only required for compliance monitoring wells. All chemical concentrations in this permit are expressed in $\mu\text{g/l}$ unless otherwise noted.

- 8 of 10 The results of these analyses shall be submitted to the Cheyenne office at the following address: Groundwater Pollution Control Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002 by the last day of the month following the end of each reporting period. The first set of results are due no later than January 31, 2009.
- 9 of 10 The issuance of WQDs Permit to Construct is contingent of WDEQ/AQD's continued approval of hydrocarbon emissions from the SVE/AS Systems based on quarterly monitoring.
- 10 of 10 If Marathon Oil Company proposes to vary the operation of the Systems, Marathon Oil Company shall submit a formal written request with supporting reasons to WQD.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

2-11-09
Date of Issuance

ADN/rm/9-0102

cc: Kevin Frederick, Jane Francis

REVIEW OF PROPOSALS/PLANS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
122 West 25th Street
Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Former Rock River Gas Plant Facility, Rock River, WY

APPLICANT: Marathon Petroleum LLC

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: ~~pending~~ 09-057

TITLE: Phase II Work Plan for Former Rock River Gas Plant Facility, Rock River, WY

PROPOSAL PLANS REPORT (Check each that applies)

DATE ON PROPOSAL/PLANS/REPORT: April 2008

REVIEWING OFFICIAL: Jane A. Francis

DATE OF THIS REVIEW: May 23, 2008

ACTION: This plan is acceptable in its current form.

GENERAL COMMENT

WDEQ agrees with the work proposed in this work plan. Please note that a permit-to-construct will need to be submitted for installation of monitoring wells.

End of Review

4. PHASE II SAMPLING AND ANALYSIS WORK PLAN

Groundwater Assessment

Surface water and ground water organics impacts above WDEQ MCLs consisted primarily of benzene, toluene, and DRO. These impacts were detected in two separate areas, likely having separate sources.

Inorganic ground water impacts above WDEQ MCLs appear to be dispersed across the northern and central regions of the site property and are mainly composed of arsenic, chromium, and lead with localized impacts of barium, selenium, and mercury.

Comparison of the August and October 2007 ground water data shows that, in general, the detected concentrations increased substantially in October compared to August. This increase in concentrations does not appear to correlate with a significant change in groundwater elevation or precipitation rates. Based on the wide variation in concentrations over the two sampling events and considering the potential affect they will have on various remedial options, ARCADIS recommends the completion of another sampling event of the existing monitor wells prior to installing new monitor wells as described below.

Several of the existing monitor wells are in poor to very poor condition. Following completion of sampling activities and final site characterization, ARCADIS recommends that these wells be plugged and abandoned.

Event 1

ARCADIS will collect ground water samples from the existing seven monitor wells (GW-01 through GW-07) for BTEX, TPH-GRO, TPH-DRO, the full list of volatile organic compounds (VOCs) using EPA Method 8260, semi-volatile organic compounds (SVOCs) including polycyclic aromatic hydrocarbons (PAHs) via EPA Method 8270, and both total and dissolved RCRA metals by EPA Method 6010. To collect the samples, ARCADIS will purge and sample the wells using the low flow method described in the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (EISOPQAM, November 2001) referenced by the WDEQ. Samplers will don new nitrile gloves for each sample to prevent cross contamination. The used PPE will be properly disposed after each sample is collected. The down-hole low flow pump will be decontaminated with an Alconox solution between each well and new tubing will be used for each sample. Samples will be collected in vials provided by the laboratory with the appropriate preservatives. Each sample container will be properly labeled with the sample ID, date and time of collection, and sampler's signature. Following collection, samples will immediately be placed on ice in an appropriate storage container. The appropriate chain of custody paperwork will be completed for each sample. Samples will be hand delivered to Energy Laboratories Inc. (ELI) in Casper, Wyoming.

Event 2

Following the receipt and evaluation of the newly collected data, and assuming the results are

similar to the most recent data collected in October 2007, ARCADIS recommends the installation of additional monitor wells at the site using the hollow stem auger (with continuous samples) or equivalent method. All well borings will be logged and sampled. For the well installations, ARCADIS recommends clearing selected areas of the site with thick vegetation using a Bush Hog[®] and hand tools as necessary. Also, a backhoe may be required to make some locations accessible to the drill rig (i.e. berms may have to be taken down). In addition, a water-knife/vac-truck contractor may be required to safely clear certain areas due to potential buried lines that cannot be located with any certainty.

The monitor wells will be screened from approximately 2 feet below ground surface to total depth of the producing alluvial aquifer with 0.010-inch slotted PVC screen surrounded by a silica sandpack filter, bentonite surface seal, and Type I/II cement grout. Well installation diagrams will be completed for each monitoring well. All cuttings will be placed into steel drums for offsite disposal at an approved landfill. Following the installation/development of the wells, ARCADIS will sample the wells for selected contaminants of concern (COC) based on exceedances previously identified in each area of study. Samplers will don new nitrile gloves for each sample to prevent cross contamination. The used PPE will be properly disposed after each sample is collected. The down-hole low flow pump will be decontaminated with an Alconox solution between each well and new tubing will be used for each sample. Samples will be collected in vials provided by the laboratory with the appropriate preservatives. Each sample container will be properly labeled with the sample ID, date and time of collection, and sampler's signature. Following collection, samples will immediately be placed on ice in an appropriate storage container. The appropriate chain of custody paperwork will be completed for each sample. Samples will be hand delivered to ELI in Casper, Wyoming.

In the northeast portion of the site, ARCADIS recommends the installation of four monitor wells to determine the existence of a source area near the old flare stack (a possible buried pit) and to delineate the extent of benzene and DRO detected in the ground water at GW-01. To determine the possibility of multiple source areas and to delineate the horizontal and vertical extent of benzene and DRO in the northern portion of the site, ARCADIS recommends the installation of three monitor wells. To evaluate the upgradient, naturally occurring metals concentrations in the ground water at the site, ARCADIS recommends installing two monitor wells. Additionally, ARCADIS recommends the installation of six monitor wells across the central portion of the site, from east to west, to determine the possible contribution of site contamination from the current operator's ongoing operations. Overall, fifteen new monitor wells are recommended for full site characterization. A figure showing the existing and proposed monitor well locations is included in Appendix 3.

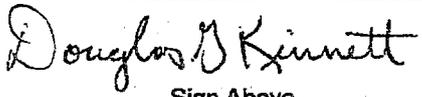
Following installation of the monitor wells, ARCADIS will have the top-of-casing elevations and ground level elevations surveyed in with the RTK survey-grade GPS so that the ground water gradient of the site can be adequately determined.

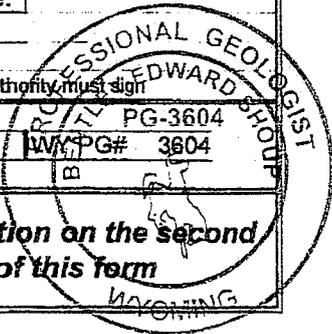
APPENDIX 3 MONITOR WELLS



09-057

FEB 1 2006

WYOMING WATER QUALITY APPLICATION FORM		WQD USE ONLY	
Use for Construction, Groundwater Monitoring, Groundwater Remediation, Subdivisions and Land Application of Wastewater		APP. NO.	
		DATE	
		PROG.	
A complete application package must include three copies of each of the following: Application Form; at least one copy must have original signatures. Investigations, design reports, plans, specifications, and any other information as appropriate.			
Submit to appropriate office		http://deq.state.wy.us/wqd/www/district_Map.jpg	
DEQ/Water Quality Division, 122 West 25th Street, Cheyenne, WY 82002		(307) 777-7781	
DEQ/Water Quality Division, 510 Meadowview Drive, Lander, WY 82520		(307) 332-3144	
DEQ/Water Quality Division, 1866 South Sheridan, Sheridan, WY 82801		(307) 673-9337	
DEQ/Water Quality Division, 152 North Durbin Street, Ste 100, Casper, WY 82601		(307) 473-3465	
NAME OF PROPOSAL			
Former Rock River Gas Plant Environmental Site Characterization			
DESCRIPTION OF PROJECT			
Installation of 15 ground water monitoring wells to characterize subsurface soil conditions and ground water conditions, mapping of ground water gradient and delineation of contaminated zones.			
LOCATION:	County: Carbon	Latitude: 41.6569	Long.: 106.1391
Legal Description (1/4 Section, Section, Township and Range or Lot No. and Subdivision)			
SESE Section 34, T20N, R78W			
SIGNATURES:		All undersigned agree to comply with applicable Wyoming Statutes and Regulations and to allow the activities described in this application.	
Real Estate Owner		The real estate owner or the grantee of the applicable easement must sign this form	
Marathon Oil Company			
 Sign Above		Address: 1230 meadow Lane	
		City: Hillsdale	
Printed Name: Douglas G. Kinnett		State: MI	
		ZIP Code: 49242	
Title: Sr. Environmental Engineer		Phone Number: 517-439-0937	
If the owner or easement grantee is a public entity, partnership, or corporation, a legally binding authority must sign			
Operator or Developer		(If same as real estate owner this space may be left blank)	
Same as above			
Sign Above		Address:	
		City:	
Printed Name:		State:	
		ZIP Code:	
Title:		Phone Number:	
If the operator or developer is a public entity, partnership, or corporation, a legally binding authority must sign			
Engineer or Geologist			
Printed Name: Ben Shoup		WY P.E.#	
Firm Name: ARCADIS U.S., Inc.		PG-3604	
Address: 189 N Cedar Street		WY PG# 3604	
City: Buffalo			
State WY		Zip Code: 82834	
Phone Number: 307-684-5891			
Please complete information on the second page or the back of this form			



WYOMING DEQ/WQD <http://deq.state.wy.us/wqd/index.asp> Phone 307-777-7781

The Wyoming Environmental Quality Act, W.S. 35-11-101 and Wyoming Environmental Quality Act, Article 3, W.S. 35-11-301 mandates that permits are required for construction or modification of public water supplies, wastewater facilities, land application systems, and confined swine feeding operations. W.S. 18-5-306 requires the review of the safety and adequacy of proposed sewage systems and water systems in new subdivisions by the Department of Environmental Quality.

