



Department of Environmental Quality



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

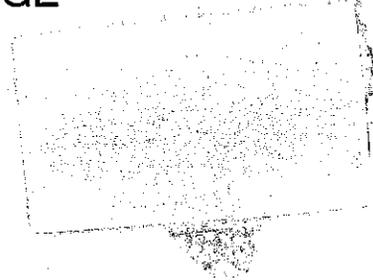
Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 9, 2011

Gerry Chase
Sublette County School District No. 9
P.O. Box 769
Big Piney, WY 83113



RE: Town of Big Piney - Recreation Center Fire Supply Service Line - Permit Number 11-051,
Lat: 42.5395, Long: -110.1158, Sublette County

Dear Mr. Chase:

The above application for coverage under General Permits to Construct the extension of a public water supply distribution system consisting of 30 linear feet of 4-inch PVC to serve a fire suppression system in accordance with Chapter 3 Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. 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,

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

David Dufault, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001
PDF to Cheyenne





Department of Environmental Quality

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Matthew H. Mead, Governor

John Corra, Director

March 24, 2011

Bill Carson
Stetson Engineering
PO Box 457
Gillette, WY 82717

RE: Return of Town of Moorcroft Wastewater Lagoon Dechlorination System
Permit Number: **11-053**

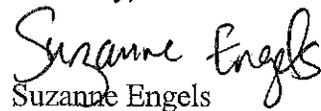
Dear Mr. Carson:

The Water and Wastewater Program received an application for a Permit to Construct on February 4, 2011, for the Town of Moorcroft (Town) wastewater lagoon dechlorination system. The Town proposed this treatment as a temporary solution to meet the wastewater treatment plant discharge permit limits. Further, in the long term, the Town is considering irrigating the Town parks and the cemetery with treated wastewater to reduce the amount of effluent discharged from the plant.

During a March 3, 2011, conference call with Town and DEQ representatives, long term options for the wastewater treatment plant were discussed such as, wastewater reuse within plant property and wastewater reuse in public areas. Based on this discussion, it was decided that the Town would not proceed with the proposed dechlorination system and would continue exploring long term solutions. Therefore, all of the submitted application materials are being returned.

If you have any questions, please contact me at (307)-777-6941.

Sincerely,


Suzanne Engels

SE/rm/11-0285

Enclosure: Town of Moorcroft Wastewater Lagoon Dechlorination System Application

cc: IPS (no encl)
WDEQ Casper File (no encl)
Steve Blakeman, Town of Moorcroft, PO Box 70, Moorcroft, WY 82721 (no encl)

Page 1 of 1

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-6937	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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Matt Mead, Governor

Department of Environmental Quality

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John Corra, Director

NOTIFICATION OF COVERAGE

February 17, 2011

Mayor Dave Kinskey
City of Sheridan
55 Grinnell Plaza
Sheridan, WY 82801

RE: Transfer of Ownership, Memorial Hospital of Sheridan County Sanitary Sewer Main Extension
Sheridan County, Reference Permit #98-163
Permit #11-054

Dear Mayor Kinskey:

The above Transfer of Ownership for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications 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 in accordance with general permit and the materials submitted in your application package.

If you have any questions, please contact me at (307) 777-6941.

Sincerely,

Suzanne Engels
WDEQ/WQD

SE/rm/11-0175

Enclosures

cc: IPS, Cheyenne
WDEQ Casper File
Robert Forister, Sheridan Memorial Hospital, 1401 W 5th Street, Sheridan, WY 82801
Lane Thompson, City of Sheridan, PO Box 848, Sheridan, WY 82801





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Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 3, 2011

Dave Andrews, Public Works Director
Town of Glenrock
P.O. Box 417
Glenrock, WY 82637

RE: Town of Glenrock- Glenrock Waterline Improvement Project,
Application No. **11-055**, Converse County

Dear Mr. Andrews:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as replacement of approximately 1600 feet of 4 Asbestos Cement with approximately 1600 feet 8 inch PVC water main, replace one fire hydrant, and install one new fire hydrant, SW ¼ , Section 3, T33N R75W; Converse 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 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 3, 2013.

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. **11-055** 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/11-0213

cc: IPS, Cheyenne
Tom Brauer, C.E.P.I., 6080 Enterprise Drive, Casper, WY 82609





Department of Environmental Quality

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Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 1, 2011

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

RE: New Liquor Commission and Agriculture Building (Rex Warehouse)
Application No. **11-056**, Laramie County

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility and Existing Sewage Collection Systems described as two effluent pumping units, install 6 inch sewer line, install 4 sewer line, installing 8 inch water line loop, install 8 inch fire line, install 4 inch fire line and install three new fire hydrants Section 36 ,T14N R66W and Section 1 ,T13N R66W 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 25, Section 10 and Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Please complete and return the enclosed Certificate of Completion. All construction, installation, or modification allowed by this notification of coverage shall be completed by March 31, 2013.

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. **11-056** 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/11-0324

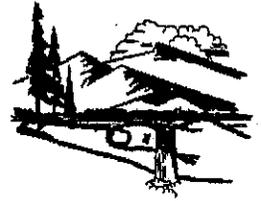
Enclosure: General Permit

cc: IPS, Cheyenne
Ryan Rigg, AVI, 1103 Old Town Lane, Suite 101, Cheyenne, WY 82009





Department of Environmental Quality



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Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 18, 2011

Colleen Eifealdt
Town of Wamsutter
P.O. Box 6
Wamsutter, WY 82336

RE: Town of Wamsutter - 2011 Vasquez Lane/Bucho Avenue Improvements - Permit Number 11-057, NE 1/4 Section 34, T20N, R94W, Sweetwater County

Dear Ms. Eifealdt:

The above application for coverage under General Permits to Construct the extension of a public water supply distribution system consisting of about 660 linear feet of 8-inch PVC water main and the extension of a sewage collection system consisting of about 584 linear feet of 8-inch PVC sewer main in accordance with Chapter 3, Section 7, Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General 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,

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

PDF to Cheyenne
Jon Anderson, P.E., PMPC, P.O. Box 370, Saratoga, WY 82331



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 11-058

CITY OF LARAMIE
WTP CHLORINE DISINFECTION
PWS WY5600029

This permit hereby authorizes the applicant:

CITY OF LARAMIE
P.O. BOX C
LARAMIE, WY 82073

to replace the existing chlorine gas feed system with an on-site sodium hypochlorite generation system; according to the procedures and conditions of the application number 11-058. The facility is located in SW ¼ Section 23 T14N R76W; ALBANY County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed March 8, 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.

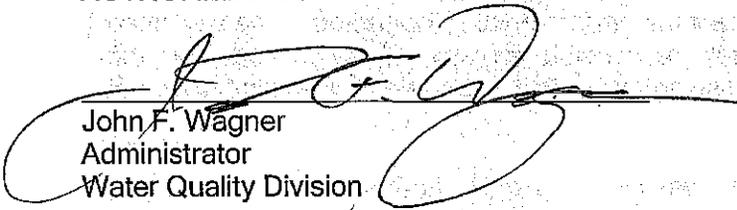
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

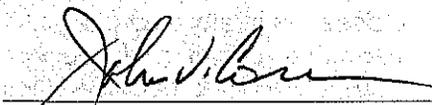
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 307-777-5973, 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

3/11/11

RRC/rm/11-0226

cc: Kirsten Heins, Forsgren Assoc., 370 E. 500 S., Suite 200, Salt Lake City, UT 84111
Katharine Trowbridge, City of Laramie- Public Works, P.O. Box C, Laramie, WY 82073

STATEMENT OF BASIS

1. Permit Number: **11-058**
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?

NO
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.

Section 11 (b)(viii)(A) Storage space or tank volume shall be provided for at least 30 days of chemical supply.
 - b. Briefly state the basis for the deviation.

This facility has an on-site sodium hypochlorite generation system. It is capable of producing the required amount of sodium hypochlorite need for a 30 day period.
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 R. Cripe P.E., Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on March 9, 2011. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

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

CLASS I INJECTION WELL

- () New
() Modified
(X) Renewal

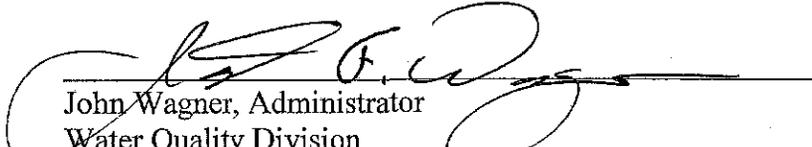
Permit Number: ~~11-059~~
Previous Permit Numbers: UIC 93-294,
UIC 97-240
UIC Facility Number WYS-021-036

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: Wolfman Energy Services, LLC
10277 South Highway 59
Gillette, WY 82718
(307) 682-2706

Wolfman Energy Services, LLC, hereafter referred to as the Permittee, is authorized to operate the **Kenneth Deselms No. 1** injection well in the SESE, Section 18, Township 16 North, Range 62 West of the 6th Principal Meridian, Laramie County according to the procedures and conditions of application 11-059 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

12/5/11
Date


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

12/6/11
Date

KS/rm/11-0932

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A. Discharge Zone

This injection well is authorized to inject into the Sussex sandstone as follows:

Table 1 (Discharge Zone)

Well Name	Perforated Intervals (injection start depth)	Perforated Intervals (injection end depth)	Formation
Kenneth Deselms No. 1	4,410	4,450	Sussex sandstone

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

A packer is set within 500 feet of the top of the Sussex Sandstone.

B. Well and Area of Review

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

SE¼ SE¼ of Section 18, Township 16 North, Range 62 West, 6th Principal Meridian

The Area of Review is determined by calculating the cone of influence, volumetric cylinder, or using a default radius of 1,320 feet, whichever is greater.

The Area of Review around this well is legally described as:

Township 16 North, Range 62 West

Section 17: SW 1/4, SWNW, SENW, NWNW, NWSE

Section 18: E ½, SW ¼, SENW

Section 19: N ½, NESE, NWSE

Section 20: NW ¼, NWSW, NWNE

The Area of Review for the Kenneth Deselms No. 1 well is based on the following information:

Table 2 (Area of Review Inputs for the Sussex Sandstone)

Description	Inputs	Units
Time*	10.76	Years
Porosity	23.9	Percent
Injection Rate	2,673	BPD
Thickness of Receiver	44	Feet
Area of Review	3,722	Feet
Fracture Gradient	0.627	psi/feet

*The time includes previous and future injections.

C. Groundwater Classification

The groundwater in the Sussex Sandstone is classified as Class VI according to Wyoming Water Quality Rules and Regulations, Chapter 8. Groundwater in the Sussex Sandstone in this area was previously exempted by the Wyoming Oil and Gas Conservation Commission from the definition

and protection of fresh and potable water (see WOGCC Docket No. 312-84). Groundwater classifications for the Sussex Sandstone were made for the following reasons:

1. This formation naturally contains traces of oil and gas and cannot be reasonably expected to provide sources of drinking water at this location;
2. This formation has been used in the past at this location for the disposal of non-hazardous (oil field) waste, and cannot be expected to provide a source of drinking water;
3. The groundwater in the Sussex Sandstone contains concentrations greater than 10,000 mg/L Total Dissolved Solids;
4. The groundwater in the Sussex Sandstone is situated at such depths that recovery and treatment for drinking water purposes is not practical.

D. Authorized Operations

The permittee is authorized to inject 2,673 barrels per day (112,266 gallons per day) of industrial wastes.

The permittee is authorized to inject into the Kenneth Deselms No. 1 well according to the following permit limits:

Table 3 (Permit Limits)

Description	Permit Limits	Units
Maximum Injection Rate	2,673	BPD
Surface Tubing Injection Pressure (Maximum)	1,125	PSIG
Annulus Pressure (Minimum)	200	PSIG
Annulus Pressure (Maximum)	800	PSIG

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 90% of the new fracture pressure as measured at 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.

The permittee is authorized to inject industrial processing wastes as follows:

Well workover wastes

This category includes water associated with drilling fluids used during the drilling of any oil and gas well or the water supply wells on oil and gas locations; rig wash water; well completion, treatment and stimulation fluids; waste produced during any workover or abandonment of and oil or gas well or test hole; wastes from subsurface gas storage and retrieval; liquid hydrocarbons removed

from the production stream but not from oil refining; materials ejected from a producing well during the process known as blowdown;

No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly reports under the heading **Well workover wastes - Authorization #1997-1**, rather than the name of the company generating the wastes.

Water and other tank bottoms

This category includes water and other tank bottoms from the storage facilities that hold crude oil, natural gas, gas condensate, or wastes which are exempt under the oil and gas exploration and production exemption to RCRA.

At least once every three (3) years, permittee shall obtain a comprehensive water analysis including all parameters found in EPA Method 624 for each source of waste accepted under this provision. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title **Water and other tank bottoms- Authorization #1997-2** rather than the name of the company generating these wastes.

Gas plant sweetening and dehydration wastes

This category includes gas plant sweetening wastes for sulfur removal including amines, backwash, and any wastes produced by a Bevon Stetford processing plant; gas plant dehydration wastes, and backwash.

At least once every three (3) years, permittee shall obtain a comprehensive water analysis including all parameters found in EPA Method 624 for each company generating such wastes which are accepted under this provision. These analyses shall be accompanied by a complete description of the waste sampled including the plant name and location, and whether the waste is glycol, amine, or caustic waste. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title **Gas Plant Wastes - Authorization #1997-3** rather than the name of the company generating these wastes.

Miscellaneous Oilfield Related Wastes

Cooling tower blowdown wastes on gas plant or other exempt sites; packing fluids; pigging wastes from in field gathering lines, but not from interstate pipeline systems;

At least once every three (3) years, permittee shall obtain a comprehensive water analysis including all parameters found in EPA Method 624 for each source of waste accepted under this provision. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title **Miscellaneous Oilfield - Authorization# 1997-4** rather than the name of the company generating these wastes.

Regulated Underground and Above Ground Storage Tank Wastes

Wastes generated during the removal or maintenance of Underground or Above Ground Storage Tanks, so long as those tanks are regulated facilities under the Above Ground and Underground Storage Tank Program administered by the Water Quality Division. Under this provision, wastes including water from inside an active tank, water found inside the tank during a removal operation, groundwaters contaminated by gasoline and diesel, and water used in any form of testing operation, may be injected without analyses and without prior approval. Permittee shall obtain a written

statement from the generator of any such waste stating that the waste is from a storage tank regulated by the Water Quality Division. These statements shall contain the certification statement found in your permit. Please account for all such wastes on your quarterly report under the title **Regulated Tank Wastes – Authorization #1997-5** rather than the name of the company generating these wastes.

Oilfield Produced Water

This category includes all waters produced directly with the production of oil and gas and collected in the field where the oil and gas were produced. It does not include tank bottoms or water accumulated in gas processing plants, refineries, or intrastate or interstate pipe line facilities.

No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly reports under the heading **Oilfield Produced Water - Authorization #1997-6**, rather than the name of the company generating the wastes.

Sump Wastes

Wastes known as "sump wastes" from floor drains and septic tanks at various sites. This general category includes wastes from sumps in automotive shops, gasoline stations, oilfield service industries, airports, and similar shops which perform mechanical work. This category does not include industrial process wastes from manufacturing operations or wastes from sumps in shops which do not perform mechanical work. These wastes must be characterized fully prior to disposal to insure that they are not hazardous wastes. The Water Quality Division will issue a letter of approval for each new source of waste under this category prior to permittee accepting the first lot of waste. In order to obtain such an approval letter, permittee shall submit a complete written description of the waste, including the name of the company generating the waste, the address or legal description of the location where the waste was produced, a description of the processes that produced the waste, and a comprehensive water analyses including all parameters found in EPA Method 624. Based on this information, the Water Quality Division may issue an approval letter for the disposal of non-hazardous sump waste for a duration of no more than three (3) years.

In order to renew a previously approved source, once every three (3) years, permittee shall obtain a comprehensive water analysis including all parameters found in EPA Method 624. Please account for all such wastes on your quarterly report under the title **Miscellaneous Sump Waste – Authorization #1997-7** rather than the name of the company generating these wastes.