All Wyoming Water Quality Regulations are available at <http://deq.state.wy.us/wqd/WQDrules/index.asp>

Chapter 3 of the Wyoming Water Quality Division Rules and Regulations defines the permitting process.

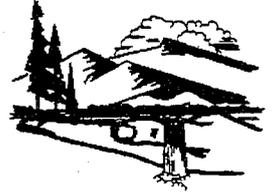
Specific chapters of the Wyoming Water Quality Rules and Regulations have been developed for each of the areas that require a permit. The regulatory chapters for types of projects that this application is to be used for are listed below. Please check all that apply to your project.

X	11	Design and Construction Standards for Sewerage Systems, Treatment Works, Disposal System of other Facilities Capable of Causing or Contributing to Pollution, includes septic tanks/leach fields, monitoring wells, and road application of wastewater
	12	Design and Construction Standards for Public Water Supplies, includes subdivision water supplies and water line extensions
	21	Standards for the Reuse of Treated Wastewater
	23	Minimum Standards for Subdivision Applications
	Other	Describe briefly

Previous or Associated State of Wyoming Permits	
WQD Permit to Construct	
WQD Subdivision Recommendation to County	
Air Quality	
Land Quality	
Oil and Gas Commission	
Solid and Hazardous Waste	
State Engineers Surface Water Right or Well Permit	
WQD Underground Injection Control	
WYPDES (discharge permit)	
US EPA Public Water Supply (PWS) Number	



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 4, 2009

William B. Resor, Manager
Four Shadows LLC
5700 Snake River Ranch Road
Wilson, WY 83014

RE: Granite Loop Road Realignment and Infrastructure Improvements. DEQ Permit #09-058R, E 1/2 and SE1/4 of lots 3 & 4, and SE 1/4 of the NE 1/4 of Section 24, T42N, R117W, 6th PM

Dear Mr. Resor:

This project involves the installation of approximately 1900 linear feet of 12 inch ductile iron water main and approximately 1800 feet of 8 inch PVC sewer main. The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Parts A, B and D; 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 Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,

Hannes E. Stueckler
Assistant Northwest District Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Jorgensen Associates, P.C., P.O. Box 9550, Jackson, WY, 83002

encl: General Permit for an Existing Sewer Collection System, General Permit for Public Water Supply Distribution 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 332-7726



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 09-059R

Reference Permit WYPDES NO. WY0052311

Reference Permit 04-429RR & 05-579RRR

Sublette County -Wyoming Lodge- Sand Draw Industrial Park Subdivision-Wastewater Facility Retrofit
PWS # WY5601584

This permit hereby authorizes the applicant:

Kenneth Wagg
PTI Environmental
3790 98th Street Northwest
Edmonton, Alberta T6E6B4

to retrofit an existing wastewater treatment system (Unit 30029) to serve a 200 person mancamp, consisting of a micron rotary screen, centrifugal pumps, inline screens and membrane filter modules according to the procedures and conditions of the application number 09-059R. The facility is located at SW 1/4, Section 32, T31N, R107W in the county of Sublette, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 19, 2011.

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.

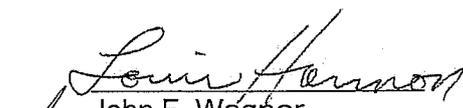
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

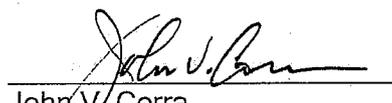
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 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

3/20/09
Date of Issuance

MDB/rm/9-0222

STATEMENT OF BASIS

1. Permit Number: 09-059R
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?
No. Chapter 11 does not cover the proposed package treatment plant. The manufacture has indicated that there are 34 package treatment plant units of this type in use. Data has been submitted that indicates that the WYPDES Permit limits can be met.
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.

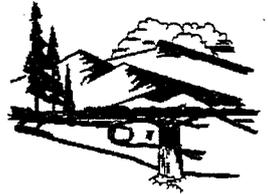
CERTIFICATION

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, mbaron@state.wy.us, Southwest District Engineer and completed on March 19, 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."

cc: Robert E. Johnson, P.E., P.O. Box 1616, Pinedale, Wyoming 82941
Brian Lovett, WDEQ/WQD, Cheyenne



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 17, 2009

Milton Meier, Mayor
Town of Byron
P.O. Box 126
Byron, WY 82412

RE: Replacement of 140 feet of 10-inch Sanitary Sewer, DEQ Permit #09-060, NW 1/4, Section 35, R97W, T56N, Fremont County

Dear Mayor Meier:

This project involves the replacement of approximately 140 linear feet of 10-inch clay sewer pipe with 10-inch PVC water sewer pipe. Replacement section will tie in to existing clay pipe on the upper end, and tie into an existing manhole on the lower end of the section. The section of pipe is located on East Riverview Avenue, Byron, Wyoming, as indicated in the attached plan drawings. The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Section 9 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 Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,

Hannes E. Stueckler
Assistant Northwest District Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Heather Christensen, GDA Engineers, P.O. Box 338, Cody, WY 82414

encl: General Permit for an Existing Sewer 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
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FAX 332-7726





Department of Environmental Quality



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John Corra, Director

NOTIFICATION OF COVERAGE

March 27, 2009

Paul D. Kauchich, Director of Engineering
City of Rock Springs
212 D Street
Rock Springs, WY 82901

RE: City of Rock Springs - Gateway Tank Water Transmission Line Realignment 09-061R,
Lat 41.5885, Long 109.2388, Sweetwater County

Dear Mr. Nelson:

The above application for coverage under General Permits to Construct a modification to a public water service distribution system consisting of 1936 linear feet of 12 inch PVC to replace, realign, and upgrade a 8 inch line to be constructed 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. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permits. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

PDF: Cheyenne
Philip Gyr, Nelson Engineering, PO Box 1599, Jackson, WY 83001

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ABANDONED MINES
(307) 332-5085
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FAX 332-7726

WATER QUALITY
(307) 332-3144
FAX 332-7726



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 09-062

REFERENCE PERMIT NO. 78-335, 99-020

FAIRWAY ESTATES CHLORINATION SYSTEM
PWS WY56600918

This permit hereby authorizes the applicant:

Fairway Estates
71 Fairway Drive
Douglas, WY 82633

to construct, install or modify a chlorine disinfection system according to the procedures and conditions of the application number 09-062. The facility is located in NW1/4 Section 22 T32N R71W; Converse County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed February 24, 2011.

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.

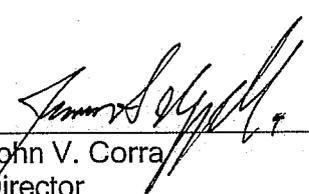
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 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 307-777-7075, FAX 307-777-7610, 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. The chlorine disinfection system must be operated continuously to satisfy the requirements of the EPA Administrative Order dated December 18, 2008.
- 3 An operation and maintenance manual for the water system must be submitted to the Southeast District Engineer of the Water Quality Division for approval. The operation and maintenance manual for the water system should meet the requirements of Section 16, Chapter 12, Wyoming Water Quality Rules and Regulations.
- 4 A new tank lid will be installed at the same time the chlorine disinfection system is installed.
- 5 The Southeast District Engineer of the Water Quality Division will be notified in advance when the tank will be cleaned.
- 6 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.
- 7 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 2-26-09

RRC/rm/9-0146

STATEMENT OF BASIS

1. Permit Number: 09-062
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.
Public water supplies are exempted from review by Chapter 3, Section 17.
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 Richard Cripe P.E., Southeast District E



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

May 18, 2009

Scott Jeffress
P.O. Box 3919
Gillette, WY 82717

RE: Jeffress, LLC Small Commercial Wastewater System, Campbell County
2906 Hackathorne Lane, Gillette, WY; Permit # 09-063

Dear Mr. Jeffress:

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. The General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage,

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Additionally, the following permit conditions apply:

1. Cleanouts are required every 100 feet and at all changes in direction 22.5 degrees and greater, both horizontal and vertical. This requirement includes both the pipeline from the house to the septic tank and from the septic tank to the leachfield.
2. Either a 6-inch diameter clean-out riser or a manway from each compartment of the septic tank must be extended to the ground surface from all septic tanks.

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.

Sincerely,

Suzanne Pagorek
WDEQ/WQD

cc: IPS, Cheyenne
WYDEQ File
Keith Bowar, Campbell County, 500 S. Gillette Ave, Ste 1500, Gillette, WY 82716
Brent Thumma, 8500 Whitetail Ct., Gillette, WY 82718

SOLID & HAZARDOUS WASTE DIVISION
(307) 473-3450
Fax: (307) 473-3458

AIR QUALITY DIVISION
(307) 473-3455
Fax: (307) 473-3458

WATER QUALITY DIVISION
(307) 473-3465
Fax: (307) 473-3458





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

September 2, 2009

Fred D. Tschetter, Mayor
City of Sundance, WY
P.O. Box 542
Sundance, WY 82729

RE: City of Sundance Water and Sewer Improvements, 2009, WDEQ #09-064,
City of Sundance, WY, *Creek County, 514 T 51, R. 63, 5E.*

Dear Mr. Tschetter:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations and for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Sewage Collection Systems in accordance with Chapter 3 and Chapter 11 of the Wyoming Water Quality Rules and Regulations is hereby approved. You are authorized to construct, install or modify the facility(ies) in accordance with the general permits and the materials submitted in your application package. The General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage,

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

If you have any questions, please contact me at 307-473-3478.

Sincerely,

Karen L. Farley
Karen L. Farley, P.E.