Bevill Amendment Wastes

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. Once every three (3) years, permittee shall obtain a comprehensive water analysis including all parameters found in EPA Method 624. Please account for all such wastes on your quarterly report under the title **Bevill Amendment Waste – Authorization #1997-8** rather than the name of the company generating these wastes.

Water well wastes

This category of fluids includes water associated with drilling fluids used during the drilling of any water supply well, rig wash water, well completion, treatment and stimulation fluids, waste produced during any workover or abandonment of a water well, or a test hole including spent acid from acid fracturing or well acidizing jobs.

No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly reports under the heading **Water well wastes - Authorization #1997-9**, rather than the name of the company generating the wastes.

Miscellaneous Non-hazardous wastes

In addition to the authorizations contained in this permit, permittee may obtain additional approvals for wastes which do not fit any of the above classifications. Any such waste must be characterized fully in order to insure that this waste is not a hazardous waste. The Water Quality Division will issue a letter of approval for each new source of waste under this category prior to permittee accepting the first lot of waste. In order to obtain such an approval letter, permittee shall submit a complete written description of the waste, including the name of the company generating the waste, the address or legal description of the location where the waste was produced, a description of the processes that produced the waste, a certification that the waste is not a listed hazardous waste, and a comprehensive water analyses for the waste. Since this is a very broad category of wastes, the exact analyses required will be based on the type of processes that generate the waste, and the type of contaminants likely to be present in the waste. Based on this information, the Water Quality Division may issue an approval letter for the disposal of non-hazardous waste for a duration of no more than three (3) years.

In order to renew a previously approved source, once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters included in the initial approval. Please account for all such wastes on your quarterly report under the title **Miscellaneous Non-Hazardous Waste – Authorization #1997-10** rather than the name of the company generating these wastes.

Wastes accepted under these blanket authorizations

For each type of waste accepted under any of the blanket authorizations contained in this permit, permittee shall require that the company generating these wastes provide a full written description of the wastes to support the fact that the wastes are similar to the wastes described in the authorization. Permittee shall keep records on site concerning the source of all such wastes. All wastes accepted under any authorization contained in this permit shall be neutralized to a pH of greater than 2.0 and less than 12.5.

Corrosion Inhibitors

The composite injection stream may also contain a small amount of Cortron[®] RN-206 corrosion inhibitor. Cortron[®] RN-206 has been shown to not meet the definition of hazardous waste under RCRA.

The composite injection stream may also contain a small amount of Gypton[®] T-186 scale inhibitor. Gypton[®] T-186 scale inhibitor has been shown to not meet the definition of hazardous waste under RCRA.

The composite injection stream may also contain a small amount of Emulsotron[®] X-203 emulsion breaker. Emulsotron[®] X-203 emulsion breaker 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.

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 well 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.

Injection into a well may not begin until construction is complete.

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

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The permittee shall prepare records of all monitoring information including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least three (3) years after closure of the facility.
3. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The name(s) of individual(s) who performed the sampling or measurements;
 - c. The date(s) analysis were performed;
 - d. Names of individuals who performed the analyses;
 - e. The analytical techniques or methods used;
 - f. The results of such analyses.
4. No ground water monitoring program for near surface ground waters is required because of the excellent confinement of this formation.

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. A high/low pressure kill switch shall also be installed on the casing/tubing annulus. This device shall be set to preclude violations of the permit for annulus pressure.

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 4** shall be analyzed by the listed methods and reported quarterly.

Table 4 (Quarterly Sampling Schedule)

EPA Analytic Method	Parameter Analyzed	CAS Number	Proposed Permit Limit or UCL (mg/l)
SM2540	Total Dissolved Solids	None	*
376.1	Hydrogen Sulfide	7783-06-4	*
SM4500H+B	pH	None	>2 - <12.5 s.u.
206.5	Arsenic (metal)	7440-38-2	*
239	Lead (metal)	7439-92-1	*
245	Mercury (metal)	7439-97-6	*
375.2	Sulfate	None	*
420	Total Phenolic Hydrocarbons	108-95-2	*

*The undefined permit limit or UCLs are only for exempted wastes that are injected. Any wastes that are non-exempt require analysis for hazardous waste limits and approval by the Department prior to injection.

In addition to the constituents described in Table 4, the permittee is required to perform quarterly sampling of all constituents listed in **EPA Method 624 (long list)**, and report the results of those analyses to the UIC Program.

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.

The above upper control limits (UCL) are not to be exceeded in any sample. 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. Record Retention - 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 until the permit expires. As described in Section I.2, monitoring records shall be retained for three years after well closure (Ch13, Sec 15(g)).
2. Electronic Data Deliverable (EDD) Reporting – The permittee shall use EDD reporting if required by the Administrator.
3. Compliance Schedule Reports – If a compliance schedule is required by the Administrator, reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any such schedule shall be submitted no later than thirty days following each schedule date (Ch13, Sec 9(d)(xx)).
4. Noncompliance Event Reports – See Section S.
5. Other Noncompliance Reports - The permittee shall report all instances of noncompliance not reported otherwise and submit the information listed for the written report in Section S with the next quarterly report (Ch13, Sec 9(d)(xxii)).
6. Quarterly Reports - Quarterly reports shall be submitted to the Administrator no later than thirty (30) days after the end of each calendar quarter ((Ch13, Sec 15(a) and 15(c)). The mailing address is: UIC Program Supervisor, DEQ – Water Quality Division, Herschler Building – 4W, 122 W. 25th St., Cheyenne, WY 82002. The quarterly results shall also be submitted online at <https://gem.trihydro.com> within forty-five (45) days of the end of quarter. The written quarterly report for each well shall include the following information:
 - a. The minimum, average, and maximum instantaneous injection rates for each month of the quarter. The page showing the maximum injection rates shall also show the maximum permitted injection rate for comparison.
 - b. The minimum, average, and maximum daily injection pressures for each month of the quarter (Ch13, Sec 15(c)(i)). The table or graph showing the maximum injection pressures shall also show the maximum permitted injection pressure for comparison and the pressures at which any alarms or kill switches are activated.
 - c. The total injection volume in barrels for each month of the quarter, the total for the quarter, and the total cumulative volume of waste injected to date (Ch13, Sec 15(c)(iv)).
 - d. The maximum and minimum annulus pressures for each month of the quarter. The table or graph showing the annulus pressures shall also show the pressures at which any alarms or kill switches are activated.
 - e. Any quarterly analytical results required by Section I of this permit (Ch13, Sec 15(c)(v)). Sample collection dates should allow ample time to receive analytical results prior to reporting deadlines.

- f. Copies of customer water quality reports and a comparison with the permittee's quarterly samples as described under "Physical and Chemical Properties of the Injectate" in Section I.
 - f. Any permit exceedances within the quarter.
 - g. Any events that triggered alarms or shutdowns and the responses taken during the quarter shall be fully described (Ch13, Sec 15(c)(iii)).
 - h. Any well tests conducted more than thirty (30) days before the end of the quarter (e.g., mechanical integrity, pressure fall-off, or step-rate injection) (Ch13, Sec 15(f)) and reports of well workovers (Ch13, Sec (c)(vi)). See also item K.8.
7. Annual Reports - shall be submitted to the Administrator at the same address as the quarterly reports. They are due no later than thirty days after the end of each calendar year (Ch13, Sec 15((c))). The annual report for each well shall include the following information in addition to that required for the quarterly report:
- a. A graphical representation of the injection pressures and volumes for the previous five year's operation and a digital file (e.g., .csv, .txt., .xls, .xlsx) containing these data. The graph shall have calendar dates as the abscissa and pressure and volume as the ordinates.
 - b. Graphical representations of the quality of the injected waste over time and a digital file (e.g., .csv, .txt., .xls, .xlsx) containing these data. The graphs shall show the injectate quality for the previous five year's operation and shall be prepared on scales appropriate to the variation observed.
8. Well Tests - Reports of well tests conducted less than thirty (30) days before the end of a calendar quarter shall be submitted within thirty (30) days of test completion (Ch13, Sec 15(f)).
9. Reports for Aborted Operations - A comprehensive report for any aborted or curtailed operation, which results in the complete termination of discharge or associated activity, shall be submitted to the Administrator within thirty (30) days of termination in lieu of an annual report (Ch13, Sec 15(d)).
10. Reports of Plugging and Abandonment - A report of plugging and abandonment (Section N) shall be submitted as soon as practicable after a well is plugged (Ch13, Sec 9(d)(xxvii)).

L. Permit Conditions

This permit is issued for a period of ten (10) years (Ch13, Sec 9(a)). If the permittee wishes to continue injection after the expiration date of this permit, he shall apply to the Administrator at least four (4) months prior to the expiration date of this permit (Ch13, Sec 9(d)(ii)).

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit (Ch13, Sec 9(d)(iv)).

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

The filing of a request by the permittee, or at the instigation of the Administrator, for permit modification, revocation, or termination, or the notification of planned changes or anticipated noncompliance shall not stay any condition of this permit (Ch13, Sec 9(d)(ix)).

After notice and opportunity for a hearing, the Administrator may modify or revoke a permit, in whole or in part, during its term for cause. Causes include, but are not limited to, the following:

1. Noncompliance with terms or conditions of this permit (Ch13, Sec 8(e)(i));
2. Failure in the application or during the issuance process to disclose fully all relevant facts, or misrepresenting any relevant facts at any time (Ch13, Sec 8(e)(ii)); or
3. Failure of the casing, cement, or the confining layer; or
4. A determination that the activity endangers human health or the environment and can only be regulated to acceptable levels by a permit modification or termination (Ch13, Sec 8(e)(iii)).

Permits will be automatically terminated after closure and release of financial responsibility by the Administrator (Ch13, Sec 8(i)).

This permit will be reviewed by WQD at least once every five (5) years, and may be reviewed more frequently (Ch13, Sec 9(b)). Permits that do not satisfy the review criteria are subject to modification, revocation and reissuance, or termination (Ch13, Sec 9(c)).

The conditions in this permit supersede any application content (Ch13, Sec 18(b)(i)).

M. Mechanical Integrity

Mechanical integrity shall be maintained continuously and tested at intervals of no longer than five years. The test used to determine mechanical integrity shall be a two part test approved by the Administrator (Ch13, Sec 9(d)(vii)). The two parts shall be conducted no more than three months apart unless prior approval is obtained from the Administrator.

Part I of the mechanical integrity test shall demonstrate the absence of leaks through the packer, tubing, casing, and wellhead (Ch13, Sec 9(d)(vii)(A)). Prior to operational injection and at least once every five (5) years the casing-tubing annulus of each well shall be pressure tested to 0.25 psi/foot times the true vertical depth to the top of the packer and the inner casing for each well. A pressure change of less than 10% after thirty (30) minutes shall be considered successful.

Part II of the mechanical integrity test shall demonstrate the absence of fluid movement behind the casing (Ch13, Sec 9(d)(vii)(B)) above the topmost perforation. Prior to the commencement of waste injection and at intervals of no longer than five years thereafter, and more frequently if required by the Administrator, each well shall be logged using a radioactive tracer survey (or oxygen activation log) and a temperature survey. The static

temperature log shall start more than two hours, and preferably more than 24 hours for an active well, after injection has ceased.

Other types of logs may be substituted for Part II of the mechanical integrity test if they satisfy Chapter 13, Sec 9. (d) (vii) and are approved by the Administrator.

WQD shall be notified a minimum of thirty (30) days prior to a mechanical integrity test.

Data, results, analyses, and interpretations for the tests shall be submitted to the Administrator at the address in paragraph K.6 within thirty days or with the next quarterly report after the test is done, whichever is later (Ch13, Sec 15(f)).

In the case of a failed mechanical integrity test in a well that has begun waste disposal, the well shall be immediately shut-in (Ch13, Sec 9(d)(viii)). The Administrator shall be notified by telephone at (307) 777-7781 within twenty-four hours of the test and a written report shall be submitted within seven days. Injection shall not resume until the well has been repaired, a complete mechanical integrity test has been passed, and written permission to resume operation has been obtained from the Administrator.

If at any time injection occurs in any zone not within the discharge zone, 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 discharge zone. In the case where any aquifer meeting the standards for Class I through IVA 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. Injection shall not resume until the well has been repaired, a complete mechanical integrity test has been passed, and written permission to resume operation has been obtained from the Administrator.

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 the Well Abandonment procedures outlined in the permit application (Exhibit E-12 and E-13) dated January 16, 2008.

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.

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 of the well site.

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. The financial assurance consists of an Irrevocable Letter of Credit in the amount of \$38,700 from Pinnacle Bank of Gillette, Wyoming. This Irrevocable Letter of Credit or replacement financial instruments shall be maintained as long as this well is covered under this permit.

The financial responsibility amount shall be increased by 3% each calendar year. Annual financial responsibility document updates shall be submitted to the Administrator no later than February 14 of each year.

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).

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. Confirmed 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 relive 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.

END OF PERMIT

STATEMENT OF BASIS FOR A UIC PERMIT

I. General information.

- A. UIC Permit Number: **11-059**
- B. Facilities Covered: Wolfman Energy Services LLC, Kenneth Deselms No. 1
- C. Class of Facility: Class I Non-Hazardous (Wyoming Water Quality Rules and Regulations, Chapter 13)

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 | Yes |
| C. Chapter 11 | Yes | F. Chapter 16 | No |

III. Basis for issuing a 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.

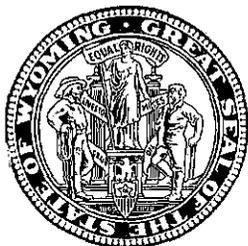
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

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 October 18, 2011 and ending on November 16, 2011 (30 day notice as required by Wyoming Water Quality Rules and Regulations, Chapter 13). This notice was published in the Wyoming Tribune Eagle 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 13, Section 5. This review was performed by Kathy Shreve, Environmental Program Principal, and completed on October 5, 2011. 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.



Matthew H. Mead, Governor

John Corra, Director

December 5, 2011

Kenneth Deselms No. 1 Injection Well
Attn: Mr. Jeff Gray
Wolfman Energy Services, LLC
10277 South Highway 59
Gillette, WY 82718

RE: Kenneth Deselms No. 1 Injection Well UIC Permit Renewal
Final Permit **11-059**, Class I Non-Hazardous Commercial Injection Well
Laramie County, Wyoming

Dear Mr. Gray:

Attached please find one copy of the Class I permit for the above referenced facility. The sampling reports must be submitted quarterly, within 30 days of the end of each quarterly sampling period, by, April 30th, July 31st, October 31st, and January 31st each calendar year. Reporting 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,

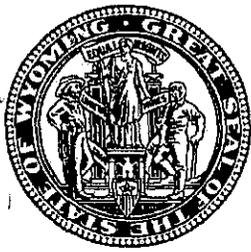
Kathy Shreve
Environmental Program Principal
Water Quality Division
Wyoming Department of Environmental Quality

KS/rm/11-0932

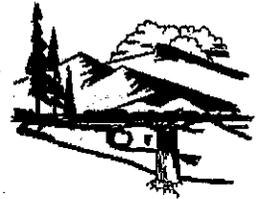
Enclosure: Final Permit, Monitoring Report Template

cc: John Passehl, WDEQ





Department of Environmental Quality



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

Matt Mead, Governor

John Corra, Director

March 8, 2011

Chairman
Teton County Board of Commissioners
P. O. Box 3594
Jackson, WY 83001

RE: Teton Vista Ranches Subdivision, WDEQ Application #11-060

Dear Mr. Chairman:

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). The State Engineer's Office (SOE) letter has been received by our office. We acknowledge that the State Engineer's Office is generally not supportive of the subdivision since documentation has not been submitted yet to satisfy W.S. 18-5-306(a) (xi).

The parcel is located two-thirds of a mile north of Alta, just east of Stateline Road. The proposed subdivision would be created by dividing a 47.3 acre parcel into four residential lots with approximately 12 acres each.

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

Individual onsite septic systems are proposed for all four lots. The consultant demonstrated that conventional, gravity fed septic systems are suitable for the proposed subdivision. WDEQ concurs with the consultant that the final plat of the subdivision should clearly indicate acceptable areas for leachfield locations as depicted in drawing two found in the appendix of the report.