WDEQ/WQD, Northeast District Supervisor

Enclosures: Certificate of Completion

cc: Ralph W. Goodson, P.E., Bearlodge Limited, Inc., P.O. Box 130, Sundance, WY 82729
WDEQ File, IPS (Cheyenne)

SOLID & HAZARDOUS WASTE DIVISION
(307) 473-3450
Fax: (307) 473-3458

AIR QUALITY DIVISION
(307) 473-3455
Fax: (307) 473-3458

WATER QUALITY DIVISION
(307) 473-3465
Fax: (307) 473-3458





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

April 16, 2009

Richard Rich, Chairman
Salt Creek Water District
P.O. Box 847
Newcastle, WY 82701

RE: Salt Creek Water Meters, WDEQ #09-065, Weston County

Dear Mr. Rich:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations is hereby approved. You are authorized to construct, install or modify the facility(ies) 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 307-473-3478.

Sincerely,

Karen L. Farley, P.E.
WDEQ/WQD
Northeast District Supervisor

Enclosures: General Permit, Certificate of Completion

CC: Ed Nowak, P.E., Camp Creek Engineering, 410 E. Grand Ave., Suite 205, Laramie, WY 82070
WDEQ File
IPS (Cheyenne)

Sec 35 T 45 A 61

SOLID & HAZARDOUS WASTE DIVISION
(307) 473-3450
Fax: (307) 473-3458

AIR QUALITY DIVISION
(307) 473-3455
Fax: (307) 473-3458

WATER QUALITY DIVISION
(307) 473-3465
Fax: (307) 473-3458





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 4, 2009

Mr. Bob Willard
Town of Yoder
P.O. Box 158
Yoder, WY 82244

RE: Yoder Main Street Improvement 2009,
Application No. **09-066**, Goshen County

Dear Mr. Willard:

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 or Existing Sewage Collection Systems described as remove and replace fire hydrants, valves, waterlines and meter pits, Section 34 T23N R62W; Goshen 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 March 4, 2011.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **09-066** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/9-0165

cc: IPS, Cheyenne
Rachelle Thompson, BenchMark of Torrington, P.O. Box 99, Torrington, WY 82240

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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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

February 13, 2009

Randall W. Maxey
Devon Energy Production Company, L.P.
20 North Broadway
Oklahoma City, OK 73102-8260

RE: Pump Station #3, West Pine Tree Unit Solution Grade Gypsum Pilot Project
Permit No. 09-067

Dear Mr. Maxey:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Pilot Project in accordance with Section 5, Chapter 11, 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.

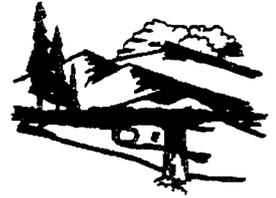
The following items need to be submitted to WDEQ/WQD CBM Group:

- a. Date that the construction of the treatment facility will begin;
- b. Certification the construction of the treatment facility was done in accordance with the terms and conditions of the permit; or
Certification the construction of the treatment facility was completed with changes or modifications.
- c. A monthly report including on-site and lab analytical data relating to the facility's performance for meeting the discharge requirements (influent and effluent pH and barium), treatment/discharge volumes, gypsum dosing rates, any problems with the system and what has been done to correct them, or a notification that the plant has not been operating;





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

May 28, 2009

Richard Elliot, Public Works Director
P.O. Box C
Laramie, WY 82073

RE: **Application Withdrawn Number: 09-068**
Action: Application Returned-Does not comply with Chapter 3 & 11, Sections 9 & 10

Facility: Banner Road Sanitary Sewer Outfall

Location: Albany County

Dear Mr. Elliot:

Thank you for the letter for the Banner Road Sanitary Sewer Outfall. It was timely as I needed to resolve the status of the application 09-068. We appreciate your cooperation in this matter to address the items of concern.

At the request of the City of Laramie the application is being returned without action (application withdrawn.) The withdrawal of the application does not eliminate the option of the City of Laramie to resubmit this application at some point in the future. Before the Banner Road Sanitary Sewer Outfall can be connected to the sewer system the existing pipe size adjacent to the lift station as well as modifications to the lift station need to be addressed. Once these items are addressed in an application for a permit to construct and are latter approved, this application can be resubmitted for approval.

If you should have any questions, please contact Richard Cripe at either (307) 777-7075 or rcripe@wyo.gov.

Sincerely;

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/9-0449

Enclosures: Application Package 09-068

cc: IPS
Michelle Sell, Trihydro Corporation, 1252 Commerce Drive, Laramie, WY 82070

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 09-069

State Fairgrounds Lower Campground Upgrade

This permit hereby authorizes the applicant:

Wyoming Department of Administration and Information Construction Management

to construct, install or modify campsite water and sewer lines and a sewage lift station according to the procedures and conditions of the application number 09-069. The facility is located in SE 1/4 Section 8 T32N R71W; Converse County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed May 10, 2012.

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.

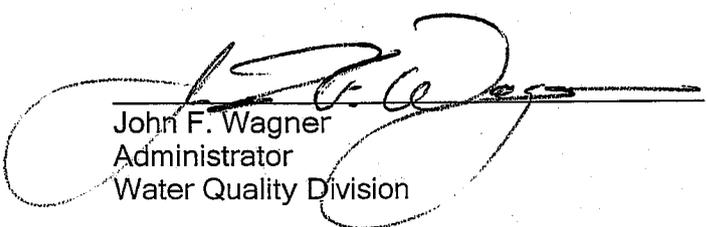
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 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.

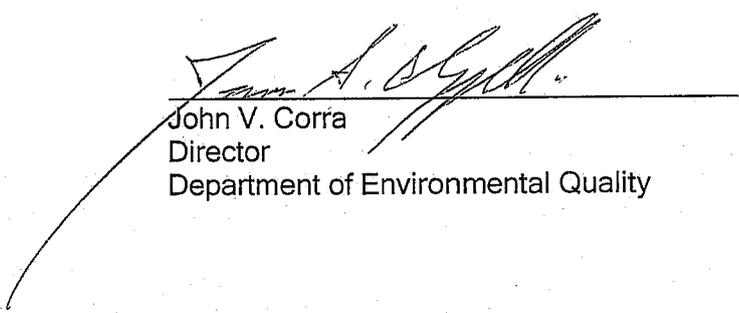
- 2 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate 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 4-1-09

LBH/rm/9-0256

STATEMENT OF BASIS

1. Permit Number: **09-069**

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

 Chapters 3, 11, 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 March 30, 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."



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

April 17, 2009

Gerald Fink
County Commissioner
Johnson County Road and Bridge
310 Railroad Avenue
Buffalo, WY 82834

RE: Johnson County Fairgrounds Waterline Project, WDEQ #09-070, Johnson County, SE/NW
Sec 26, T51N, R82W

Dear Mr. Fink:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations is hereby approved. You are authorized to construct, install or modify the facility(ies) 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 307-473-3478.

Sincerely,

Karen L. Farley

Karen L. Farley, P.E.
Northeast District Supervisor
Water Quality Division

Enclosures: General Permit
Certificate of Completion

cc: Jack Morey, Jr., P.E., JLM Engineering, Inc., 117 S. Main Street, Buffalo, WY 82834
Les Hook, City of Buffalo, 46 North Main, Buffalo, WY 82834
Colin Betzler, City Planner, 46 North Main, Buffalo, WY 82834
WDEQ File
IPS (Cheyenne)



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 09-071

REFERENCE PERMIT NO. N/A

McIntosh No. 2
Public Water Supply Well for the McIntosh RV Park

This permit hereby authorizes the applicant:

Olin McIntosh
P.O. Box 104
Rozet, WY 82727

to drill, construct, develop and test the McIntosh No. 2 - Public Water Supply Well for the McIntosh RV Park, according to the procedures and conditions of the application number **09-071**. The facility is located in the SE ¼ SW ¼ of Section 32, Township 50 North, Range 69 West, of the Sixth P.M., Campbell County, 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 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.

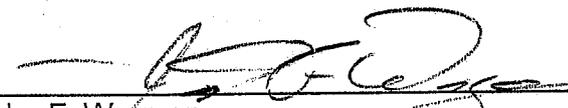
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

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

3/6/09

Date of Issuance

KLF/rm/9-0181

cc: Ralph W. Goodson, P.E., Bearlodge Ltd. Inc., P.O. Box 130, Sundance, WY 82729

STATEMENT OF BASIS

1. Permit Number: **09-071**
2. Application reviewed for compliance with the following applicable regulations :
Chapter 3 and 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.

N/A
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 March 6, 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."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 09-072

REFERENCE PERMIT NO. 09-119

Lance-Fox Hills #2 Water Supply Well

This permit hereby authorizes the applicant:

Basin Electric Power Cooperative
Dry Fork Station
12460 North Hwy 59
Gillette, WY 82716

to drill, construct, develop and test the Lance-Fox Hills #2 Water Supply Well, according to the procedures and conditions of the application number 09-072. The facility is located in the SE ¼, NW ¼, Section 29, Township 51 North, Range 71 West, Campbell County, Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 2009.

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.

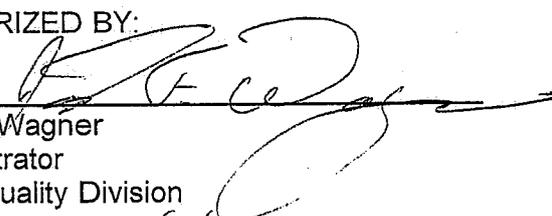
- a. Date that construction of the facility was completed; and
- b. Date that the facility was placed in operation; and
- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. 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".

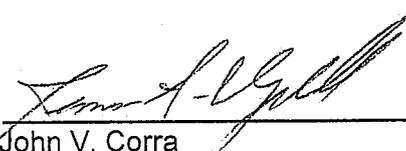
4 of 5 Disinfection in accordance with Chapter 12, Section 9(b)(A)(II) shall be performed.

5 of 5 The applicant will perform yield and drawdown tests in accordance with Chapte 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

10/2/09

Date of Issuance

KLF/rm/9-0867

cc: Michael J. Evers, P.G., WWC Engineering, 1849 Terra Avenue, Sheridan, WY 82801

STATEMENT OF BASIS

1. Permit Number: **09-072**
2. Application reviewed for compliance with the following applicable regulations :
Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?

NO – see below

The permit approval is based upon a deviation from applicable regulations in accordance with Section 5 of Chapter 12.
4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.
 - a. The permit includes approval to deviate from the following regulatory requirements:

Chapter 12 Section 9 (b)(C)(IV)(1.) requires “Cement conforming to ASTM Standard C15 and water, with not more than 6 gallons of water per sack of cement, must be used for 2 inch openings.” The use of a light cement mix that has been already evaluated by this department and approved for use in previous public water supply wells and also approved for use by the Wyoming Oil and Gas Commission will be allowed.
 - b. Briefly state the basis for the deviation.

The light cement is requested due to the considerable depth of the well and the desire to reduce the hydrostatic pressure on the cement column. A cement bond log will be required. Well construction methods will consist of pressure grouting in combination with centralizers spaced at regular intervals.
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 October 1, 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."



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

March 5, 2009

Dossie Overfield, Manager
Northwest Rural Water District
P.O. Box 2347
Cody, WY 82414

RE: NRWD-WYDOT TW Relocation - Heart Mountain Service Area, DEQ Permit #09-073, Sections 1 and 12, T53N, R101W; and Section 36, T54N, R101W, Park County

Dear Ms. Overfield:

This project involves the replacement of approximately 7500 linear feet of 4-inch waterline along Highway 14a, Northeast of Cody. The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; 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.

The General Permit for the Authorization to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems can be found on the internet at :

http://deq.state.wy.us/wqd/www/Permitting/Downloads/General%20Permits/GP_Water_Dist.pdf

If you have any questions, please contact Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,

Hannes E. Stueckler
Assistant Northwest District Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Robert A. Overfield, Engineering Associates, P.O. Box 1900, Cody, Wyoming 82414

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





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

April 1, 2009

Dubois Telephone Exchange, Inc.
Attn: Paul Glenn, Operations Manager
P.O. Box 246
Dubois, Wyoming 82513

RE: DTE Employee Housing Baggs – Septic System,
Location: SE¼, Section 32, T13N, R91W,

Application No. **09-074**
Carbon County

Dear Mr. Glenn:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **mobile home** 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 reporting requirements* contained in the attached "CERTIFICATION of COMPLETION" form. Additionally, the following project specific conditions also apply:

1. Septic Tank Requirement - A septic tank that has been specifically approved for use in Wyoming **SHALL be installed** in this project.
2. 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.
3. Polyethylene Septic Tank Installation Requirements - If a polyethylene septic tank is selected to meet requirement #1 above then; to ensure structural integrity, the **manufacturer's instructions** regarding bedding the tank and filling the tank with water during burial **must be followed during installation**. Additionally, immediately after clean-outs, the tank must be refilled with water according to the manufacturer's instructions to maintain structural integrity.

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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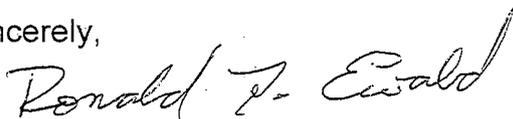


- 4 Leachbed 1/2 inch feeder line requirements - The 1/2" diameter pipes connecting the 3" header pipe to the individual 3" perforated pipe leachbed distribution lines **shall provide sufficient pressure head when flowing to fill and pressurize the entire 3" diameter solid header pipe.** If a short length of straight 1/2" pipe upstream of the 1/2 inch valves is insufficient to create the needed pressure head, then additional resistance may need to be added, such as looping the pipe in a square with elbows to add extra pipe length and corner losses. As a suggestion, see sketch included on page 2 of the drawings. Do not make the pipe any smaller than 1/2".

The approval granted under this Notification Of Coverage and the General Permit shall expire on April 1, 2011. Please reference Application Number **09-074** in any future correspondence.

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

Sincerely,



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

- * to see the entire "General Permit" for Small Wastewater Facilities go to the DEQ Home page at: <http://deq.state.wy.us/> and **click on** Water Quality on the left side of the page, and then under WQD PROGRAMS,
- **Click on** the Water & Wastewater Program bullet, and then
 - under Engineering & Technical Services scroll down to
 - General Permits, and **click on** Small Wastewater Systems.

OR – Go directly to:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp , and under Item #1. Small wastewater facilities, **click on** the "LINK TO PDF".

RLE/rm/9-0261

Enclosures: Certificate of Completion

cc: IPS, Cheyenne
James A. O Neil II, Lidstone & Associates, Inc., 4025 Automation Way, Bldg. E,
Fort Collins, Colorado 80525
Kristy Rowan, Carbon County Planning Office, 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: DTE Baggs Employee Housing, Septic System

LOCATION: Lat:41.0516° Long:107.655°, Sec. 32, T13N, R91W, **Carbon County**

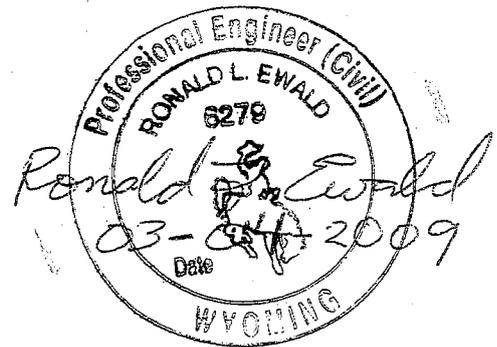
ENGINEER: James A. O'Neill II
Lidstone & Associates, Inc.
4025 Automation Way, Bldg. E
Fort Collins, CO 80525
Ph: (970) 223-4705

APPLICANT: Dubois Telephone Exchange, Inc.
Attn. Paul Glenn, Operations Manager
P.O. Box 74
Dubois, Wyoming 82513
Ph: (307) 455-2341

WATER QUALITY DIVISION REFERENCE #: 09-074

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

DATE OF REVIEW: March 3, 2009



ACTION: **NOT AUTHORIZED FOR CONSTRUCTION.** In accordance with Section 14 (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 9. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Design Flow - the design flow proposed in the application is 50 gallons per person per day (gpcpd) for trailer park residents as cited in a reference. However, the DEQ/ Water Quality Division(WQD) Rules & Regulations(WQR&R) specify a design flow of 350 gpd for any individual mobile home. Unless an acceptable reason is provided, along with the reference, explaining why the WQD should grant this design variance, then the 350 gpd design flow shall be used.

2. Bed Layering Design Unacceptable - the bottom layer of the mounded bed is indicated to be a 10" layer of "plowed existing surface soil". Whereas it will be necessary to dig out and remove the sod, roots, and organic material from beneath the footprint of the mounded bed, this mater and soil cannot be plowed in place – it must be removed. If plowed soil is left under the leachfield rock it will compact and significantly shrink in volume as it gets saturated. This shrinkage will result in uneven settling of the rock and drain pipe above to a point where there will be so many high and low spots throughout the leachfield that even and equal distribution of the effluent will be impossible. The washed rock must be placed directly on the undisturbed soil at the bottom of the leachfield excavation.
3. Washed Rock Required - washed rock of a size from ½" to 2½" is required. What size is the washed gravel proposed in the application?
4. Insufficient Pressure Dose System Details Provided - very little detail about the actual pressure dosing part of this system is provided in the application. Section 40 of the WQR&R entitled "Dosing Systems Following Septic Tanks" describes the requirements for the pump tank size, different float level settings, the pump size and capacity, installation & removal access, electrical controls, pressure transfer pipe, and so on. The application must address and provide details concerning these requirements.
5. Leachfield Header Pipe Layout and Distribution Piping Layout - the leachfield header pipe and distribution piping appears to be designed for gravity flow. If so, the header pipe design is No Good at all. There is no way that 5 lines connected at right angles to a single header pipe, with the center line being a straight shot through from the dose tank feeder line will get equal shares(20% each) of the effluent flow. Probably the center line will get most of the flow(maybe 60 to 70%) and the two outside lines will get most of what is left, simply because of the conservation of momentum.

Either the leachfield piping needs to be a fully pressurized system (difficult to do with 4" diameter pipes), or a different method of distributing the effluent relatively equally needs to be proposed.

6. Infiltrative Surface Areas to be Recalculated - both the stone/fill interface surface area and the fill/native soil infiltrative surface interface areas need to be recalculated using the 350gpd design flow (or other approved design flow rate). Details and requirements for sizing and shaping a mound for a "Mounded System" are in Section 41.(c) of the WQR&R entitled "Special requirements for mounded systems."



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

May 4, 2009

James Jordan
534 Union Chapel Road
Gillette, WY 82718

RE: Jordan Replacement Mounded Small Wastewater System, Campbell County
Permit # 09-075

Dear Mr. Jordan:

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.**

In addition, the following permit conditions apply:

The design engineer must inspect the system prior to covering up the components to verify that the system in its entirety has been constructed as designed. The design engineer must also be on-site during start-up. Record drawings must be submitted along with the Certificate of Completion to this office within 60 days of completion of the project.

If you have any questions, please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3478. Thank you.

Sincerely,

Karen L. Farley, P.E.
Northeast District Engineer
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: Keith Bowar, Campbell County Planning, 500 South Gillette Ave., Suite 1500, Gillette, WY 82716
Brent Thumma, Brent Thumma, PE, LLC, 8500 Whitetail Ct., Gillette, WY 82718
WYDEQ File, IPS





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 16, 2009

Moniz & Moniz, LLC
Bret Moniz
51 Bridle Bit Road
Laramie, WY 82072

RE: Extension to City of Laramie - Water and Sewer - Pine Street,
Application No. **09-079**, Albany County

Dear Mr. Moniz:

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 or Existing Sewage Collection Systems described as installation of approximately 620 ft of 8 inch SDR 35 PVC sanitary sewer, install a new manhole, installation of approximately 220 ft of 10 inch Class 200 PVC water line, SE ¼ Section 29, T16N R 73W; Albany 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 March 16, 2011.