Since Teton County has been delegated by the department to issue small wastewater system permits, it is the county's responsibility to ensure, prior to issuing the permits, that all permit requirements and design standards will be met.

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

Individual wells are proposed for the subdivision. A new well was drilled within the parcel in January of 2011. A pump test performed on the newly drilled well and data from other wells in the area indicate adequate quantity of water for the proposed four lot subdivision. Water quality



results from neighboring wells also indicate that the water meets National Drinking Water standards.

Conclusion(s):

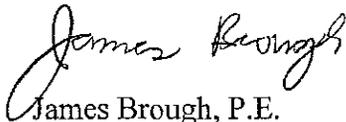
The Department of Environmental Quality has no "adverse" recommendations on this proposed subdivision.

Disclaimer

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

Please do not hesitate to contact me at (307) 335-6964 if you have any questions on the recommendations or need any assistance on how to proceed with this application.

Sincerely,

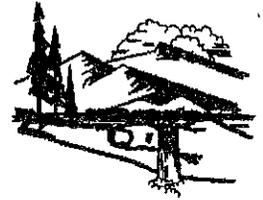


James Brough, P.E.
Northwest District Engineer
Water Quality Division

xc: Allen Lynch, 1448 15th St., Suite 100, Santa Monica, CA 90404
Phil Gyr, Nelson Engineering, P.O. Box 1599, Jackson, WY 83001
Ray Shriver, Teton County Engineering Department, P.O. Box 3594, Jackson, WY 83001
Mike Ebsen, State Engineer's Office, Herschler Building, 4-E, Cheyenne, WY 82002
DEQ Subdivision File



Department of Environmental Quality



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

Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 23, 2011

Christie Fleming, Area Manager
Heart Mountain Wyoming Foundation
164 W. North St.
Powell, WY 82435

RE: Heart Mountain Interpretive Learning Center Water System. DEQ Permit #11-061, Park County, Latitude 44.670°, Longitude 108.943°

Dear Ms. Fleming,

This project consists of the completion of the HMWF #1 well, Company equipment, water treatment equipment, and operating design to supply dependable water source to the heart Mountain Interpretive Learning Center.

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.

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 Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,

Hannes E. Stueckler, P.E.
Assistant Northwest District Engineer
Water Quality Division

xc: PDF to Cheyenne
John Wetstein P.E., Wester - Wetstein and Associates, 605 Plaza Court, Laramie, WY 82070



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

() New
(X) Modified (Renewal)

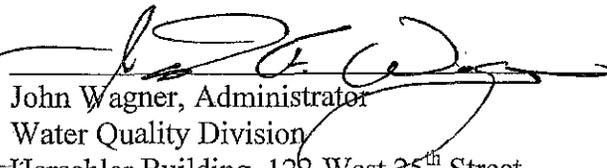
Permit Number **11-062**
Previous Permits UIC 00-109, 5E3-98-1
Facility Number WYS-039-078
State Subclass 5E4

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.

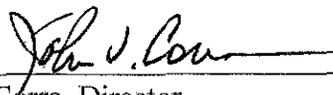
Applicant: Grand Teton National Park, Moose Wastewater Treatment and Percolation Beds
Attn: Michael Machopa, Chief of Operations
P.O. Drawer 170
Moose, WY 83012
(307) 739-3347

Moose Wastewater Treatment and Percolation Beds, hereafter referred to as the permittee, is authorized to operate the septic system in the NW¼ of the SE¼ of Section 25, Township 43 North, Range 116 West, of the 6th Principal Meridian, Teton County, according to the procedures, 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

6/2/11
Date


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

6/6/11
Date

KS/rm/11-0529

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A. Discharge Zone

This injection facility (sanitary leach field system) is authorized to inject 15,000 gallons/day average, and 57,000 gallons/day maximum from National Park Service employee housing, visitor service facilities, and administration buildings located within Grand Teton National Park into the Snake River alluvium. Distance to groundwater varies between 12 and 16 feet in the immediate vicinity.

B. Well and Area of Review

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

NW¼ of SE¼ of Section 25, Township 43 North, Range 116 West, 6th Principal Meridian

The Area of Review is defined as a circular 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	57,000	GPD
Thickness of Receiver	18	Feet
Area of Review	360	Acres
Hydraulic Conductivity	10	Feet/Day

C. Groundwater Classification

The groundwater in the unconfined alluvial aquifer is classified as 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 several nearby points of withdrawal. Ground water 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 continue injecting 15,000 gallons/day average, and 57,000 gallons/day maximum, of wastewater into the existing injection well system. The wastewater is described as secondarily treated domestic sewage, and is treated in an activated sludge treatment plant prior to disposal in the percolation beds.

If additional sewage flows are added beyond those identified in the permit application, the leach field 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.
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.

I. Requirements for Monitoring the Discharge and the Groundwater

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 semi-annually by the listed methods and reported annually:

Table 2 (Semi-Annual Groundwater Sampling Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT OF UCL%
Moose Village Wells 1 and 2	Once prior to the end of each semi-annual period	Ammonia as N	EPA 350.3	0.50 mg/L
Well 1 (43393911042400)	(January 1 – June 30 and July 1- December 31)	Chloride	SM 4500 CL B	250 mg/L
Well 2 (433939110425601)		Nitrate	EPA Method 353.2	10 mg/L
		pH	EPA 150.1	>6.5 and <8.5
		Total Volume Injected	Flow meters	57,000 gpd
		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

*All applicable chemical concentrations in this permit are expressed as total (not dissolved) in mg/l unless otherwise noted.

All annual reports are to be reported within forty-five (45) days of the last day of the year. Sampling periods are identified as follows: 01/01-06/30, 07/01-12/31.

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

The U. S. National Park Service, Grand Teton National Park shall monitor the quality of the effluent from the sludge treatment plant at the point after all treatment has occurred but prior to

injection into the percolation beds on the following schedule. The following parameters shall be analyzed by the listed methods and reported quarterly:

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL)
Monthly	Microbiological Methods for Monitoring the Environment	E. Coli	No Limit
	EPA Method 405.1	5 Day Biological Oxygen Demand	30.0
	EPA Method 353.2	Nitrate as N	15.0
	EPA Method 350.3	Ammonia as N	3.0

*All chemical concentrations in this permit are expressed in Mg/L unless otherwise noted. The above Upper Control Limits (UCL) are not to be exceeded in any sample. Exceedance of the UCL values are a violation of this permit and shall require corrective action. In the event that any contaminant is found to exceed an applicable UCL, the U. S. National Park Service, Grand Teton National Park shall undertake a study to determine and eliminate the source of that contaminant from the waste stream. Any parameter found to be exceeding any applicable UCLs shall be sampled for in the downgradient monitoring wells, if such sampling has not already taken place. After the first two years of operation, the Water Quality Division may, without reissuing this permit, waive further monitoring of any parameter from the above list or may require additional monitoring based on new information about the nature of the waste. The Water Quality Division may also, after the first two years of operation, approve a more or less stringent monitoring schedule.

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 issued for a period of ten (10) years. The operator must renew this permit prior to the expiration date if he/she wishes to inject after the expiration date of the 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.

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: 11-062
- B. Facilities Covered: Moose Wastewater Treatment and Percolation Beds (Grand Teton National Park)
- 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 archive file for this permit will include adequate documentation of all sections of this Statement of Basis.

VII. Applicant and Public Participation

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

- B. A Public Notice has been issued with a public notice period starting March 29, 2011 and ending on April 29, 2011 (30 day notice as required by Wyoming Water Quality Rules and Regulations, Chapter 16). This notice was published in the Jackson Hole News & Guide 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 Kathy Shreve, Environmental Program Principal, completed on February 24, 2011. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis".

**STATE OF WYOMING
CLASS V (5E4) PACKAGE PLANT TREATMENT (GROUNDWATER MONITORING)
DEPARTMENT OF ENVIRONMENTAL QUALITY
REPORTING FORM FOR CLASS INJECTION WELLS**

This form shall accompany the submission of any report, documentation or data required by the UIC permit issued to this facility

Company Name:	National Park Service
Contact Person:	MICHAEL MACHOPA
Phone Number:	
Company Address:	P.O. Box 170 Moose, WY 83012
Facility Name:	GRAND TETON N.P. - MOOSE TREATMENT PLANT
Facility Number:	WYS-039-078
Permit Number	11-062
Legal Location:	T:43.00 R:116.00 S:25.00

Report Frequency:	SemiAnnual
EDD Information:	Report ID = 169979; Facility ID = 3448; Sample ID = 2091

Sample Point:	Well Monitor Well 1
Sample Point Type:	Monitoring Well
Formation	Formation 1

Report Comments:	
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Well shut-in or well not completed; no analytical data to report. (When checked, only lab data will be validated when submitting the report)

Ammonia (7664-41-7)

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	7/1/2011	12/31/2011	7/1/2011			0-0.5	mg/L			Type Method Here	

Chloride, Total (CHLORIDE)

50 ml glass or plastic container, holding time 28 days.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	7/1/2011	12/31/2011	7/1/2011			0-250	mg/L			Type Method Here	

Nitrate (NO3)

250 ml glass or plastic container, preserve with 5ml, 50% Sulfuric Acid or equivalent to pH of 2 or less.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	7/1/2011	12/31/2011	7/1/2011			0-10	mg/L			Type Method Here	

pH (pH)

100 ml sample must be measured on site.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	7/1/2011	12/31/2011	7/1/2011			6.5-8.5	pH	

Static Water Depth Measured From the Casing Elevation (SWL_DEPTH)

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	7/1/2011	12/31/2011	7/1/2011				Feet	

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Return Save Submit

**STATE OF WYOMING
CLASS V (5E4) PACKAGE PLANT TREATMENT (GROUNDWATER MONITORING)
DEPARTMENT OF ENVIRONMENTAL QUALITY
REPORTING FORM FOR CLASS INJECTION WELLS**

This form shall accompany the submission of any report, documentation or data required by the UIC permit issued to this facility

Company Name:	National Park Service
Contact Person:	MICHAEL MACHOPA
Phone Number:	
Company Address:	P.O. Box 170 Moose, WY 83012
Facility Name:	GRAND TETON N.P. - MOOSE TREATMENT PLANT
Facility Number:	WYS-039-078
Permit Number:	11-062
Legal Location:	T:43.00 R:116.00 S:25.00

Report Frequency:	SemiAnnual
EDD Information:	Report ID = 169980; Facility ID = 3448; Sample ID = 2092

Sample Point:	Well Monitor Well 2
Sample Point Type:	Monitoring Well
Formation:	Formation 1

Report Comments:	
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Well shut-in or well not completed; no analytical data to report. (When checked, only lab data will be validated when submitting the report)

Ammonia (7664-41-7)

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	7/1/2011	12/31/2011	7/1/2011			0-0.5	mg/L			Type Method Here	

Chloride, Total (CHLORIDE)

50 ml glass or plastic container, holding time 28 days.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	7/1/2011	12/31/2011	7/1/2011			0-250	mg/L			Type Method Here	

Nitrate (NO3)

250 ml glass or plastic container, preserve with 5ml, 50% Sulfuric Acid or equivalent to pH or 2 or less.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	7/1/2011	12/31/2011	7/1/2011			0-10	mg/L			Type Method Here	

pH (pH)

100 ml sample must be measured on site.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	7/1/2011	12/31/2011	7/1/2011			6.5-8.5	pH	

Static Water Depth Measured From the Casing Elevation (SWL_DEPTH)

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	7/1/2011	12/31/2011	7/1/2011				Feet	

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Return Save Submit

**STATE OF WYOMING
CLASS V (5E4) MONTHLY PACKAGE PLANT TREATMENT INJECTATE LAB REPORT
DEPARTMENT OF ENVIRONMENTAL QUALITY
REPORTING FORM FOR CLASS INJECTION WELLS**

This form shall accompany the submission of any report, documentation or data required by the UIC permit issued to this facility.

Company Name:	National Park Service
Contact Person:	MICHAEL MACHOPA
Phone Number:	
Company Address:	P.O. Box 170 Moose, WY 83012
Facility Name:	GRAND TETON N.P. - MOOSE TREATMENT PLANT
Facility Number:	WYS-039-078
Permit Number:	11-062
Legal Location:	T:43.00 R:116.00 S:25.00

Report Frequency:	Quarterly
EDD Information:	Report ID = 169982; Facility ID = 3448; Sample ID = 2326

Sample Point:	Well Leachfield
Sample Point Type:	Class V (Injection Wells)
Formation:	Formation 1

Report Comments: Total leachfield injection volumes should be reported as gallons per month (GPM)

Well shut-in or well not completed; no analytical data to report. (When checked, only lab data will be validated when submitting the report)

Ammonia (7664-41-7)

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	7/1/2011	7/31/2011	7/1/2011			0.5	mg/L			Type Method Here	
LAB	8/1/2011	8/31/2011	8/1/2011			0.5	mg/L			Type Method Here	
LAB	9/1/2011	9/30/2011	9/1/2011			0.5	mg/L			Type Method Here	

Biochemical Oxygen Demand (BOD)

1000 ml glass or plastic container, cool to 4 degrees Centigrade, holding time 48 hours.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	7/1/2011	7/31/2011	7/1/2011			10	MG/L			Type Method Here	
LAB	8/1/2011	8/31/2011	8/1/2011			10	MG/L			Type Method Here	
LAB	9/1/2011	9/30/2011	9/1/2011			10	MG/L			Type Method Here	

Fecal Coliform (FECAL)

100 ml sample must collected in a sterile Plastic or Glass container, preserved with Sodium Thiosulfate Na2S2O3, cooled to 4 degrees and analyzed within 6 hours.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	7/1/2011	7/31/2011	7/1/2011			0-2	Colonies/100 ml			Type Method Here	
LAB	8/1/2011	8/31/2011	8/1/2011			0-2	Colonies/100 ml			Type Method Here	
LAB	9/1/2011	9/30/2011	9/1/2011			0-2	Colonies/100 ml			Type Method Here	

Nitrate (NO3)

250 ml glass or plastic container, preserve with 5ml, 50% Sulfuric Acid or equivalent to pH or 2 or less.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	7/1/2011	7/31/2011	7/1/2011			10	mg/L			Type Method Here	
LAB	8/1/2011	8/31/2011	8/1/2011			10	mg/L			Type Method Here	
LAB	9/1/2011	9/30/2011	9/1/2011			10	mg/L			Type Method Here	

Total Volume Injected for the Wellfield (IVFac-tot-vol)

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	7/1/2011	7/31/2011	7/1/2011					

FLD	8/1/2011	8/31/2011	8/1/2011						
FLD	9/1/2011	9/30/2011	9/1/2011						

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

June 2, 2011

Moose Wastewater Treatment Plant and Percolation Beds, Grand Teton National Park Septic System
Attn: Michael Machopa
P. O. Drawer 170
Moose, WY 83012

RE: Moose Wastewater Treatment Plant and Percolation Beds, Grand Teton National Park Septic System
Final Permit 11-062, Class V 5E4Domestic Subsurface Fluid Distribution System
Teton County, Wyoming

Dear Mr. Machopa:

Attached please find one copy of the Class V permit for the above referenced facility. The Reporting forms are enclosed for your convenience. Monitoring well samples must be collected semiannually, and the results are to be reported by August 15th and February 15th each year, respectively. The permit also requires monthly monitoring of the injectate after all treatment has occurred but prior to injection into the percolation beds. These sample results are to be reported quarterly.

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,

Kathy Shreve
Environmental Program Principal
Water Quality Division
Wyoming Department of Environmental Quality

KS/rm/11-0529

Enclosure: Final Permit, Monitoring Report Template

cc: Jeffrey Allen, United States Department of the Interior, National Park Service, Grand Teton National Park, P. O. Drawer 170, Moose, WY 83012

John Passehl, WDEQ





Department of Environmental Quality

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



Matthew H. Mead, Governor

152 N. Durbin St., Suite 100 · Casper, WY 82601 · (307) 473-3450

John Corra, Director

NOTIFICATION OF COVERAGE

April 19, 2011

Lane Thompson, P.E.
City of Sheridan
55 Grinnell Plaza
Sheridan, WY 82801

RE: 2011 Fire Hydrant Upgrades, WDEQ #11-063, City of Sheridan, WY

Dear Mr. Thompson:

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. 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, P.E.
Northeast District Supervisor
Water Quality Division

Enclosures: Certificate of Completion

cc: WDEQ File
IPS (Cheyenne)



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 11-065

City of Gillette Madison Well 11
Madison Pipeline Project

This permit hereby authorizes the applicant:

City of Gillette
P.O. Box 3003
Gillette, Wyoming 82717-3003

to drill, construct, develop, test, and plumb the City of Gillette, Madison Well 11, according to the procedures and conditions of the application number 11-065. The project is located in southeast quarter of Section 36, Township 52 North, Range 67 West, in the county of Crook, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed within one year of issuance (July 20, 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 land application described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by Wyoming statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the State of Wyoming does not waive its sovereign immunity.