This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path: http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp. Please reference Application No. **09-079** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/9-0202

Enclosure: Certificate of Completion

cc: IPS, Cheyenne

John Galbreath, Coffey Engineers & Surveying, 903 E. Grand Ave., Laramie, WY 82070

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 09-080

REFERENCE PERMITS NO. 95-062R

Construction Modifications to the Dixon Water Treatment Plant
PWS WY5600059

This permit hereby authorizes the applicant:

Town OF Dixon
975 4th Street
Dixon, WY 82323

to construct, install or modify an installation of a packaged membrane plant and pretreatment for the system according to the procedures and conditions of the application number 09-080. The facility is located in NE ¼ SW ¼ AND NW ¼ SE ¼ Section 5 T12N R90W; Carbon County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed July 24, 2011.

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.

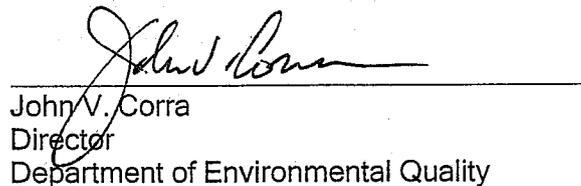
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 A draft operation and maintenance manual for the membrane plant and pretreatment of the Water Treatment Plant must be submitted at 50 percent completion of construction to the Southeast District Engineer of the Water Quality Division for approval. Approval of the final operation and maintenance manual is required prior to completion of construction.
- 4 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 7/29/09

RRC/rm/9-0641

STATEMENT OF BASIS

1. Permit Number: **09-080**
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. The permit approval is based upon a deviation from applicable regulations in accordance with Section 5. of Chapter 12.
 - a. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
Chapter 12. Section 5 allows approval of technologies demonstrated by pilot plant operations. The use of Memcor membrane technology to treat the Dixon raw water was successfully demonstrated under Notification of Coverage 07-231.
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.
Public water supplies are exempted from review by Chapter 3, Section 17.
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 Richard Cripe, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on July 24, 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."



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

April 15, 2009

Mike Cole, P.E.
City of Sheridan
P.O. Box 848
Sheridan, WY 82801

RE: 2009 Huntington Area Project, WDEQ #09-081,
City of Sheridan, WY

Dear Mike:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations is hereby approved. You are authorized to construct, install or modify the facility(ies) 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 307-473-3478.

Sincerely,

Karen L. Farley, P.E.
WDEQ/WQD
Northeast District Supervisor

Enclosures: General Permit, Certificate of Completion

cc: Michael W. Evans, P.E., EnTech, Inc. Professional Engineers,
1949 Sugarland Drive, Suite 205, Sheridan, WY 82801
Chris Knodel, City of Sheridan
WDEQ File
IPS (Cheyenne)





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

April 17, 2009

Jack Walts, Public Works Director
Town of Evansville
235 Curtis Street
Evansville, WY 82636

RE: Third Street Water System Improvements, Town of Evansville, WDEQ #09-082,
Natrona County

Dear Mr. Walts:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations, and General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Sewage Collection Systems in accordance with Chapter 3 and Chapter 11 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(ies) 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.

Your attention is directed to the mandatory reporting requirements outlined in Part V. Section O. of the attached General Permit. In part, you are required to notify this office prior to commencement of construction.

In addition, the following permit conditions apply:

- 1) Any excavated areas encountered that exhibit staining or odors indicative of hydrocarbon contamination must be reported immediately to the Wyoming Department of Environmental Quality at 307-473-3478 for evaluation. The use of ductile iron pipe with nitrile gaskets will be required if hydrocarbon contamination is present.

SOLID & HAZARDOUS WASTE DIVISION
(307) 473-3450
Fax: (307) 473-3458

AIR QUALITY DIVISION
(307) 473-3455
Fax: (307) 473-3458

WATER QUALITY DIVISION
(307) 473-3465
Fax: (307) 473-3458



If you have any questions, please contact me at 307-473-3478.

Sincerely,

Karen L. Farley

Karen L. Farley, P.E.
WDEQ/WQD Northeast District Supervisor

Enclosures: General Permit
Certificate of Completion

cc: Jason L. Meyers, P.E., WLC, 200 Pronghorn, Casper, WY 82601
WDEQ File, IPS (Cheyenne)

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Herschler Building 4 West
Cheyenne, Wyoming 82002

PROJECT: Burnett Land and Livestock LTD Dairy and Feedlot Expansion

ENGINEER: Roger Sterling

APPLICANT: Burnett Land and Livestock LTD, Jeff Burnett, Owner

WATER QUALITY DIVISION REFERENCE NUMBER: 09-083

REVIEWING ENGINEER: Louis B. Harmon

DATE OF REVIEW: March 27, 2009



ACTION: NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 9 (a)(ii), Chapter 3, 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 said Section 9. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Wyoming Department of Environmental Quality / Water Quality Division (WQD) rules and regulations Chapter 11, Section 6 requires an engineering design report. An engineering design report was not included with the application package received by WQD. Some elements of the design report prepared for permit 05-239 are still applicable and may be included as part of permit application 09-083.
2. The design report should address the potential for impact to the groundwater from the increased scope of the operations as required by WQD Chapter 3, Section 17. Specifically the need for additional monitoring wells and the test results from the existing monitoring wells should be evaluated.

3. There are no specifications included either as separate pages or on the face of the drawings. Detailed specifications for the content of the clay liners and the testing of the clay liners need to be provided.
4. Erosion of the soil lining and clay liners remains a concern.
5. The settling basins are not lined. A clay soil liner of the settling basins will not be resistant to being compromised during scheduled solids removal.
6. Only one copy of the plans were received. Three copies of the engineering design report, plans and specifications are required.

LBH/rm/9-0253

cc: Lindsay Sartorius
AGPRO LLC
4350 Highway 66
Longmont CO 80504



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

March 12, 2009

City of Rawlins
Duane Stolns, Public Works Director
P.O. Box 953
Rawlins, WY 82301

RE: City of Rawlins 2009 Water, Sewer and Street Improvement Project,
Application No. **09-084**, Carbon County

Dear Mr. Stolns:

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 or Existing Sewage Collection Systems described as replacement of approximately 830 ft of sanitary sewer main, installing new manholes, replacement of approximately 2700 ft water main, Section 16, Section 17, Section 19 and Section 20, T21N R 87W; Carbon 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 March 12, 2011.

This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path: http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp. Please reference Application No. **09-084** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/9-0199

Enclosure: Certificate of Completion

cc: IPS, Cheyenne
Seth Tourney, PMPC, 118 E. Bridge Street, Saratoga, WY 82331

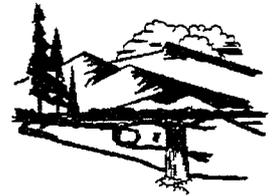
Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 16, 2009

Bart Grant, Town Administrator
Town of Lovell
P.O. Box 188
Lovell, WY 82431

RE: Legacy Home Development Water and Sewer System. DEQ Permit #09-085R, Big Horn County, Lot 64, Sec 15 Resurvey, T56N, R96W, 6th PM

Dear Mr. Grant:

This project consists of the installation of approximately 1950 linear feet of 6 inch PVC water main, including 3 fire hydrants and 18 service connections for a 14 lot subdivision. The project also includes approximately 1400 feet of 8 inch PVC sewer main, including 5 manholes and 18 service connections to extend the existing sewer system of the Town of Lovell to service the new Legacy Home Development. The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Parts A and B; 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.

The text of the General Permit for an Existing Sewer Collection System, and General Permit for Public Water Supply Distribution Systems is available online at the following location:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

If you have any questions, please contact Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,

Hannes E. Stueckler
Assistant Northwest District Engineer
Water Quality Division

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

xc: IPS, Cheyenne
William E. Bridges, Pryor Mountain Engineering, P.O. Box 671, Cowley, WY, 82420

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



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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: 2009 Glenrock Level III Water Project

LOCATION: SW¼, Section 9, T32N, R76W, **Converse County**

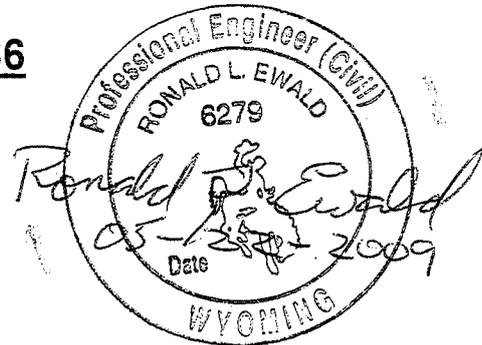
ENGINEER: Thomas J. Brauer
Civil Engineering Professionals, Inc.
6080 Enterprise Drive
Casper, Wyoming 82609
Ph: (307) 266-4346

APPLICANT: Town of Glenrock
Attn. Steve Cielinski, Mayor
P.O. Box 417
Glenrock, Wyoming 82637
Ph: (307) 436-9294

WATER QUALITY DIVISION REFERENCE #: 09-086

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

DATE OF REVIEW: May 22, 2009



ACTION: **NOT AUTHORIZED FOR CONSTRUCTION.** In accordance with Section 14 (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 9. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Engineering Design Report(EDR) Incomplete - the EDR submitted (cover letter) does not explain enough of what is going on with this project. What is the purpose or need for removing and abandoning the old PRV and installing a new one to replace it? What is the old PRV not accomplishing that the new one will solve? For example, it is OK to reference the final Glenrock Level II Well and Tank Feasibility Study; however some of the highlights of the study should be included in this EDR. Information such as the sustainable well production rates in gpm and gpd for Wells No.5 & No.7, needed chlorination rates and why, the depth of the installation of the pump in Well No.7, and the total dynamic head required to lift the water up and out of the well, and the make and model of pump to be installed are just a few examples of information that should be included.
2. Inconsistencies between PRV Removal Plan Views, PRV Relocation Plan Views, and Well 7 Site Piping Plan Views - when looking at these three plan views there seems to be no consistency as to which direction a particular pipe is running (north/south or east/west), or if they are straight runs or have bends in them. Also, the relative position(spacing or parallel/not parallel) of one line to another seems to be inconsistent between drawings. The three plan views do not have enough common fixed landmarks(at least 2 per sheet) to orient them to each other. Fixed landmarks such as any well location, a surge tank, pump house or meter vault that is to continue to be used, and so on.
3. Create Singular Site Plans of both the "Old" and "New" Layouts showing the Whole Project Area with Common Features and Structures - Please create two site plans; one of the existing equipment and piping layout, and a second one of the proposed revised site plan with the new equipment to be installed & old equipment removed and the new piping layout. Common features, landmarks, equipment, and structures should be highlighted. These plan views do not need to include elevation views or any other unnecessary distractions on the plans, but should be large enough to include the entire project area, or at least the areas contained on sheets 4, 5, 6, and 7. It would be suggested to put each site plan on an 11" by 17" sheet covering the exact same surface area so that they correspond exactly to each other. Also, please indicate the flow directions in the pipes with small directional arrows.



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 21, 2009

Town of Glenrock
Attn: Steve Cielinski, Mayor
P.O. Box 417
Glenrock, Wyoming 82637

RE: 2009 Glenrock Level III Water Project,
Location: SW¼, Section 9, T32N, R76W,

Application No. **09-086**
Converse County

Dear Mayor Cielinski:

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 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, 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. 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.

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH
(307) 777-7937
FAX 777-3610

ABANDONED MINES
(307) 777-6145
FAX 777-6462

AIR QUALITY
(307) 777-7391
FAX 777-5616

INDUSTRIAL SITING
(307) 777-7369
FAX 777-5973

LAND QUALITY
(307) 777-7756
FAX 777-5864

SOLID & HAZ. WASTE
(307) 777-7752
FAX 777-5973

WATER QUALITY
(307) 777-7781
FAX 777-5973



- c. Water mains greater than 12 inches in diameter shall be 100% remote video inspected after completion before first charging with water. If objects greater than 2" in diameter are found, they shall be mechanically removed before water is introduced. If flushing velocities greater than 5 feet per second cannot be achieved, the lines shall be 100% remote video inspected after flushing. Any remaining debris must be removed before the line can be disinfected or placed into service.

The approval granted under this Notification Of Coverage and the General Permit shall expire on August 21, 2011. Please reference Application Number **09-086** in any future correspondence.

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

Sincerely,



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

RLE/rm/9-0744

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

cc: IPS, Cheyenne
Thomas J. Bauer, Civil Engineering Professionals, Inc., 6080 Enterprise Drive,
Casper, Wyoming 82609



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

April 3, 2009

Andy Schwartz, Chair
Teton County Commission
P. O. Box 3594
Jackson, WY 83001

RE: Lot 12 Valley View Subdivision, Teton County, WDEQ Application #09-087

Dear Mr. Schwartz:

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).

Summary of Proposed Subdivision

The project proposes to re-plat the existing 2 acre tract (Lot 12) in size into 3 commercial lots. The final disposition of the proposed lots (15-17) will be as follows: (2) lots 0.5 acres in size and (1) lot 1.0 acre in size. The project is located in a portion of the SE¼SE¼; § 17; T.40 N., R.116 W. (6th P.M.)

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

The two of the proposed lots will share a common leachfield and third lot in the south half will have its own leachfield. The consultant demonstrated that elevated nitrate levels should not be an issue from the proposed leachfields. The two-year pathogen travel distance indicated that pathogen could potential migrate below the down gradient lot boundaries. However, given the local geology with sixty feet of unsaturated soil, it was determined that the proposed enhanced treatment could be replaced with a pressure dosed septic system. A pressure dosed system increases the natural treatment effectiveness in the subsurface.

Since Teton County has been delegated the authority to issue small wastewater system permits, it is the county's responsibility to ensure that all permit requirements and design standards will be met. For pressure dosed systems, it is recommended that Teton County involve DEQ during the permit approval process. The pressure dosed systems must be designed by a licensed Wyoming professional engineer.

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

The proposed subdivision will be served by Valley View Mutual Water Company (VVMWC). The existing water system is comprised of a supply well, 150,000-gallon storage tank, a booster pump system, and a distribution system containing 8-inch water lines. This water system was previously demonstrated in 2005 as having adequate capacity to serve the proposed development. The 2005 report identified the

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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



need to develop a second water source in order to have a reliable back-up. This is currently being pursued with VVMWC applying for a DEQ permit to drill a new public water supply well.

Conclusion(s):

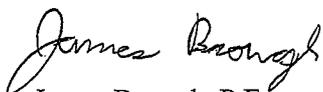
The Department of Environmental Quality has "no adverse" recommendations on this proposed subdivision. DEQ recommends that the following notations be added to the final plat: 1) A recorded easement and maintenance agreement will be required for leachfields shared by two or more lots, and 2) All septic system permits shall anticipate a joint review between Teton County and DEQ to ensure that non-domestic septic waste is not generated and that the design of a pressurized system is reviewed by a licensed engineer.

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 feel free to contact either Jim O'Connor at 307-335-6942 or James Brough at 307-335-6961 if you have any questions.

Sincerely,



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



Jim O'Connor, P.G.
Geological Project Analyst
Water Quality Division

cc: Phil Gyr, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001
Ray Shriver, Teton County Engineering Department, P.O. Box 3594, Jackson, WY 83001
DEQ Subdivision File

IFS

F:\DIVISION\WQD\W&WW Section\Subdivisions\NW Subdivision Reviews\Teton\Valley View Business Park\Lot 12\09-087 Lot 12, Valley View.doc



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 6, 2009

Mr. Herman Noe
Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne WY 82003

RE: Candlewood Subdivision- Water and Sewer Extensions,
Application No. **09-088**, Laramie County

Dear Mr. Noe:

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 or Existing Sewage Collection Systems described as installation of approximately 300 ft of 8 inch SDR 35 PVC sanitary sewer, install two new manhole, install two new fire hydrants, installation of approximately 540 ft of 8 inch PVC C-900 water line, NW ¼ Section 19, T14N R 66W; 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 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 March 6, 2011.

This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path: http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp. Please reference Application No. **09-088** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/9-0182

Enclosure: Certificate of Completion

cc: IPS, Cheyenne

Lawrence Gallagher, Summit Engineering, 5907 Townsend Place, Cheyenne, WY 82009

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REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Austin Residential Septic System

LOCATION: NW¼, Section 31, T18N, R83W, **Carbon County**
Lot 6, Block 2, Mountain View Estates #1 Subdivision

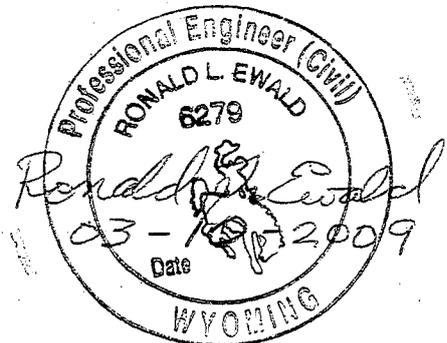
INSTALLER: Jerry Fluty, Valley Construction
P.O. Box 1396
Saratoga, Wyoming 82331
Ph: (307) 321-1658 or, 326-8738

APPLICANT: Kristy Austin
P.O. Box 304
Saratoga, Wyoming 82331
Ph: (307) 321-0505

WATER QUALITY DIVISION REFERENCE #: 09-090

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

DATE OF REVIEW: March 10, 2009



ACTION: **NOT AUTHORIZED FOR CONSTRUCTION.** In accordance with Section 14 (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 9. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Percolation Test Results Unacceptable and Unusable - the percolation(perc) test results are unacceptable and unusable for several reasons. First, the results make no sense because the water level drop values do not correspond in any way to the difference between the before and after water levels in the test hole, other than the first water level drop which are strangely correct each time. After the first water level drop the values make no sense. See copy of perc test data sheet attached.

Next, however you are calculating the perc rate for each test hole (even from the no good data), it is incorrect and inconsistent. The perc rate for each test hole should be the time interval (ti) divided by the "last" water level drop. Therefore the perc rate for test hole #1 would be 15min/1½ inch = 10 minutes per inch(mpi), not 15mpi as your data sheet indicates. Test hole #2 would be 15min/1inch = 15mpi, not 7.5mpi, and so on.

And lastly, the test data sheet indicates that the test holes were all approximately 18 inches deep, whereas the "Two Trench Chambered Leachfield" detail sheet indicates that the trenches are planned to be put in at approximately 60 inches deep. Perc tests must be run at about the same depth as the planned trench depths. Therefore, if 5 foot deep trenches are planned the perk tests must be run at about 5 feet deep. If 4 foot deep trenches are planned, then the perc test holes need only be 4 feet deep, and so on.

The percolation tests must be rerun at the correct depth, the water level drops calculated correctly, and the individual perc test hole perc rates calculated correctly. After all of this is done the minimum required infiltrative surface area will need to be recalculated as well as the minimum leachfield size. To assist you with getting all of the steps of a properly conducted percolation test accomplished, perc test instructions, example data sheets, and blank data sheets are included for your use. Please use the prepared data sheets for your rerun perc test data.