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

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

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

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

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

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

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

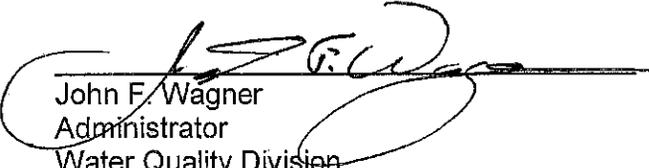
- a. Dates that construction of the facility was completed; and
- b. Date that the facility was placed in operation; and
- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer, if appropriate, is required. All modifications or deviations from the authorized plans must be highlighted.
- e. Submit the following information with the Certificate of Completion:
 - 1) As-built construction documents;
 - 2) All logs including driller/geologist logs, geophysical logs, and bond logs; and
 - 3) A plumbness/alignment test;
 - 4) An aquifer test that meets the requirements of DEQ regulations of a constant rate (minimum 1.5 x design rate) for 24 hours, with drawdown and recovery records and aquifer/hydraulic properties;
 - 5) A copy of the water quality analytical testing for the required constituents and disinfection information;
 - 6) Any other applicable information/documentation.

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

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

5 of 5 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

7/20/11

Date of Issuance

JDL/rm/11-0681

cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: 11-065
2. Application reviewed for compliance with the following applicable regulations :
 - a. Chapter 3, 12, and 26 Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?

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

Facility will have a variance of Section 9 (b) (iii) (c) (IV), lightweight cement slurry. The lightweight cement slurry will be required to meet Wyoming Oil and Gas Commission rules Section 22(a)(ii) and be approved by WDEQ before being used in the well construction.
5. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Dennis Lamb, and completed on July 20, 2011. 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."

**REVIEW OF PLANS & SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION**

PROJECT: City of Gillette Madison Pipeline Project Test Wells – Madison 11

ENGINEER: Casey M. Hanson, P.E., Morrison Maierle, Inc.,
801 East Fourth Street, Unit 20, Gillette, WY 82716

APPLICANT: City of Gillette, Steve Peterson, P.E., P.O. Box 3003,
Gillette, WY 82717-3003

WATER QUALITY DIVISION APPLICATION NUMBER: 11-065

REVIEWING ENGINEER: Dennis Lamb, P.G.
Karen L. Farley, P.E.

DATE OF REVIEW: April 19, 2011

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 14 (a), Chapter 3, Wyoming Water Quality Rules and Regulations (WWQRR), these applications are denied because they are incomplete. 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 of Chapter 3 of the WWQRR. If the applicant fails to provide the requested information within six months the incomplete applications shall be returned. This review may not include all deficiencies and shall not be construed as a complete comprehensive list.

- 1) The Chapter 3 permit application form has the City of Gillette as the real estate owner. Section 36, Township 52 North, Range 67 West is a state section and needs to have an authorized signer for the state land on the Chapter 3 form.
- 2) Please provide an engineering design report that addresses the requirements for well construction, completion, testing, etc. as per Chapters 12 and 26 of the Water Quality Rules and Regulations.
- 3) The application does not discuss the potential for sources of contamination in the recharge areas. This can be very critical in the Madison aquifer systems.
- 4) The design report must be sealed and signed by a Wyoming Professional Geologist and/or Professional Engineer.

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

New
 Modified

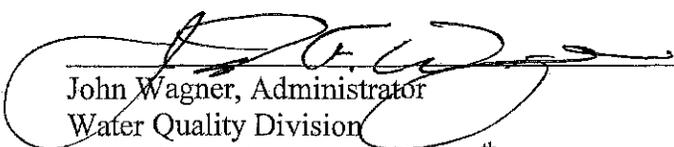
Permit Number **11-066**
Previous Permits 99-125, WQD 90-107,
WQD 90-340
Facility Number WYS-039-048
State Subclass: 5C3

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: Jackson Hole Airport Board– Carwash Facility
Attn: Paul Walters
P. O. Box 159 (1250 East Airport Road)
Jackson, WY 83001
(307) 733-5454

The Jackson Hole Airport Board– Carwash Facility, hereafter referred to as the permittee, is authorized to operate the industrial process water and waste disposal facility in the NESW, Section 14, Township 42 North, Range 116 West, of the 6th Principal Meridian, Teton County, according to the procedures, conditions, and requirements of this permit.

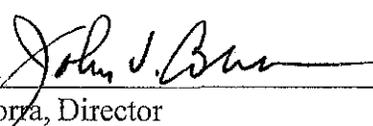
This permit shall become effective on date of issuance.



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

6/2/11

Date



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

6/6/11

Date

KS/rm/11-0530

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A. Discharge Zone

The injection facility is a leachfield system preceded by a septic tank and oil and grease interceptor. The facility is authorized to inject a maximum of 7,500 gallons per day from car washing facilities associated with several car rental agencies located at the Jackson Hole Airport into the Snake River alluvium. The depth to groundwater in the vicinity of the Jackson Hole Airport is approximately 40 feet.

B. Well and Area of Review

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

NE¼ of the SW¼ of Section 14, Township 42 North, Range 116 West, 6th Principal Meridian

The Area of Review is defined as a circular 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	7,500	GPD
Thickness of Receiver	100	Feet
Area of Review	360	Acres
Hydraulic Conductivity	120	Feet/Day

C. Groundwater Classification

The groundwater in the alluvium is classified as Class I according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification is made because:

1. The groundwater in this formation is currently being used for domestic purposes at nearby points of withdrawal.

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 can be considered an underground source of drinking water.

D. Authorized Operations

The permittee is authorized to inject 7,500 gallons per day maximum of wastewater into the existing leachfield injection system. The wastewater is described as industrial process water from washing rental cars. No detergents, solvents, or additives are to be used in the car wash, except for biodegradable soaps. No washing of engine components is allowed.

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.
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.

I. Requirements for Monitoring the Groundwater and the Discharge

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
Monitoring Wells 70379 88-056RR	Annually	Nitrate	EPA 353	10 mg/L
		Ammonia	EPA 350	0.50 mg/L
		Total Dissolved Solids (TDS)	EPA 160.1	500 mg/L
		pH	EPA 150.1	>6.5 and <8.5
		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	7,500gpd
Oil/Grease Interceptor	Monthly	Oil/Grease thickness in tanks	Sludge Judge or similar interceptor oil and solids sampler	0.5 feet oil/grease thickness

*All applicable chemical concentrations in this permit are expressed as total (not dissolved) in mg/l unless otherwise noted. Once one (1) foot of oil and grease thickness is measured in the Oil and Grease Interceptor or 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, additional monitoring wells may have to be installed to delineate the contamination and any possible sources.

In addition, the permittee shall monitor the quality of the injectate fluid on an approved schedule. The following parameters shall be analyzed in August of each year by the listed methods and reported annually by December 31st of each calendar year:

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL)*
Annual	EPA Method 8260	Volatile and Semi-Volatile Hydrocarbons	Federal Drinking Water Maximum Contaminant Limits (MCLs)

*All chemical concentrations in this permit are expressed in Mg/L unless otherwise noted.

The above Upper Control Limit (UCL) is not to be exceeded in any sample. Exceedance of this value is a violation of this permit and shall require corrective action. In the event of a violation of this provision, the monitor well listed in Section D above shall be sampled and analyzed by EPA Method 8260 and the results reported as soon as they become available.

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.

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: **11-066**
- B. Facilities Covered: Jackson Hole Airport Board - Carwash Facility
- 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 archive file for this permit will include adequate documentation of all sections of this Statement of Basis.

VII. Applicant and Public Participation

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

- B. A Public Notice has been issued with a public notice period starting March 29, 2011 and ending on April 29, 2011 (30 day notice as required by Wyoming Water Quality Rules and Regulations, Chapter 16). This notice was published in the Jackson Hole News & Guide 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 Kathy Shreve, Environmental Program Principal, completed on February 11, 2011. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis".

**STATE OF WYOMING
CLASS V (5C3) CARWASH ANNUAL MONITORING
DEPARTMENT OF ENVIRONMENTAL QUALITY
REPORTING FORM FOR CLASS INJECTION WELLS**

This form shall accompany the submission of any report, documentation or data required by the UIC permit issued to this facility.

Company Name:	Jackson Hole Airport Board
Contact Person:	ED MCCOLLUM
Phone Number:	
Company Address:	, WY
Facility Name:	Industrial Drain (Car Wash)
Facility Number:	WYS-039-048
Permit Number:	11-066
Legal Location:	T:42.00 R:116.00 S:14.00

Report Frequency:	Annual
EDD Information:	Report ID = 169971; Facility ID = 3418; Sample ID = 1698

Sample Point:	Well WELL 70379
Sample Point Type:	Monitoring Well
Formation:	Alluvial

Report Comments:	
------------------	--

Well shut-in or well not completed; no analytical data to report. (When checked, only lab data will be validated when submitting the report)

Nitrogen, Ammonia as N (N_NH3)

250 ml glass or plastic container, cool to 4 degrees, preserve with 5ml, 50% Sulfuric Acid or equivalent. Centigrade, holding time 28 days

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	1/1/2011	12/31/2011	1/1/2011			0-0.5	mg/L			Type Method Here	

Nitrate (NO3)

250 ml glass or plastic container, preserve with 5ml, 50% Sulfuric Acid or equivalent to pH of 2 or less.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	1/1/2011	12/31/2011	1/1/2011			0-10	mg/L			Type Method Here	

Solids, Total Dissolved (TDS)

200 ml glass or plastic container, cool to 4 degrees Centigrade, holding time 7 days.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	1/1/2011	12/31/2011	1/1/2011				MG/L			Type Method Here	

pH (pH)

100 ml sample must be measured on site.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	1/1/2011	12/31/2011	1/1/2011			0	pH	

Static Water Depth Measured From the Casing Elevation (SWL_DEPTH)

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	1/1/2011	12/31/2011	1/1/2011			0		

Elevation of the Static Water (SWL_ELEV)

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	1/1/2011	12/31/2011	1/1/2011			0		

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Return Save Submit

**STATE OF WYOMING
CLASS V (5C3) CARWASH ANNUAL MONITORING
DEPARTMENT OF ENVIRONMENTAL QUALITY
REPORTING FORM FOR CLASS INJECTION WELLS**

This form shall accompany the submission of any report, documentation or data required by the UIC permit issued to this facility.

Company Name:	Jackson Hole Airport Board
Contact Person:	ED MCCOLLUM
Phone Number:	
Company Address:	, WY
Facility Name:	Industrial Drain (Car Wash)
Facility Number:	WYS-039-048
Permit Number:	11-066
Legal Location:	T:42.00 R:116.00 S:14.00

Report Frequency:	Annual
EDD Information:	Report ID = 169972; Facility ID = 3418; Sample ID = 1699

Sample Point:	Well WELL 88-056RR
Sample Point Type:	Monitoring Well
Formation	Alluvial

Report Comments:

Well shut-in or well not completed; no analytical data to report. (When checked, only lab data will be validated when submitting the report)

Nitrogen, Ammonia as N (N_NH3)

250 ml glass or plastic container, cool to 4 degrees, preserve with 5ml, 50% Sulfuric Acid or equivalent. Centigrade, holding time 28 days

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	1/1/2011	12/31/2011	1/1/2011			0-0.5	mg/L			Type Method Here	

Nitrate (NO3)

250 ml glass or plastic container, preserve with 5ml, 50% Sulfuric Acid or equivalent to pH or 2 or less.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	1/1/2011	12/31/2011	1/1/2011			0-10	mg/L			Type Method Here	

Solids, Total Dissolved (TDS)

200 ml glass or plastic container, cool to 4 degrees Centigrade, holding time 7 days.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	1/1/2011	12/31/2011	1/1/2011				MG/L			Type Method Here	

pH (pH)

100 ml sample must be measured on site.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	1/1/2011	12/31/2011	1/1/2011			0	pH	

Static Water Depth Measured From the Casing Elevation (SWL_DEPTH)

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	1/1/2011	12/31/2011	1/1/2011			0		

Elevation of the Static Water (SWL_ELEV)

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	1/1/2011	12/31/2011	1/1/2011			0		

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Return Save Submit

STATE OF WYOMING
CLASS V (5C3) CARWASH VOLUME REPORT
DEPARTMENT OF ENVIRONMENTAL QUALITY
UIC
REPORTING FORM FOR CLASS V INJECTION WELLS

This form shall accompany the submission of any report, documentation or data required by the UIC permit issued to this facility

Company Name:	Jackson Hole Airport Board
Contact Person:	ED MCCOLLUM
Phone Number:	
Company Address:	, WY
Facility Name:	Industrial Drain (Car Wash)
Facility Number:	WYS-039-048
Permit Number:	11-066
Legal Location:	T:42.00 R:116.00 S:14.00

Report Frequency:	Annual
EDD Information:	Report ID = 169973; Facility ID = 3418; Sample ID = 2469

Sample Point:	Well Septic System Jackson Hole Airport Carwash Fac
Sample Point Type:	Septic Tanks
Formation:	Formation 1

Report Comments:	Volume is to be reported as gallons per month (GPM)
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Well shut-in or well not completed; no analytical data to report. (When checked, only lab data will be validated when submitting the report)

Injection Volume Total (IVTot)

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Comments
FLD	1/1/2011	1/31/2011	1/1/2011				BELS 6PM	
FLD	2/1/2011	2/28/2011	2/1/2011				BELS 6PM	
FLD	3/1/2011	3/31/2011	3/1/2011				BELS 6PM	
FLD	4/1/2011	4/30/2011	4/1/2011				BELS 6PM	
FLD	5/1/2011	5/31/2011	5/1/2011				BELS 6PM	
FLD	6/1/2011	6/30/2011	6/1/2011				BELS 6PM	
FLD	7/1/2011	7/31/2011	7/1/2011				BELS 6PM	
FLD	8/1/2011	8/31/2011	8/1/2011				BELS 6PM	
FLD	9/1/2011	9/30/2011	9/1/2011				BELS 6PM	
FLD	10/1/2011	10/31/2011	10/1/2011				BELS 6PM	
FLD	11/1/2011	11/30/2011	11/1/2011				BELS 6PM	
FLD	12/1/2011	12/31/2011	12/1/2011				BELS 6PM	

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

**STATE OF WYOMING
CLASS V (5C3) OIL/GREASE INTERCEPTOR SLUDGE THICKNESS
DEPARTMENT OF ENVIRONMENTAL QUALITY
UIC
REPORTING FORM FOR CLASS V INJECTION WELLS**

This form shall accompany the submission of any report, documentation or data required by the UIC permit issued to this facility

Company Name:	Jackson Hole Airport Board
Contact Person:	ED MCCOLLUM
Phone Number:	
Company Address:	, WY
Facility Name:	Industrial Drain (Car Wash)
Facility Number:	WYS-039-048
Permit Number:	11-066
Legal Location:	T:42.00 R:116.00 S:14.00

Report Frequency:	Annual
EDD Information:	Report ID = 169974; Facility ID = 3418; Sample ID = 2469

Sample Point:	Well Septic System Jackson Hole Airport Carwash Fac
Sample Point Type:	Septic Tanks
Formation	Formation 1

Report Comments:	Oil/Grease Interceptor thickness to be reported in inches.
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Well shut-in or well not completed; no analytical data to report. (When checked, only lab data will be validated when submitting the report)

Oil & Grease (O_AND_G)

1000 ml glass container, preserves with 5 ml 50% Hydrochloric Acid to a pH of 2 or less. Holding time 28 days.