2. Loading Rate Factor used to calculate minimum infiltrative surface area - to obtain the correct "Loading Rate Factor" use the **LOADING RATE TABLE** on the back of the perc test data sheet. After determining the correct perc rate from the perc tests, find this value in mpi in the left hand column and read across to the right hand column to get the Loading Rate Factor(LRF). The LRF is then used in Section D on page 3 of the worksheets to calculate the minimum required infiltrative surface area.
3. Make and Model of Leachfield Chambers to be used is Inconsistent - on page 5 of the worksheets and the "Two Trench Chambered leachfield" detail sheet it is indicated that Hancor brand – Pro ARC Standard Unit model chambers are to be used for this project. In fact, Pro ARC Standard units are used to calculate the size of the leachfield on page 5 of the worksheets. However, then on the Site Plan, "4foot Standard Infiltrator" chambers are indicated. The chamber units planned to

be used for this project need to be consistent throughout the application. You certainly can't use one type to calculate the leachfield size and then switch over to another type without showing the size calculations for these units. Please make the application package consistent.

RLE/rm/9-0195

Enclosures: Percolation Test package
Copy of original percolation test data as "No Good" example
New blank worksheets and detail sheets as needed



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

Certified: 7007 1490 0004 8013 0943

October 21, 2009

Kristy Austin
P.O. Box 304
Saratoga, Wyoming 82331

RE: **Inactive Application Number 09-090 / Action: Application Returned-Non Response**

Facility: Austin Residential Septic System,
Location: NW¼, Section 31, T18N, R83W, Carbon County
Lot 6, Block 2, Mountain View Estates #1 Subdivision

Dear Ms. Austin:

Your application, number 09-090, for a residential on-site septic system is considered inactive. It has been over 6 months since the Wyoming Department of Environmental Quality / Water Quality Division (WQD) sent out review comments dated March 10, 2009, 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, incorrect calculations, or was incomplete. Chapter 3, Section 9(a)(ii) of the Water Quality Rules and Regulations states the following:

Incomplete applications will be processed in the following manner:

- 1) Additional information shall be requested in detail or the application may be returned to the applicant. Incomplete permit applications will result in permit denial;
- 2) 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;

Since it has been over 7 months since the review comments were sent, and in accordance with item 2) above, **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.

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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
Consulting Engineer
SE District, Water Quality Division

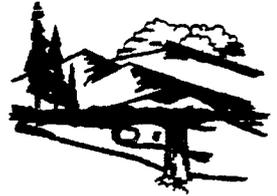
RLE/rm/9-0939

cc: IPS
Kristy Rowan, Carbon County Planning Office, Carbon Building, 215 West Buffalo
Street, Suite 336, Rawlins, Wyoming 82301
Southeast District, WQD: Inactive Application Returned file

Enclosures: Unapproved application package No. 09-090
Copy of review comments dated March 10, 2009



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 9, 2009

Rod Vineyard
543 North County Line Road
Chugwater, Wyoming 82210

RE: Vineyard Ranch Residential Septic System,
Location: SW¼ NE¼, Section 4, T21N, R65W,

Application No. **09-091**
Platte County

Dear Mr. Vineyard:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **2 bedroom** house 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 reporting requirements* contained in the attached "CERTIFICATION of COMPLETION" form. Additionally, the following project specific conditions also apply:

1. Leachfield Header Pipe Layout Requirement - the leachfield header pipe (where the effluent line from the septic tank splits into two lines, one for each trench) shall NOT be installed as shown on the site plan submittal. Rather, the **leachfield header pipe SHALL BE INSTALLED** with an elbow in the effluent line from the septic tank leading into a "tee" fitting placed perpendicular to the incoming flow to split the effluent flow into two equal flow streams. See correct header pipe layout sketch on "Site Plan" detail sheet.
2. 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.
3. Polyethylene Septic Tank Installation Requirements - To ensure structural integrity, the **manufacturer's instructions** regarding bedding the tank and filling the tank with water during burial **must be followed during installation**. Additionally, immediately after clean-outs, the tank must be refilled with water according to the manufacturer's instructions to maintain structural integrity.

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The approval granted under this Notification Of Coverage and the General Permit shall expire on March 9, 2011. Please reference Application Number 09-091 in any future correspondence.

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

Sincerely,



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

- * to see the entire "General Permit" for Small Wastewater Facilities go to the DEQ Home page at: <http://deq.state.wy.us/> and **click on** Water Quality on the left side of the page, and then under WQD PROGRAMS,
 - **Click on** the Water & Wastewater Program bullet, and then
 - under Engineering & Technical Services scroll down to
 - General Permits, and **click on** Small Wastewater Systems.

OR – Go directly to:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp , and under Item #1. Small wastewater facilities, **click on** the "LINK TO PDF".

RLE/rm/9-0192

Enclosures: Certificate of Completion

cc: IPS, Cheyenne
Platte County Planner, Marlin Johnson, P.O. Box 728, Wheatland, Wyoming 82201

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 09-092

Triangle X Ranch Well Drilling & Development
PWS #WY5680110

This permit hereby authorizes the applicant:

Thayne O'Brien
National Park Service, Grand Teton National Park
P.O. Box 170
Moose, WY 83012

to drill, construct, develop and test a new water supply well; according to the procedures and conditions of the application number 09-092. The facility is located about 6 miles South by Southwest of Moran along Highway 191, and is within NE ¼, SW ¼, Section 20, T44N, R114W 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, 2012.

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.

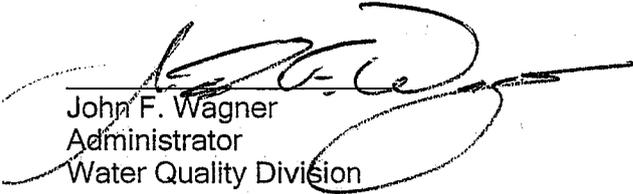
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

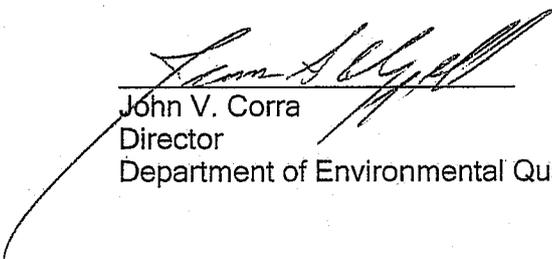
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 4 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 consistent with the terms and conditions of this permit.
- 2 of 4 A Chapter 3 Permit to Construction Application along with plans and technical specifications for the equipping of the well and other construction such as installation of discharge piping, construction of a well house, disinfection, etc. must be submitted to the Wyoming Department of Environmental Quality. A Permit to Construct must be obtained prior to construction of the aforementioned items.
- 3 of 4 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.
- 4 of 4 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

4-2-09
Date of Issuance

HES/rm/9-0259

STATEMENT OF BASIS

1. Permit Number: 09-092
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. However, subsequent plans and specifications must be submitted for the equipping of the well and other construction such as installation of discharge piping, construction of a well house, disinfection, etc.
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.
Public water supply wells are exempted from review by Chapter 3, Section 17
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 Hannes Stueckler, hstuec@wyo.gov and James S. Brough, jbroug@wyo.gov, Northwest District Engineers and completed on March 31, 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."

cc: Jeff Allen, National Park Service, Grand Teton National Park, P.O. Box 170, Moose, WY, 83012
Robert Wemple, P.E., P.O. Box 9607, Jackson, WY 82609

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 09-093R

Greybull Water Transmission Pipeline Upgrades

This permit hereby authorizes the applicant:

Frank Houk, Mayor
Town of Greybull
P.O. Box 271
Greybull, WY 82426

to install a submersible pump in Shell Well #3 to increase the artesian flow from 125 to 450 gpm during the summer months, install new chlorine disinfection systems at Shell Well #3 and the Trapper Creek Well Control building, upgrade multiple pressure sustaining/reducing stations, and install SCADA to automatically control pressures and flow control valves; according to the procedures and conditions of the application number 09-093R. The facility is located between Greybull and Shell at 44 degrees 48 minutes north and 108 degrees 05 minutes west in the county of Big Horn, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 1, 2012.

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.

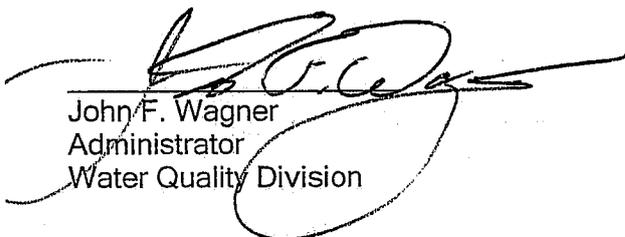
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

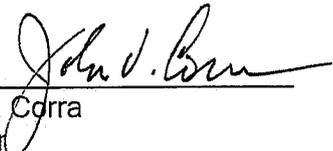
- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 510 Meadowview Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11,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

4/29/09
Date of Issuance

JSB/rm/9-0347

STATEMENT OF BASIS

1. Permit Number: 09-093R
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. 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.
Public water systems are exempted from review by Chapter 3, Section 17
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

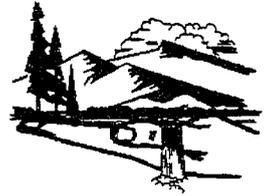
CERTIFICATION

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, jamesbrough@wyo.gov, Northwest District Engineer and completed on April 27, 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."

cc: Travis Conklin, P.E. Engineering Associates, P.O. Box 1900, Cody, WY 82414



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 19, 2009

John T. Clemons
P.O. Box 2317
St. George, UT 84771

RE: Salt River Ranch Lot 16 Wastewater System, Permit Number 09-094, SW1/4SE1/4 Section 35, T34N, R119W, Lincoln County

Dear Mr. Clemons:

The above application for coverage under General Permits to Construct a small wastewater system consisting of a 1000 gallon septic tank and mounded leachfield to serve a private residence in the Salt River Ranch Subdivision of Lincoln County in accordance with Chapter 3 Section 7 and Chapter 11 Part D 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. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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
Ryan J. Erickson, Sunrise Engineering, Inc. PO Box 609, Afton, WY 83110
John Woodward, Lincoln County Planning Office

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

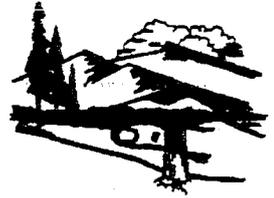
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

WATER QUALITY
(307) 332-3144
FAX 332-7726





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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 9, 2009

Ryan Grabow
P.O. Box 122
Saratoga, Wyoming 82331

RE: Grabow Residential Septic System, Application No. **09-095**
Location: NW¼, Section 21, T16N, R83W, Carbon County
Lot 3, Block 5, Cow Creek Station Subdivision

Dear Mr. Grabow:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **4 bedroom** house 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 reporting requirements* contained in the attached "CERTIFICATION of COMPLETION" form.