Data Type	Sample Period Start	Sample Period End	Sample Date	Sample Value	Detection Limit	Permit Limit	Units	Detect Flag	Qualifier	EPA Method	Comments
LAB	1/1/2011	1/31/2011	1/1/2011				MG/L			Type Method Here	
LAB	2/1/2011	2/28/2011	2/1/2011				MG/L			Type Method Here	
LAB	3/1/2011	3/31/2011	3/1/2011				MG/L			Type Method Here	
LAB	4/1/2011	4/30/2011	4/1/2011				MG/L			Type Method Here	
LAB	5/1/2011	5/31/2011	5/1/2011				MG/L			Type Method Here	
LAB	6/1/2011	6/30/2011	6/1/2011				MG/L			Type Method Here	
LAB	7/1/2011	7/31/2011	7/1/2011				MG/L			Type Method Here	
LAB	8/1/2011	8/31/2011	8/1/2011				MG/L			Type Method Here	
LAB	9/1/2011	9/30/2011	9/1/2011				MG/L			Type Method Here	
LAB	10/1/2011	10/31/2011	10/1/2011				MG/L			Type Method Here	
LAB	11/1/2011	11/30/2011	11/1/2011				MG/L			Type Method Here	
LAB	12/1/2011	12/31/2011	12/1/2011				MG/L			Type Method Here	

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

June, 2, 2011

Jackson Hole Airport Board – Carwash Facility
Attn: Paul Walters
P. O. Box 159
Jackson, WY 83001

RE: Jackson Hole Airport Board – Carwash Facility Septic System
Final Permit 11-066, Class V 5C3 Industrial Subsurface Fluid Distribution System
Teton County, Wyoming

Dear Mr. Walters:

Attached please find one copy of the Class V permit for the above referenced facility. The monitoring wells must be sampled annually, and reports must be submitted within 45 days of the end of each annual sampling period, by February 15th each calendar year. In addition, the injectate must be sampled during the month of August each year for all required parameters and the results reported to the UIC program by December 31st of the same year. Reporting 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,

Kathy Shreve
Environmental Program Principal
Water Quality Division
Wyoming Department of Environmental Quality

KS/rm/11-0530

Enclosure: Final Permit, Monitoring Report Template

cc: John Passehl, WDEQ



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 11-067

City of Gillette Madison Well 12
Madison Pipeline Project

This permit hereby authorizes the applicant:

City of Gillette
P.O. Box 3003
Gillette, Wyoming 82717-3003

to drill, construct, develop, test, and plumb the City of Gillette, Madison Well 12, according to the procedures and conditions of the application number 11-067. The project is located in northeast quarter of Section 36, Township 52 North, Range 67 West, in the county of Crook, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed within one year of issuance (July 20, 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 land application described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by Wyoming statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the State of Wyoming does not waive its sovereign immunity.

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

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

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

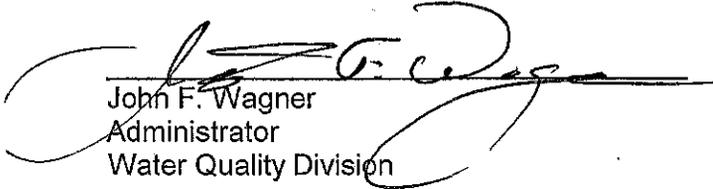
The permittee shall construct and operated the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 5 The applicant will provide immediate oral or written notice to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY 82601, Phone 307-473-3465, Fax 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY 82601 a certificate of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Dates that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer, if appropriate, is required. All modifications or deviations from the authorized plans must be highlighted.
 - e. Submit the following information with the Certificate of Completion:
 - 1) As-built construction documents;
 - 2) All logs including driller/geologist logs, geophysical logs, and bond logs; and
 - 3) A plumbness/alignment test;
 - 4) An aquifer test that meets the requirements of DEQ regulations of a constant rate (minimum 1.5 x design rate) for 24 hours, with drawdown and recovery records and aquifer/hydraulic properties;
 - 5) A copy of the water quality analytical testing for the required constituents and disinfection information;
 - 6) Any other applicable information/documentation.
 - 7)
- 3 of 5 Disinfection, in accordance with Chapter 12, Section 9(b)(A)(II), Wyoming Water Quality Rules and Regulations, shall be performed.
- 4 of 5 The applicant will perform yield and drawdown tests in accordance with Chapter 12, Section 9(b)(ii). Results of these tests are to be provided with the Certificated of Completion.

5 of 5 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

7/20/11
Date of Issuance

JDL/rm/11-0682

cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: 11-067
2. Application reviewed for compliance with the following applicable regulations :
 - a. Chapter 3, 12, and 26 Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?

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

Facility will have a variance of Section 9 (b) (iii) (c) (IV), lightweight cement slurry. The lightweight cement slurry will be required to meet Wyoming Oil and Gas Commission rules Section 22(a)(ii) and be approved by WDEQ before being used in the well construction.
5. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Dennis Lamb, and completed on July 20, 2011. 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."

**REVIEW OF PLANS & SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION**

PROJECT: City of Gillette Madison Pipeline Project Test Wells- Madison 12

ENGINEER: Casey M. Hanson, P.E., Morrison Maierle, Inc.,
801 East Fourth Street, Unit 20, Gillette, WY 82716

APPLICANT: City of Gillette, Steve Peterson, P.E., P.O. Box 3003,
Gillette, WY 82717-3003

WATER QUALITY DIVISION APPLICATION NUMBER: 11-067

REVIEWING ENGINEER: Dennis Lamb, P.G.
Karen L. Farley, P.E.

DATE OF REVIEW: April 19, 2011

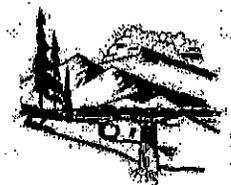
ACTION: NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 14 (a), Chapter 3, Wyoming Water Quality Rules and Regulations (WWQRR), these applications are denied because they are incomplete. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with Section 9 of Chapter 3 of the WWQRR. If the applicant fails to provide the requested information within six months the incomplete applications shall be returned. This review may not include all deficiencies and shall not be construed as a complete comprehensive list.

- 1) The Chapter 3 permit application form has the City of Gillette as the real estate owner. Section 36, Township 52 North, Range 67 West is a state section and needs to have an authorized signer for the state land on the Chapter 3 form.
- 2) Please provide an engineering design report that addresses the requirements for well construction, completion, testing, etc. as per Chapters 12 and 26 of the Water Quality Rules and Regulations.
- 3) The application does not discuss the potential for sources of contamination in the recharge areas. This can be very critical in the Madison aquifer systems.
- 4) The design report must be sealed and signed by a Wyoming Professional Geologist and/or Professional Engineer.



Department of Environmental Quality

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



Matthew H. Mead, Governor

152 N. Durbin St., Suite 100 • Casper, WY 82601 • (307) 473-3450

John Corra, Director

NOTIFICATION OF COVERAGE

April 13, 2011

Mac MacPherson
Town of Mills
704 4th Street
Casper, WY 82604

RE: Town of Mills – Wyoming Boulevard, Water Line Replacement, WDEQ #11-068
Natrona County, Wyoming

Dear Mr. MacPherson:

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 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. 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, P.E.
Northeast District Engineer, Water Quality Division

Enclosures: Certificate of Completion

cc: Matt Williams, P.E., WLC, 200 Pronghorn, Casper, WY 82601
Lowell Fleenor, District Engineer, State of Wyoming, 900 Bryon Stock Trail, Casper, WY 82602
WDEQ File, IPS





Department of Environmental Quality

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



Matt Mead, Governor

152 N. Durbin St., Suite 100 · Casper, WY 82601 · (307) 473-3450

John Corra, Director

March 3, 2011

Matt Williams, P.E.
WLC
200 Pronghorn
Casper, WY 82601

RE: Wyoming Boulevard Waterline Replacement, Mills, WY
WDEQ Application #11-068

Dear Mr. Williams:

We have completed our review of the permit application submitted on February 24, 2011. Attached you will find a summary of the review comments. Please provide the information requested as soon as possible. Please feel free to contact me at (307) 473-3478 should you have any questions related to these comments or the application and review process.

Sincerely,

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

Attachments: WDEQ Comments

cc: Mac MacPherson, Public Works Director, Town of Mills, P.O. Box 789, Mills WY 82644
IPS
WDEQ File



REVIEW OF PLANS & SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
152 North Durbin Street, Suite 100
Casper, Wyoming 82601
Phone (307) 473-3465

PROJECT: Wyoming Boulevard Waterline Replacement

LOCATION: Mills, Wyoming

ENGINEER: WLC Engineering, Surveying, and Planning

APPLICANT: Town of Mills

WATER QUALITY DIVISION APPLICATION NUMBER: 11-068

DATE ON PROPOSAL/PLANS/REPORT: February 2011

DATE RECEIVED BY DEQ: February 24, 2011

DATE OF THIS REVIEW: March 3, 2011

WDEQ REVIEWER: Karen L. Farley, P.E.

ACTION: **NOT AUTHORIZED FOR CONSTRUCTION.** In accordance with Chapter 3, Section 14 (a), Wyoming Water Quality Rules and Regulations (WWQRR), the application is denied because it is incomplete and/or contains errors. Please address the comments outlined below and submit the requested information/clarifications in order that the application process may be completed in accordance with Chapter 3, Section 9 of the WWQRR. If the applicant fails to provide the requested information within six months, the incomplete application shall be returned. **This review may not include all deficiencies and shall not be construed as a complete comprehensive list.**

WDEQ COMMENTS

WATER SYSTEM IMPROVEMENTS

- 1) Chapter 12, Section 7(b) – Please provide a cover sheet that shows the project area, topography and boundaries of the project.
- 2) Chapter 12, Section 6(d) – Please provide information on the hazard classification for each service line that is to be re-connected. Appropriate backflow prevention devices (if needed) must be installed prior to connecting to the new water main.
- 3) The design report states that the replaced water lines will be placed 10' inside Wyoming Boulevard. Are the waterlines now in an area that is owned by the state or by the Town? If they

are on state property, then WYDOT will need to sign the application as the real estate owner; the Town would be listed as the Operator.

- 4) Chapter 12, Section 7(c)(iv) – Is information available on the existing sanitary mains as far as elevations? It would be helpful to include the sanitary profile in the drawings.
- 5) Chapter 12, Section 14(a)(ii) – Please provide information on the existing valve shown to remain in place on Sheet 3, north end, at the tie in location. If the valve is not in good working order, it will need to be replaced. This applies to the tie-in location on Connie Street.



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Matthew H. Mead, Governor

152 N. Durbin St., Suite 100 • Casper, WY 82601 • (307) 473-3450

John Corra, Director

NOTIFICATION OF COVERAGE

March 28, 2011

Steve Blakeman
Mayor
Town of Moorcroft
P.O. Box 70
Moorcroft, WY 82721

RE: Maintenance Building Water and Sewer Line Installation,
Crook County, WDEQ #11-069

Dear Mayor Blakeman:

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 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. 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, P.E.
Northeast District Engineer, Water Quality Division

Enclosures: Certificate of Completion

cc: Bill A. Carson, P.E., Stetson Engineering, Inc., P.O. Box 457, Gillette, WY 82717
WDEQ File
IPS





Department of Environmental Quality

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Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 1, 2011

Charlie Stickney, Operator
South Thermopolis Water & Sewer District
P.O. Box 889
Thermopolis, WY 82443

RE: South Thermopolis Water & Sewer District Temporary Pump Bypass, Permit Number: 11-070, Latitude 41° 38' 02" N., Longitude 108° 13' 18" W., Hot Springs County

Dear Mr. Stickney:

This project involves installing a temporary bypass line equipped with a jockey pump around an existing 8-inch double check valve assembly in order to adequately fill the South Thermopolis Storage Tank. This 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 facilities in accordance with the general permits and 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 which can be downloaded from the Wyoming Department of Environmental Quality webpage at:

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

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

Sincerely,

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

xc: Robert Norton, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001
IPS, Cheyenne

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) 332-8924
FAX 332-7726

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 11-072

REFERENCE PERMIT NO. 08-824

Sanitary Sewer System Phase II, School Creek Mine

This permit hereby authorizes the applicant:

Peabody School Creek Mining, LLC
Scott Durgin
Caller Box 3045
Gillette, WY 82717

to construct, install, and/or modify the Sanitary Sewer System Phase II, School Creek Mine project, including the construction of sewage lagoons to upgrade the existing School Creek Mine sewage system according to the procedures and conditions of the application number 11-072. The improvements are located north east of the City of Casper, Natrona County, Wyoming, within the Wardwell Water and Sewer District service area. All construction, installation, or modification allowed by this permit shall be completed by **December 31, 2013**.

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 3

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 3

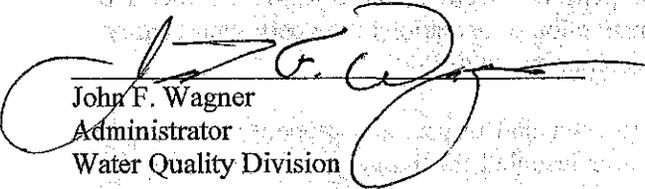
Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate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

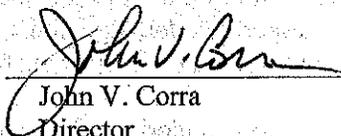
- a. Date that construction of the facility was completed; and
- b. Date that the facility was placed in operation; and
- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications.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

4/13/11
Date of Issuance

KLF/rm/11-0351

cc: Edward S. Scott, P.E., Consolidated Engineers, Inc., 316 S. Gillette Avenue
Phillip Giffin, P.E., Campbell County Public Works, 500 S. Gillette Avenue, Suite 1400, Gillette, WY 82716

STATEMENT OF BASIS

1. Permit Number: **11-072**
2. Application reviewed for compliance with the following applicable regulations :
Chapter 3 and Chapter 11 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?

YES
4. Facilities include components not specifically covered 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 April 13, 2011. 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

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ew H. Mead, Governor

152 N. Durbin St., Suite 100 · Casper, WY 82601 · (307) 473-3450

John Corra, Director

NOTIFICATION OF COVERAGE

March 29, 2011

Philip G. Hinds
Mayor
Town of Evansville
235 Curtis Street
Evansville, WY 82636

RE: 5th Street Waterline Replacement, Town of Evansville, WDEQ #11-073

Dear Mayor Hinds:

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 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. 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, P.E.
Northeast District Engineer, Water Quality Division

Enclosures: Certificate of Completion

cc: Bradley Holwegner, P.E., WLC, 200 Pronghorn Street, Casper, WY 82601
WDEQ File
IPS





Department of Environmental Quality

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Matt Mead, Governor

152 N. Durbin St., Suite 100 · Casper, WY 82601 · (307) 473-3450

John Corra, Director

March 2, 2011

Bradley Holwegner, P.E.
WLC
200 Pronghorn
Casper, WY 82601

RE: 5th Street Waterline Replacement, Evansville, WY
WDEQ Application #11-073

Dear Mr. Holwegner:

We have completed our review of the permit application submitted on February 8, 2011. Attached you will find a summary of the review comments. Please provide the information requested as soon as possible. Please feel free to contact me at (307) 473-3478 should you have any questions related to these comments or the application and review process.

Sincerely,

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

Attachments: WDEQ Comments

cc: Philip G. Hinds, Mayor, Town of Evansville, 235 Curtis Street, Evansville, WY 82636
Dave Hill, City of Casper, 200 North David, Casper, WY 82601
IPS
WDEQ File



REVIEW OF PLANS & SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
152 North Durbin Street, Suite 100
Casper, Wyoming 82601
Phone (307) 473-3465

PROJECT: 5th Street Waterline Replacement
LOCATION: Evansville, Wyoming
ENGINEER: WLC Engineering, Surveying, and Planning
APPLICANT: Town of Evansville

WATER QUALITY DIVISION APPLICATION NUMBER: 11-073

DATE ON PROPOSAL/PLANS/REPORT: February 2011

DATE RECEIVED BY DEQ: February 8, 2011

DATE OF THIS REVIEW: March 2, 2011

WDEQ REVIEWER: Karen L. Farley, P.E.