The approval granted under this Notification Of Coverage and the General Permit shall expire on March 6, 2011. Please reference Application Number **09-095** in any future correspondence.

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

Sincerely,

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

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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- * To see the entire "General Permit" for Small Wastewater Facilities go to the DEQ Home Page at: <http://deq.state.wy.us/> and **click on** Water Quality on the left side of the page, and then under WQD PROGRAMS,
- **Click on** the Water & Wastewater Program bullet, and then
 - under Engineering & Technical Services scroll down to
 - General Permits, and **click on** Small Wastewater Systems,

OR - Go directly to:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp , and under Item #1. Small wastewater facilities, **click on** the "LINK TO PDF".

RLE/rm/9-0187

Enclosures: Certificate of Completion

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



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE for AS-BUILT SEPTIC SYSTEM

May 12, 2009

Vernon Willis
257 Cumberland Road
Wheatland, WY 82201

RE: Vernon Willis AS-BUILT Residential Septic System, Application No. **09-096**
Location: SE¼, Section 11, T27N, R69W, Platte County

Dear Mr. Willis:

The above application for coverage under General Permit(see links to General Permit requirements below at **"***") to Construct, Install, Modify or Operate a Small Wastewater Facility for a **2 bedroom** house in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. This Notification of Coverage is issued in response to your submission and completion of information in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, and an on-site investigation and evaluation of the septic system site conducted by Mr. Ronald Ewald of the Water Quality Division April 15, 2009.

The information submitted and the on-site evaluation by Mr. Ewald generally indicates that this previously unpermitted subsurface construction does meet DEQ/WQD governing regulations Small Wastewater Systems, and this As-Built "Notification of Coverage" is hereby issued.

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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If you have any further questions, you may contact Mr. Ewald at (307) 777-6183.

Sincerely,



Rich Cripe
Southeast District Engineer, Water & Wastewater Section
DEQ / Water Quality Division

- * to see the entire "General Permit" for Small Wastewater Facilities go to the DEQ Home page at: <http://deq.state.wy.us/> and **click on** Water Quality on the left side of the page, and then under WQD PROGRAMS,
- **Click on** the Water & Wastewater Program bullet, and then
- under Engineering & Technical Services scroll down to
- General Permits, and **click on** Small Wastewater Systems.

OR – Go directly to:

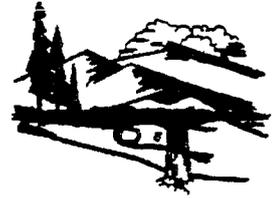
http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp , and under Item #1. Small wastewater facilities, **click on** the "LINK TO PDF".

RRC/RLE/rm/9-0387

cc: IPS, Cheyenne
Platte County Planner, Marlin Johnson, P.O. Box 728, Wheatland, Wyoming 82201



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

May 12, 2009

Vernon Willis
257 Cumberland Road
Wheatland, Wyoming 82201

RE: As-Built Permit To Construct, WQD Reference Number: **09-096**

Dear Mr. Willis:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application that you submitted. Our review of the information, as-constructed plans submitted to this office, and on-site investigation conducted by Mr. Ronald Ewald of the WQD on April 15, 2009 generally indicates that the previously unpermitted subsurface construction does meet DEQ/WQD governing regulations and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers the septic system from the septic tank through the effluent delivery pipe and ending with the single row chamber type leachfield.

If you should have any further questions, you may contact Mr. Ewald at (307) 777-6183.

Sincerely,

Rich Cripe, PE
Southeast District Engineer, Water & Wastewater Section
Department of Environmental Quality / Water Quality Division

RRC/rm/9-0387

Enclosure: As-Built Permit # 09-096

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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

April 20, 2009

Ken Schuricht
PO Box 758
Moorcroft, WY 82721

RE: Class I Injection Well Application – Langsdorf Federal No. 2, Permit Number 09-098

Dear Mr. Schuricht:

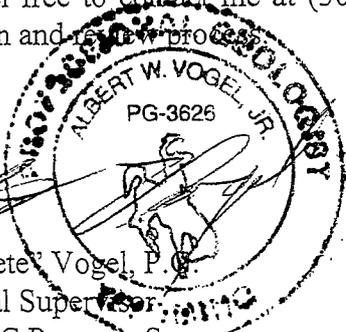
Attached are comments developed by the Wyoming Department of Environmental Quality (WDEQ) with respect to the content and adequacy of the Wyoming Water Quality Rules and Regulations, Chapter 13, Class I permit application.

The WDEQ received this application on March 5, 2009. Re-submittal of information by an applicant on an incomplete application will begin a new 60 day review process. Pursuant to Chapter 13, Section 6 (a)(b)(c), a completeness review shall be conducted within 60 days of submission. For an extremely incomplete application, additional information shall be requested in detail or the application will be returned.

Related to this application, I am returning the application as well as providing a detailed information request to submit a complete application. Resubmitting information will begin the 60 day review process and the denied status will be reconsidered. On determination that the application is complete, the administrator shall either prepare a draft permit for issuance or denial with the associated procedures or provide the applicant notice that the permit is deficient in the application.

Please feel free to contact me at (307) 777-8580 with any questions related to these comments or the application and review process.

Sincerely,



Albert "Pete" Vogel, P.E.
Geological Supervisor
Acting UIC Program Supervisor

AWV/bb/9-0318

Attachments: WDEQ Comments

cc: WDEQ UIC file

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

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**UNDERGROUND INJECTION CONTROL PROGRAM
REVIEW COMMENTS:
PLANS/SPECIFICATIONS/PROPOSALS/REPORTS**

***WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION***

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002
307-777-7781

PROJECT: Langsdorf Federal Number 2 - Permit Number 09-098

LOCATION: NENW Section 7, Township 50 North, Range 67 West

APPLICANT: Bowden Energy Company, Inc.
PO Box 70
Rozet, WY 82727

OWNER: Bowden Energy Company, Inc.
PO Box 70
Rozet, WY 82727

CONSULTANTS:

GEOLOGIST Bill Eucker, P.G.
Unknown address

ENGINEER Tom Doll, P.E.
PO Box 929
Evansville, WY 82636

TITLE: *"Permit Application Langsdorf Federal Number 2"*

PLANS SPECS PROPOSAL REPORT

DATE ON PROPOSAL/PLANS/REPORT: March 5, 2009

DATE RECEIVED BY WDEQ: March 5, 2009

WDEQ REVIEWER: Pete Vogel, P.G., Geological Supervisor

INITIAL REVIEW DATE: April 17, 2009

DATE OF THIS REVIEW: April 17, 2009

ACTION: Application Extremely Incomplete; See Attached Comments, Application returned to Ken Schuricht, PO Box 758, Moorcroft, WY, 82721

I. WDEQ Comments:

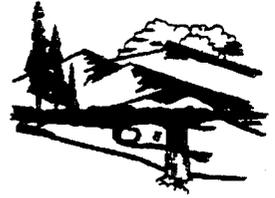
Specific Comments - Additional Information Required (Pete Vogel: 307-777-8580)

1. Please use the correct application form as found at the following link
<http://deq.state.wy.us/wqd/groundwater/uicprogram/index.asp>
2. Application is not stamped by Professional Engineer or by Professional Geologist
3. Please reorganize the application to coincide the permit application organization as found in Wyoming Water Quality Rules and Regulations (WWQRR), Chapter 13, Section 5.
4. Permit application section C, defines the groundwater as being Class VI. This determination will be made by the department.
5. Permit application section D. v., states that the facility is unnamed. The department cannot permit an unnamed facility. It is suggested that the applicant use the well name as the facility.
6. Permit application section D. ix. a. b. & c., provides water analysis outside the injection zone. Please provide an analysis using EPA method 624 as well as for the constituents listed in WWQRR, Chapter 8, Table I for the groundwater in the injection zone.
7. Permit application section D. ix. D., provides a partial injectate analysis. Please provide an analysis using EPA method 624 as well as for the constituents listed in Wyoming Water Quality Rules and Regulations (WWQRR), Chapter 8, Table I for the injectate.
8. Permit application section D. xv. c., is inadequate. A copy of a complete permit application is enclosed; this attached permit application has not been reviewed for other reasons but can serve as a guide to submit a complete application.
9. Permit application section D. ix. c. iii., refers to the permit application Section D. x. This section and supporting material fail to demonstrate that the injection zones are related and that a class VI groundwater designation is justified.
10. Please understand that the comments above are only to present a complete application. Additional comments may be forthcoming to address deficiencies in the revised application.

AWV/bb/9-0318



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 24, 2009

Roger Prenzlou
P.O. Box 707
Saratoga, WY 82331

RE: Old Baldy 9th Addition
Application No. **09-100**, Carbon County

Dear Mr. Prenzlou:

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 or Existing Sewage Collection Systems described as installation of approximately 2070 ft of 6 inch sanitary sewer, installation of approximately 2250 ft of 6 inch water line, N 1/2 Section 18, T17N R 83W; Carbon 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 April 24, 2011.

Future system improvements to the distribution system will require a permit. Basically, a permit will be required if fire protection is added to the system.

This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path: http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp. Please reference Application No. **09-100** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/9-0336

Enclosure: Certificate of Completion

cc: IPS, Cheyenne
Murray Schroeder, WWC Engineering, 611 Skyline Rd., Laramie, WY 82070

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