ACTION: **NOT AUTHORIZED FOR CONSTRUCTION.** In accordance with Chapter 3, Section 14 (a), Wyoming Water Quality Rules and Regulations (WWQRR), the application is denied because it is incomplete and/or contains errors. Please address the comments outlined below and submit the requested information/clarifications in order that the application process may be completed in accordance with Chapter 3, Section 9 of the WWQRR. If the applicant fails to provide the requested information within six months, the incomplete application shall be returned. **This review may not include all deficiencies and shall not be construed as a complete comprehensive list.**

WDEQ COMMENTS

WATER SYSTEM IMPROVEMENTS

- 1) Chapter 12, Section (c)(iv) – Is information available on the existing sanitary mains as far as elevations? It would be helpful to include the sanitary profile in the drawings. Many of the water services will be crossing the main as well as the water services crossing the sanitary main.
- 2) Chapter 12, Section 14 – The water main crossing with the force main will need to be either flow-filled, or the water main encased. 18” vertical separation when the sewer main is above the water main is not adequate isolation. This also applies to the crossing with the 8” VCP Sanitary Sewer main (Sheet 10).

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 11-074

REFERENCE PERMIT NO. 82-551

NARM West Sewer System Upgrade 2011

This permit hereby authorizes the applicant:

Peabody Powder River Mining, LLC
Scott Durgin
Caller Box 3045
Gillette, WY 82717

to construct, install, and/or modify the NARM West Sewer System Upgrade 2011, including the expansion and upgrading of the sewage lagoons for the existing North Antelope Rochelle Mine West sewage system, according to the procedures and conditions of the application number 11-074. The facility is located in the SW ¼, SE ¼, of Section 16, Township 41 North, Range 70 West, Campbell County, Wyoming. All construction, installation, or modification allowed by this permit shall be completed by **December 31, 2013.**

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

AUTHORIZED BY:

for John F. Wagner
John F. Wagner
Administrator
Water Quality Division

John V. Corra
John V. Corra
Director
Department of Environmental Quality

9 June 2011
Date of Issuance

KLF/rm/11-0352-Revised

cc: Edward S. Scott, P.E., Consolidated Engineers, Inc., 316 S. Gillette Avenue
Phillip Giffin, P.E., Campbell County Public Works, 500 S. Gillette Avenue, Suite 1400, Gillette, WY 82716

STATEMENT OF BASIS

1. Permit Number: **11-074**
2. Application reviewed for compliance with the following applicable regulations :
Chapter 3 and Chapter 11 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?
YES
4. Facilities include components not specifically covered 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 June 9, 2011. 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

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Matthew H. Mead, Governor

152 N. Durbin St., Suite 100 · Casper, WY 82601 · (307) 473-3450

John Corra, Director

June 9, 2011

Philip Murphree
Peabody Powder River Services, LLC
Caller Box 3034
Gillette, WY 82717

Re: Peabody Powder River Mining, LLC – Permit Number 11-074

Dear Mr. Murphree:

The applicant listed on Permit Number 11-074 should have been written as Peabody Powder River Mining, LLC. The applicant was written as Peabody School Creek Mining, LLC on the first page of Permit Number 11-074.

If you have any questions, please contact me at 307.473.3478

Sincerely,

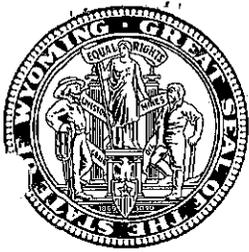
Karen L. Farley, P.E.
Northeast District Engineer
Water Quality Division

cc: IPS, Cheyenne
Casper DEQ File

John C.

This letter explains why we are re-issuing the permit. We confused ourselves. Thanks.





Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

September 6, 2011

CERTIFIED

Southeast Wyoming Juvenile Center
Attn: Mr. Jack Enright
3304 EI80 Service Road
Cheyenne, WY 82009

RE: Southeast Wyoming Juvenile Center Septic System
Final Permit **11-075**, Class V Permit
Laramie County, Wyoming

Dear Mr. Enright:

Attached please find one copy of the Class V septic system permit for the facility referenced above. This permit requires annual inspection and periodic pumping of the septic tanks. 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 Electronic Data Deliverable (EDD) at the following site: <https://gem.trihydro.com>. For your convenience, the Wyoming Department of Environmental Quality (WDEQ) has printed the inspection forms and enclosed them in this mailing, you may use the paper forms to report your inspection and monitoring activities to WDEQ.

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) 777-6682 or by email at kathy.shreve@wyo.gov

Sincerely,

Kathy Shreve
Environmental Program Principal
Water Quality Division
Wyoming Department of Environmental Quality

KS/rm/11-0814

Enclosure: Permit
Monitoring Report Forms

cc: Kevin Frederick, WDEQ
John Passehl, WDEQ



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

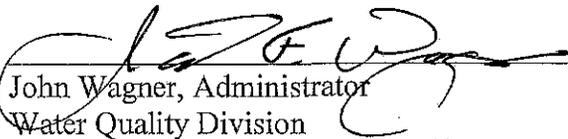
<input type="checkbox"/> New	Permit Number 11-075
<input checked="" type="checkbox"/> Modified (Renewal)	Previous Permit Number(s) UIC 00-205
	Facility Number WYS-021-054
	State Subclass: 5E3

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: Southeast Wyoming Juvenile Center
Attn: Mr. Jack Enright
3304 EI80 Service Road
Cheyenne, WY 82009
(307) 633-8040

Southeast Wyoming Juvenile Center, hereafter referred to as the permittee, is authorized to continue operating the septic system located in the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 22, Township 14 North, Range 65 West, of the 6th Principal Meridian, Laramie County. The permittee is allowed to operate the facility according to the procedures, conditions, and requirements of this permit.

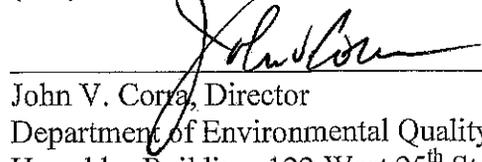
This permit shall become effective on date of issuance.



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

9/6/11

Date



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

9/6/11

Date

KS/rm/11-0814

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A. Discharge Zone

The septic system is authorized to inject 4,500 gallons per day average, and 9,600 gallons per day maximum. The primary treated wastewater is injected into the Ogallala Aquifer. Distance to groundwater is approximately 50 feet below land surface.

B. Well and Area of Review

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

SW¼ of the SW¼ of Section 22, Township 14 North, Range 65 West, of the 6th Principal Meridian, Laramie County

The Area of Review is defined as a circular 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	20	Percent
Maximum Injection Rate	9,600	GPD
Thickness of Receiver	45	Feet
Area of Review	360	Acres
Hydraulic Conductivity	12	Feet/Day

C. Groundwater Classification

The groundwater in the Ogallala Aquifer is classified as 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 several nearby points of withdrawal. Ground water 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 9,600 gallons per day maximum and 4,500 gallons per day average. The wastewater is produced from a residential juvenile facility, and consists of primarily treated domestic wastewater. The wastewater is injected into the Ogallala Aquifer. The wastewater is described as primary treated domestic sewage from septic tanks.

If additional sewage flows are added beyond those identified in the permit application, the leach field 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, Chapters 11, 16, and 25.

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.

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.

I. Requirements for Monitoring the Discharge

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 semi-annually and reported annually:

Table 2 (Annual Groundwater Monitoring Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT or UCL
Monitoring Well MW-1	Semi-Annually (January – June and July-December)	EPA A 4500 NH ₃ G	Ammonia as N	0.50 mg/L
		EPA 300.0	Chloride	250 mg/L
		EPA 353.2	Nitrate as N	10 mg/L
		Steel tape with chalk or electronic tape	Depth to static water level	Not applicable
Southeast Wyoming Juvenile Center Public Water Supply Well	Semi-Annually (January – June and July-December)	Microbiological Methods for Monitoring the Environment p. 108	Fecal Coliform	0 colony/100 ml
		EPA A 4500 NH ₃ G	Ammonia as N	0.50 mg/L
		EPA 300.0	Chloride	250 mg/L
		EPA 353.2	Nitrate as N	10 mg/L
		Casing elevation must be surveyed	Top of casing elevation (ft)	Not applicable
Septic Tanks	Semi-Annually (January – June and July-December)	Flow Meters	Total Volume Injected	9,600 gallons per day
	Annually, at end of summer season	Visual	Inspection of sludge depth in tank	Not applicable, but septic tanks are to be pumped as indicated by the results of the visual inspection

*All applicable chemical concentrations in this permit are expressed as total (not dissolved) in mg/l unless otherwise noted. The septic tanks serving the Southeast Wyoming Juvenile Center are to be inspected at minimum annually, and must be pumped as necessary. A copy of the invoice for pumping the tanks is to be included with the annual report.

The grease trap and septic tanks must be inspected annually and pumped at least every 5 years. Sludge depth is not to exceed 24" in the septic tanks and 6" in the grease traps.

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, additional 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.

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

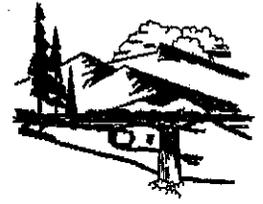
This permit does not convey any property rights of any sort or any exclusive privilege. This permit does not authorize injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

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.



Department of Environmental Quality



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Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 2, 2011

Eugene Ninnie, P.E.
Town of Pinedale
P.O. Box 709
Pinedale, WY 82941

RE: Town of Pinedale - Faler Avenue Rehabilitation Project - Permit Number 11-076, SW 1/4, Section 34, T34N, R109W, Sublette County

Dear Mr. Ninnie:

The above application for coverage under General Permits to Construct the extension of a public water supply distribution system consisting of about 1220 linear feet (LF) of 10-inch and 41(LF) of 6-inch ductile iron water main and the extension of a sewage collection system consisting of about 920 LF of 8-inch PVC sewer main in accordance with Chapter 3, Section 7, Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General 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,

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

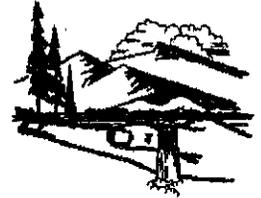
PDF to Cheyenne
Mark C. Eater, P.E., Rio Verde Engineering, P.O. Box 642, Pinedale, WY 82941

Page 1 of 1





Department of Environmental Quality



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Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 3, 2011

Robert Stoddard
Bridger Valley Joint Power Board
P.O. Box 615
Mountain View, WY 82939

RE: Bridger Valley Joint Power Board - Highway 414 Water Line Crossings - Permit Number 11-077, SW 1/4, Section 12, T15N, R114W, Uinta County

Dear Mr. Stoddard:

The above application for coverage under General Permit to Construct the extension of a public water supply distribution system consisting of about 272 linear feet of 12-inch PVC water main at County Road 218 and about 118 linear feet of 8-inch PVC water main at Bridger Valley Lane in accordance with Chapter 3 Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities 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. 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,

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

PDF to Cheyenne
Gareth Powell, P.E., Uinta Engineering & Surveying, 808 Main Street, Evanston, Wyoming 82930





Department of Environmental Quality

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Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 23, 2011

Sam Saunders
106 Rohan Avenue
Gillette, WY 82716

RE: Campbell County Fire Station #7 Small Commercial Wastewater System, Campbell County
Location: NE ¼, SE ¼, Section 25, T50N, Range 72W; 1200 Garner Lake Road Permit # 11-078

Dear Mr. Saunders:

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 condition applies:

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.

Please contact the Campbell County Building and Zoning Department at 307.682.1970 for compliance with any further county regulations. **Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.** Please contact me with questions at 307.777.6941.

Sincerely,

Suzanne Engels
WDEQ/WQD

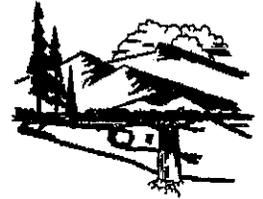
SE/rm/11-0277

cc: IPS, Cheyenne
WYDEQ Casper File
John Boniface, Campbell County Public Works, 500 S Gillette Avenue, Suite 1400, Gillette, WY 82716
Edward Scott, CEI, PO Box 1035, Gillette, WY 82717





Department of Environmental Quality



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Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 24, 2011

William Madasz, Chief Operator
Teton Village Water and Sewer District
P.O. Box 586
Teton Village, WY 83025



RE: Teton Village Commercial Sewer Main Replacement (2011). DEQ Permit #11-079, Teton County, Latitude 43.5874° Longitude 110.8275°

Dear Mr. Madasz,

This project consists of the replacement of existing order six year old 8-inch diameter place sewer line with new 8-inch diameter PVC sewer pipe, including manholes.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Part B 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.

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 Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,

Hannes E. Stueckler, P.E.
Assistant Northwest District Engineer
Water Quality Division

xc: PDF to Cheyenne
Robert R. Norton P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001





Department of Environmental Quality

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Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 31, 2011

Andrew B. Smith
5520 Pilot Peak Road
Laramie, WY 82070

RE: Smith Whiterock Cabin Septic System,
Location: NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 18, T18N, R79W,
Block 11, Lot 1, White Rock Estates

Application No. **11-080**
Carbon County

Dear Mr. Smith:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1050 gallon polyethylene septic tank and 12 units of "Infiltrator" Quick4 EQ36 model chambers divided into 2 equal trenches of 26.5 feet long each for a 1 bedroom cabin in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific condition also applies:

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.

The approval granted under this Notification Of Coverage and the General Permit shall expire on March 31, 2013. Please reference Application Number 11-080 in any future correspondence.

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-6937	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 questions, please contact me at either rewald@wyo.gov or (307) 777-6183.

Sincerely,

A handwritten signature in cursive script that reads "Ronald L. Ewald".

Ronald L. Ewald
Assistant Southeast District Engineer
Southeast District, Water & Wastewater Section
Water Quality Division

RLE/rm/11-0318

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

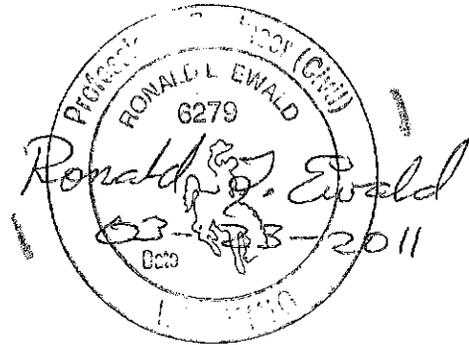
cc: IPS, Cheyenne
Kristy Rowan, Carbon County Planning Office, Carbon Building, 215 West
Buffalo Street, Suite 336, Rawlins, Wyoming 82301

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

PROJECT: Smith Whiterock Cabin Septic System
LOCATION: NE¼, NE¼, Section 18, T18N, R79W, **Carbon County**
ENGINEER: None
APPLICANT: Andrew B. Smith
5520 Pilot Peak Road
Laramie, Wyoming 82070
Ph: (307) 760-9018

WATER QUALITY DIVISION REFERENCE #: 11-080

REVIEWING ENGINEER: Ronald L. Ewald
Phone: (307) 777-6183
DATE OF REVIEW: March 23, 2011



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. **Miscalculation of Minimum Leachfield Size** - the minimum leachfield size was substantially under calculated because of an apparent error in reading the "Chamber Equivalent Area" table. Throughout the application the leachfield chambers that are indicated to be used are *Infiltrator Quick4 EQ36* units. However on page 23 an equivalent area of 42 sq.ft. per unit was used to calculate the minimum leachfield area, which is the equivalent area for a regular EQ36 unit 8.42

feet long. The correct equivalent area for the Quick4 EQ36 model is 18.5 sf per unit. This will more than double the number of chamber units required, and since the end of your proposed trench is already only 53 feet from the drainage ditch, the extra length will either have to be added at the head end of the trench or go to two trenches.

You need to recalculate the correct minimum leachfield size and then adjust both your site plan layout and chambered trench detail sheet (single or two trench) to fit the corrected minimum size. Your lot is only 1.00 acre so you will have to check that everything will fit into it as needed.

2. Unanswered Questions - several important questions in the application were left unanswered. These are important questions because this lot is in an area close to Wagonhound Creek and therefore must be answered before this review is completed. The questions are in three sections. First, "Impermeable Layer" (pg 10): Was a rock layer observed? Yes or No. And, was a clay layer observed? Yes or No. The next section is the "Seasonally High Groundwater" section. Was groundwater present in the excavation? Yes or No. Did the soil have a mottled color? Yes or No. And, was the soil stained a dark color or was a salt/alkali layer encountered? Yes or No.

To answer these questions you will need to go back to the "Excavation" section and make the needed excavation so that the required questions that follow can be answered.

RLE/rm/11-0284

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 11-081

Granite Creek Campground Water Treatment System
PWS #WY5680137

This permit hereby authorizes the applicant:

Todd Seeton
Granite Management
Box 8075
Jackson, WY 83002

to install a water treatment system that consists of a 12-volt DC solar battery system, water booster pump, flow meter, 5-micron filter, 1-micron absolute filter, UV unit, sodium hypochlorite injection system, and a new 1700-gallon storage tank, according to the procedures and conditions of the application number 11-081. The campground's spring source was determined by EPA to be under the direct influence of surface water and the purpose of this project is to bring the system into compliance with EPA's LT2 Surface Water Treatment Regulations. The campground's maximum daily use was determined to be 500 gallons per day and the water treatment system is sized to treat about 1.4 gallons per minute or 2,000 gallons per day. This project is located at Northeast ¼, Section 7, Section 39, and Range 113 West in the county of Teton, in the state of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by May 31, 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.

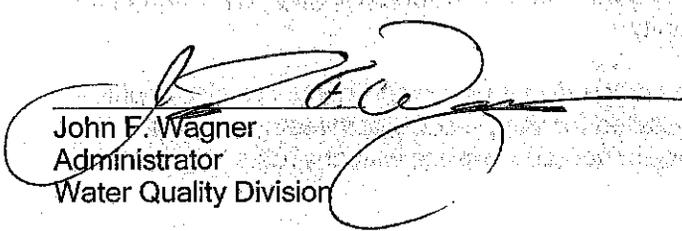
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

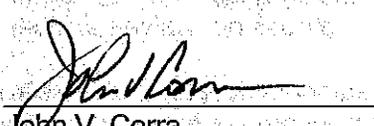
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 Dr., 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 The owner is purchasing a Sterilight S2Q-PA which is an UV unit that will run on 12-volt DC power; however, it doesn't have a UV intensity sensor. The applicant has agreed that since the UV lamp is not equipped with an intensity sensor, that they will replace the UV lamp on a yearly basis. As an alternative to annual replacement of the UV lamp, the system management may opt to purchase a UV unit in the future that is equipped with an intensity sensor.
- 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

3/21/11
Date of Issuance

JSB/rm/11-0252

STATEMENT OF BASIS

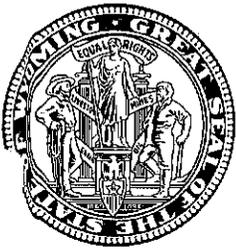
1. Permit Number: 11-081
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above? Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No
5. 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 Brough, jbroug@state.wy.us, Northwest District Engineer and completed on March 18, 2011. 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 Ablondi, P.E., Rendezvous Engineering, P.O. Box 4858, Jackson, WY 83001

F:\DIVISION\WQDW&WW Section\2011 Permits & Reviews\11-081.pc.jsb.doc



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 24, 2011

Jeffrey Pecenka
Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne WY 82001

RE: 2011 Water Rehabilitation Projects
Application No. **11-082**, Laramie County

Dear Mr. Pecenka:

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 aged or problem water mains in various locations throughout Cheyenne, SW ¼ NW 1/4, Section 1, T13N, R67W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by March 11, 2013.

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. **11-082** in any future correspondence.

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

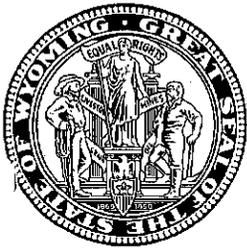
Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/11-0289

cc: IPS, Cheyenne
Jeffrey Pecenka, C.B.O.P.U., P.O. BOX 1469, Cheyenne, WY 82001





Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

June 20, 2011

Brush Creek, LLC
Attn: Lawrence E. Burnell, Assistant Manager
Star Route 10
Saratoga, Wyoming 82331

RE: Brush Creek Ranch – Employee Housing Septic System,
Location: NE¼ Section 28, T16N, R82W,

Application No. 11-083
Carbon County

Dear Mr. Burnell:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1000 gallon and 3000 gallon, two compartment concrete septic tanks, a lift station, 414 feet of 2" PVC force main, an 8-outlet distribution box, and about 580 feet of chamber type bed leachfield divided into eight equal length rows for two employee buildings for 40 people and a maintenance barn with a total design flow of 1990 gpd 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 25 of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

The approval granted under this Notification Of Coverage and the General Permit shall expire on June 17, 2013. Please reference Application Number 11-083 in any future correspondence.

If you have any questions, please contact me at either ron.ewald@wyo.gov or by phone at (307) 777-6183.

Sincerely,

Ronald L. Ewald
Assistant Southeast District Engineer
Southeast District, Water & Wastewater Section
Water Quality Division

RLE/rm/11-0573

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Mark Butler, Inberg-Miller Engineers, 350 Parsley Boulevard, Cheyenne, WY 82007
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: Brush Creek Ranch Employee Housing Buildings – Septic System

LOCATION: NE¼, Section 28, T16N, R82W; Carbon County

ENGINEER: Mark Butler
Inberg-Miller Engineers
350 Parsley Boulevard
Cheyenne, WY 82007
Ph: 635-6827

APPLICANT: Brush Creek, LLC
Attn. Lawrence E. Burnell, Assistant Manager
Star Route 10
Saratoga, WY 82331
Ph: (219) 769-3267

WATER QUALITY DIVISION REFERENCE #:

11-083

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

DATE OF REVIEW: March 30, 2011



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. Leach Chamber Equivalent Area Value Used Incorrect - the proposed leachfield as designed is not a trench system because there is not a minimum of 3 feet of undisturbed soil between the leach chamber rows. It is a mounded system design with the "trenches" dug into the mounded, compacted, disturbed soil; so it can't be a trench system by definition and regulation. What is really proposed is a "bed system" design. The equivalent area for a Quick4 High Capacity chamber unit in a bed design is 22.5 sq.ft. per unit, not the 30.3 sq.ft. value (trench design) used to calculate the minimum required infiltrative surface area.

Obviously, if the 22.5 value is used the minimum size of the leachfield will increase significantly, even to the point where 4 rows of chambers will be well past 100 feet long. It is highly recommended by the Water Quality Division (WQD) that leachfield chamber rows not be longer than 100 feet, and 75 to 80 feet would be even better.

The leachfield design will have to be reconsidered and redesigned, perhaps with 5 or 6 rows of chambers, and/or perhaps using at-grade design components which makes the only purpose of the mound for cover and freeze protection only.

2. Percolation Test Procedural Questions - percolation (perc) tests should always be conducted in test holes that are approximately the same depth as the bottom of the proposed leachfield bed or trenches. Although the depth of the perc test holes is not directly indicated in the submittal, it can be inferred from the data that the test holes were more than 2 feet deep, and probably closer to 3 feet deep. The proposed design for this leachfield has the bottoms of the leach chambers no deeper than about 6" below grade. Perc rates determined at 3 feet deep and 6" deep can be noticeably different, depending on the local conditions. Therefore, an attempt should be made to redo the perc tests at depths of no more than 12" deep, and apply these results to the recalculation of the minimum infiltrative surface area required.

If you should have any questions about these concerns or comments, please call me at the number listed above.

RLE/rm/11-0312

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 11-084

REFERENCE PERMIT NO. 10-341

SOUTHEAST WYOMING WELCOME CENTER
PWS NOT ASSIGNED

This permit hereby authorizes the applicant:

Wyoming Department of Transportation
5300 Bishop Blvd
Cheyenne, WY 82009

to construct, install or modify a chlorine disinfection system, 5 hp pump, two 158 gallon hydropneumatic tanks, installation of approximately 4370 feet of 8 inch water main for fire suppression, installation of a 6 inch fire sprinkler line, three new fire hydrants, installation of one 3 inch domestic water service, installation of approximately 1205 feet of 4 PVC inch sewer force main, installation of approximately 1035 ft of 8 inch SDR 35 PVC sanitary sewer main, five 48 inch manholes, sanitary sewer lift station, generator for backup power, SCADA, installation of two RV dump stations according to the procedures and conditions of the application number 11-084. The facility is located adjacent to Interstate 25 in NW ¼ Section 34, T13N R67W; Laramie County in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed April 13, 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.

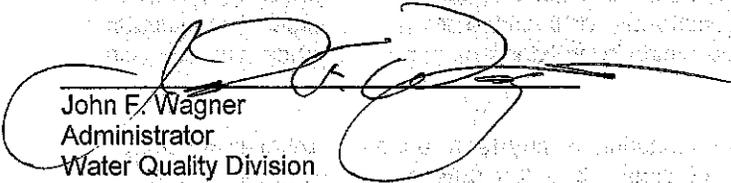
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

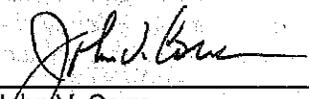
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

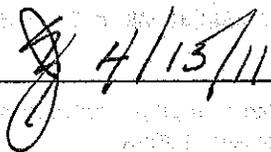
- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7075, FAX 307-777-7610, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 An operation and maintenance manual for the water and wastewater systems 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. The operation and maintenance manual for the wastewater system should meet the requirements of Section 24, Chapter 11, Wyoming Water Quality Rules and Regulations.
- 3 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.
- 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



RRC/rm/11-0353

cc: Erin Gates, Benchmark Engineers, 1920 Thomas Ave., Suite 620, Cheyenne, WY 82001

STATEMENT OF BASIS

1. Permit Number: **11-084**
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. 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 April 13, 2011. 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.



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 30, 2011

Steven Kelley, Public Works Director
P.O. Box 243
Chugwater, WY 82210

RE: Town of Chugwater Water, Sewer & Street Improvements 2011
Application No. **11-085**, Platte County

Dear Mr. Kelley:

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 approximate 610 LF of 8 inch PVC water main, install six new manholes and installation of approximate 1440 LF of 6 inch PVC sanitary sewer, Section 30, T21N R66W; Platte 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 30, 2013.

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. **11-085** 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/11-0307

Enclosure: Certificate of Completion

cc: IPS, Cheyenne
Timothy D. Eisenhauer, Baker & Assoc., 1401 East M Street, Torrington WY 82240





Department of Environmental Quality

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



Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 21, 2011

Patti Patterson, President
Teton County Housing Authority
P.O. Box 714
Jackson, WY 83001

RE: 5-2-5 Hall Sewer & Water Lines Project, Permit Number: 11-086, NE 1/4, Lot 50, T. 41 N., R. 116 W, Teton County County

Dear Mrs. Patterson:

This project involves the installation of about 300 linear feet of 8-inch sewer line and about 185 linear feet of 2-inch water line to serve twelve condominium units. This application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Section 9; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct the facilities in accordance with the general permits and 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 which can be downloaded from the Wyoming Department of Environmental Quality webpage at:

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

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

Sincerely,

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

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

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) 332-6765
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
AS-BUILT PERMIT TO CONSTRUCT

PERMIT NO. 11-087

Horseshoe Bend Well #1
PWS #WY 5680175

This permit hereby authorizes the applicant:

Donald R. Fernau, N.R.S. Operator
Bighorn Canyon National Recreation Area
#20 Highway 14A- East
Lovell, WY 83012

to have completed and equipped Horseshoe Bend Well #1; according to the procedures and conditions of the application number 11-087. Permit 09-214 was issued for the drilling and testing of this well; this permit is issued for the completion and equipping of this well. The well is located about 10.8 miles northwest of Lovell Wyoming and located at latitude 44.963, longitude 108.268 and in the county of Teton, in the State of Wyoming.

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.

STATEMENT OF BASIS

1. Permit Number: 11-087
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 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 E. Stueckler, hstuec@wyo.gov, Environmental Engineer and completed on March 23, 2011. 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.



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 29, 2011

Town of Pine Bluffs
William Shain, Mayor
220 Main Street
Pine Bluffs, WY 82082

RE: Town of Pine Bluffs Sewer System Improvement Project; Change Orders 2 & 3
Application No. **11-088**, Laramie County

Dear Mr. Shain:

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 replace approximately 300 ft of existing 8 in clay tile sanitary sewer with new 8 inch SDR 35 PVC pipe and installation of 2 manholes, Section 15, T14N, R60W; 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 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 29, 2013.

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. **11-088** 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/11-0304

cc: IPS, Cheyenne
John Goin, Lidstone and Assoc., 4025 Automation Way, Bldg E, Fort Collins, CO 80525



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 11-089

Thermopolis - Water Treatment Plant Primary River Pump and Galley Pump VFD Installations
PWS #5600056

This permit hereby authorizes the applicant:

William Malloy, Mayor
Town of Thermopolis
P.O. Box 603
Thermopolis, WY 82443

to install a Variable Frequency Drive (VFD) on the Primary River Pump starter and another VFD on the Galley Pump starter; according to the procedures and conditions of the application number 11-089. The recommendation for the installation of these VFDs was documented in EPA's 2008 sanitary survey report. The variable frequency drives (VFDs) allow variable influent flow control to the plant. The water treatment facility is within SE ¼, Section 2, & SW ¼, Section 1, T42N, R95W in the county of Hot Springs, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 31, 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

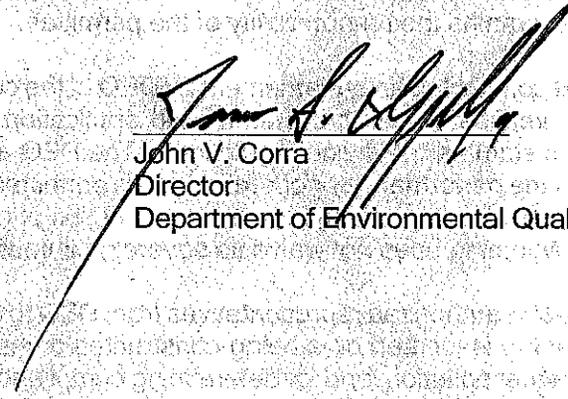
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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 Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 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

3-25-11
Date of Issuance

JSB/rm/11-0280

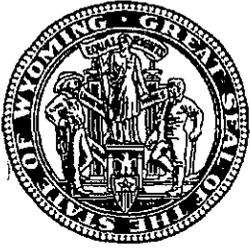
STATEMENT OF BASIS

1. Permit Number: 11-089
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.

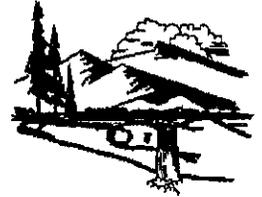
CERTIFICATION

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, james.brough@wyo.gov, Northwest District Engineer and completed on March 23, 2011. 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: Heath Overfield, P.E., Engineering Associates, 429 Broadway, Thermopolis, WY 82443



Department of Environmental Quality



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

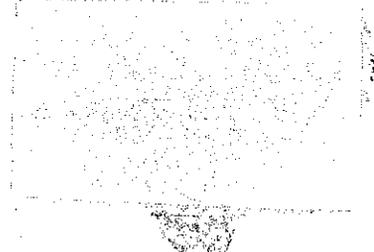
Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 10, 2010

Kennis Lutz
Town of Alpine
P.O. Box 3070
Alpine, WY 83128



RE: Town of Alpine - Alpine Meadows Water Main Replacement Project- Permit Number 11-090 (Reference Permit 10-385), Sections 28 and 29, T37N, R119 W, Lincoln County

Dear Mr. Lutz:

The above application for coverage under a General Permit to Construct a water main replacement consisting of about 1600 linear feet of 8 inch PVC to be constructed in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. 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,

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

PDF: IPS and Kevin Frank - WDEQ Casper

xc: Ryan J. Erickson, P.E., Sunrise Engineering Inc., P.O. Box 609, Afton, WY 83110



PERMIT TO CONSTRUCT

CHANGE OF OWNERSHIP

PERMIT NO. 11-092
SPECIAL CONDITIONS
REF/PERMIT NO. 94-272, 96-442 and 09-401

Silo Field Processing Facility

This permit hereby authorizes the applicant:

R360 Niobrara, Inc.
16945 Northchase Drive, Suite 2200
Houston, TX 77060

to assume ownership of the commercial oil and gas exploration and production exempt waste disposal and treatment pond permitted to receive produced water and non-hazardous wastewater, and operate it according to the procedures and conditions of this permit number 11-092, as derived from the reference permit numbers 94-272, 96-442, and 09-401. The facility is located in the northeast quarter of Section 12, Township 15 North, Range 65 West, in the county of Laramie, in the State of Wyoming.

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 will meet applicable 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, design or operation of the facility described herein. 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, maintenance 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 where land application of waste is made 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.

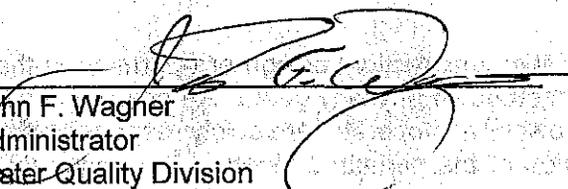
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

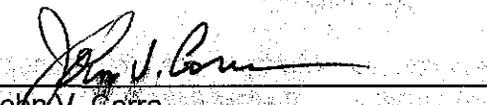
The permittee shall operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of this permit, 11-092; referenced permits 94-272, 96-442, and 09-401, and applicable supporting documents. This permit does not relieve the permittee from any duty 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 and/or written notice to DEQ CBM / Oil and Gas Group, 152 North Durbin Street, Suite 100, Casper, WY 82601, in accordance with the provisions of Section 9, Chapter III, 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 Permit to Construct 94-272 was issued for the construction of the Silo Processing Facility and allowed the facility to accept and treat produced water from oil exploration and production activities. Permit to Construct 96-442 was issued to allow the facility to accept and treat non-hazardous wastewater. Permit to Construct 09-401 was issued to transfer ownership of the facility.
- 3 of 5 The validity of this permit is subject to the owner maintaining a bond acceptable to the State of Wyoming, DEQ/WQD for the amount of the facility closure and post-closure costs. The bonding amount is subject to review on an annual basis and is due to the DEQ CBM / Oil and Gas Group, 152 North Durbin Street, Suite 100, Casper, WY 82601 by April 1.
- 4 of 5 All other aspects and requirements of Permit to Construct 94-272, 96-442, 09-401 are still valid and need to be adhered to.
- 5 of 5 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

3/2/11
Date of Issuance

KJM/JDL/rm/11-0253

STATEMENT OF BASIS

1. Permit Number: **11-092**
2. Application reviewed for compliance with the following applicable regulations :
Chapters 3, 11, and 14 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.
 - a. The permit includes approval to deviate from the following regulatory requirements:
Not applicable
 - b. Briefly state the basis for the deviation.
Not applicable
 - c. Permit approval is based upon deviation from applicable regulations in accordance with approved policy statement.
Not applicable
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was required.
6. If Section 17 of Chapter 3 review is required, indicate the basis for determining groundwater will be protected.

The facility will not allow a discharge to groundwater.

Permit to Construct 94-272 was permitted with a synthetic liner and leak detection system and was accepted on the basis that it would not have a discharge to groundwater.

Quality of wastewater is such that it will not cause a violation of groundwater standards.

Not applicable

Existing soils or geology will not allow a discharge to groundwater.

Not applicable

The facility is designed and will be operated so that it will not to violate groundwater standards.

Not applicable

Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:

Not applicable

If any groundwater quality standards are to be exceeded, briefly describe how any users of the affected aquifer will be protected. The description should include the water quality standard affected, the anticipated maximum concentration, the property boundaries, places of groundwater withdrawal and any other relevant information.

Not applicable

Briefly describe monitoring plan. The groundwater monitoring plan includes the monitoring wells or other sampling points, the parameters to be analyzed, the sampling frequency and reporting methods.

Not applicable

The permit should clearly state the parameters to be utilized for determining compliance and what occurrences constitute a violation. The permit should identify the corrective actions to be taken in the event of a violation of a groundwater standard.

Documentation of Statement of Basis.

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

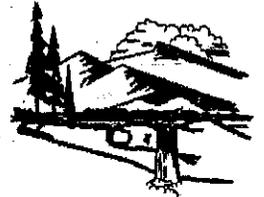
CERTIFICATION

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 Kim Medina, CBM / Oil and Gas Group and completed on March 10, 2011. 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.



John Corra, Director

Matt Mead, Governor

April 11, 2011

Chairman
Teton County Board of Commissioners
P. O. Box 3594
Jackson, WY 83001

RE: Doshay Subdivision, WDEQ Application #11-093

Dear Mr. Chairman:

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). The State Engineer's Office (SOE) letter has been received by our office. We acknowledge that the State Engineer's Office is generally not supportive of the subdivision since documentation has not been submitted yet to satisfy W.S. 18-5-306(a) (xi).

The parcel is located 5.8 miles North of Jackson, Wyoming and about 2.5 miles west of Gros Ventre Junction. The proposed subdivision would be created by dividing the 37 acre parcel into three lots. Lot #1 will consist of about 14.94 acres with 2.07 acres utilized for development and of the remaining area as open space. Lots #2 and #3 will be about 11.0 acres with 2.84 and 2.54 acre development areas respectively, with the remainder designated as open space.

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

Individual onsite septic systems are proposed for all three lots. Sites conditions revealed during the initial exploration phase of the project indicate that the site is not suitable for conventional septic systems. WDEQ requires that pressure dosed leach field treatment systems or equivalent treatment technology be utilized on all lots on this site. WDEQ also strongly suggests that trench leach field systems be utilized in place of the indicated bed style leach field systems.

Since Teton County has been delegated by the department to issue small wastewater system permits, it is the county's responsibility to ensure, prior to issuing the permits, that all permit requirements and design standards will be met.

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

Individual wells are proposed for the subdivision. There are three known wells on the Doshay ranch property. Historical data on the Doshay wells and data from other wells in the area

F:\DIVISION\WQDAW&WW Section\Subdivisions\NW Subdivision Reviews\Teton\Doshay\11-093 Doshay Subdivision.Doc

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



indicate adequate quantity of water for the proposed three lot subdivision. Water quality results from neighboring wells also indicate that the water meets National Drinking Water standards.

Conclusion(s):

The Department of Environmental Quality has no "adverse" recommendations on this proposed subdivision.

Disclaimer

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

Please do not hesitate to contact me at (307) 335-6964 if you have any questions on the recommendations or need any assistance on how to proceed with this application.

Sincerely,



Hannes E. Stueckler, PE
Assistant Northwest District Engineer
Water Quality Division

xc: Glenn Doshay, P.O. Box 67521, Rancho Santa Fe, CA 92067
Phil Gyr, Nelson Engineering, P.O. Box 1599, Jackson, WY 83001
Ray Shriver, Teton County Engineering Department, P.O. Box 3594, Jackson, WY 83001
Jim O'Connor, DEQ
PDF to Cheyenne



Department of Environmental Quality



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

Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 21, 2011

Dossey Overfield, Manager
Northwest Rural Water District
Box 2347
Cody, WY 82414

RE: NRWD -- Murphy TW Extension -- Sage Creek Service Area. DEQ Permit #11-094, Park County, latitude 44.497°, longitude 109.025°

Dear Ms. Overfield,

This project consists of the installation of approximately 743 linear feet of 2-inch water line and 544 linear feet of 4-inch water line along Highway 120, South of Cody, to serve on new service tap.

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 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.

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 Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,

Hannes E. Stueckler, P.E.
Assistant Northwest District Engineer
Water Quality Division

xc: PDF to Cheyenne
Cody A. Schatz P. E., Engineering Associates, PO Box 1900, Cody WY 82414

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

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

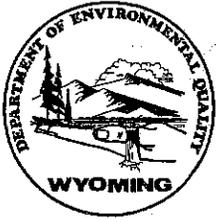
AIR QUALITY
(307) 332-8755
FAX 332-7726

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
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 11-095

REFERENCE PERMIT NOS. 06-318, 06-539, 06-542, 09-542

SQUAW CREEK POD

This permit hereby authorizes the applicant:

Summit Gas Resources, Inc.
Attn.: Mr. Peter Schoonmaker
1 East Alger St.
Sheridan, WY 82801

to have installed nine (9) compliance monitoring wells according to the procedures and conditions of the application number 11-095. The wells are proximal to the on channel coalbed methane produced water impoundments located in Township 54N, Range 73W, Section 24, in Township 55N, Range 73W, Sections 29, 32 and 33, and in Township 55N, Range 74W, Sections 24 and 25, in the County of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

The issuance of this permit confirms that the Wyoming Department of Environmental Quality (WDEQ) 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.

Nothing in this permit constitutes an endorsement by WDEQ 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 WDEQ 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 WDEQ 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 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, Groundwater Section, 2100 West 5th St., Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, 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 Monitoring Requirements:

Impoundments: Brown Cow, Enlarged Stallion, *JW, Leon #1, Leon #3 and *Sonny

Unless otherwise specified, monitoring and reporting of the groundwater beneath the impoundments shall be performed on a **semi-annual** basis until further notice and shall include the following information:

- Measurement of static water elevation in monitoring wells: Brown Cow MW-1, Enlarged Stallion MW-1, JW MW-1, Leon #1, Leon #3 'The Leon', and Sonny MW-1;
- Sampling and analysis of groundwater from monitoring wells: Brown Cow MW-1, Enlarged Stallion MW-1, JW MW-1, Leon #1, Leon #3 'The Leon', and Sonny MW-1;
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

Brown Cow

Parameter	Brown Cow MW-1 Background Value (mg/L) (11/19/2008)	Class III Water Quality Standards (mg/L)
Selenium	ND	0.05
Sulfate	55	3000
TDS	850	5000
pH	8.2	6.5 – 8.5 (s.u)

Enlarged Stallion

Parameter	Enlarged Stallion MW-1 Background Value (mg/L) (09/24/2009)	Class III Water Quality Standards (mg/L)
Selenium	ND	0.05
Sulfate	2100	3000
TDS	3380	5000
pH	7.3	6.5 – 8.5 (s.u)

*indicates impoundments that have two monitoring wells on different sampling schedules

***JW**

Parameter	JW MW-1 Background Value (mg/L) (04/08/2005)	Class III Water Quality Standards (mg/L)
Selenium	ND	0.05
Sulfate	373	3000
TDS	980	5000
pH	7.85	6.5 – 8.5 (s.u)

Leon #1

Parameter	Leon #1 Background Value (mg/L) (11/19/2008)	Class III Water Quality Standards (mg/L)
Selenium	ND	0.05
Sulfate	63	3000
TDS	510	5000
pH	7.8	6.5 – 8.5 (s.u)

Leon #3

Parameter	'The Leon' Background Value (mg/L) (04/13/2006)	Class III Water Quality Standards (mg/L)
Selenium	ND	0.05
Sulfate	1320	3000
TDS	2310	5000
pH	7.9	6.5 – 8.5 (s.u)

***Sonny**

Parameter	Sonny MW-1 Background Value (mg/L) (07/08/2005)	Class III Water Quality Standards (mg/L)
Selenium	0.039	0.05
Sulfate	130	3000
TDS	470	5000
pH	7.9	6.5 – 8.5 (s.u)

- Reporting results of **semi-annual** monitoring and sampling are due to the department by January 15th and July 15th of each year. Samples may be collected at any time during the reporting period, but must be scheduled such that sampling events occur approximately six months apart;

Impoundments: *JW, *Sonny and Prairie Dog

Unless otherwise specified, monitoring and reporting of the groundwater beneath the impoundments shall be performed on an **annual** basis until further notice and shall include the following information:

- Measurement of static water elevation in monitoring wells: JW MW-2, Sonny MW-2, and Prairie Dog MW#1;
- Sampling and analysis of groundwater from monitoring wells: JW MW-2, Sonny MW-2, and Prairie Dog MW#1;

- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

***JW**

Parameter	JW MW-2 Background Value (mg/L) (06/02/2006)	Class III Water Quality Standards (mg/L)
Selenium	ND	0.05
Sulfate	1440	3000
TDS	2620	5000
pH	8.0	6.5 – 8.5 (s.u)

***Sonny**

Parameter	Sonny MW-2 Background Value (mg/L) (05/08/2006)	Class III Water Quality Standards (mg/L)
Selenium	0.012	0.05
Sulfate	390	3000
TDS	1290	5000
pH	7.9	6.5 – 8.5 (s.u)

Prairie Dog

Parameter	Prairie Dog MW#1 Background Value (mg/L) (05/20/2005)	Class III Water Quality Standards (mg/L)
Selenium	ND	0.05
Sulfate	1060	3000
TDS	2250	5000
pH	7.7	6.5 – 8.5 (s.u)

- Reporting results of **annual** monitoring and sampling are due to the department by January 15th of each year. Samples may be collected at any time during the reporting period, but must be scheduled such that sampling events occur approximately 12 months apart;

All Impoundments

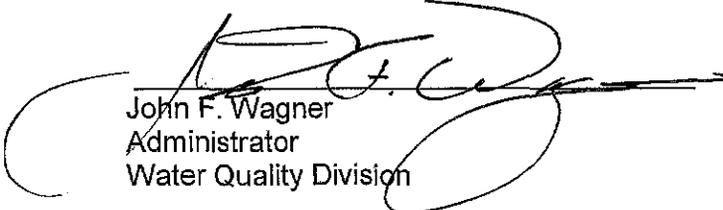
- If a groundwater monitoring event reveals a pH measurement of 6.5 or less, the DEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.
- The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: DEQ-CBMGroundwater@WYO.GOV. In addition, the accompanying analytical laboratory reports and field documentation must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

*indicates impoundments that have two monitoring wells on different sampling schedules

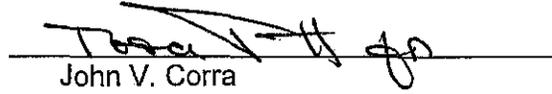
3 of 4 The WDEQ may require a more frequent sampling schedule based on results of groundwater monitoring data analyses.

4 of 4 Any exceedence of the water quality standards listed above will be considered a violation of this permit. If an exceedence of groundwater standards occurs as a result of the operation of the impoundment, the WDEQ may require a more frequent monitoring schedule, further investigation of the groundwater impacts, remediation of the groundwater impacts, and cessation of discharge into the impoundment.

AUTHORIZED BY:



John F. Wagner
Administrator
Water Quality Division



John V. Corra
Director
Department of Environmental Quality

3-30-11
Date of Issuance

CS/rm/11-0298



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 11-096
REFERENCE PERMIT NOS. 06-540 and 06-582

CABIN CREEK POD

This permit hereby authorizes the applicant:

Summit Gas Resources, Inc.
Attn.: Mr. Peter Schoonmaker
1 East Alger St.
Sheridan, WY 82801

to have installed two (2) compliance monitoring wells according to the procedures and conditions of the application number 11-096. The wells are proximal to the on channel coalbed methane produced water impoundments located in Township 57N, Range 76W, Section 31, in the County of Sheridan, and in Township 58N, Range 76W, Section 34, in the County of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

The issuance of this permit confirms that the Wyoming Department of Environmental Quality (WDEQ) 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.

Nothing in this permit constitutes an endorsement by WDEQ 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 WDEQ 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 WDEQ 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 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, Groundwater Section, 2100 West 5th St., Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, 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 Monitoring Requirements:

Impoundment: Cresswell #3

Unless otherwise specified, monitoring and reporting of the groundwater beneath the impoundment shall be performed on a **quarterly** basis until further notice and shall include the following information.

- Measurement of static water elevation in monitoring well: Cresswell #3 MW-1;
- Sampling and analysis of groundwater from monitoring well: Cresswell #3 MW-1;
- The parameters listed in the table below are required for groundwater compliance monitoring beneath the listed impoundment:

Cresswell #3		
Parameter	Cresswell #3 MW-1 Background Value (mg/L) (05/08/2008)	Class III Water Quality Standards (mg/L)
Selenium	ND	0.05
Sulfate	40	3000
TDS	1360	5000
pH	9.0	6.5 – 8.5 (s.u)

- Reporting results of **quarterly** monitoring and sampling are due to the department by January 15th, April 15th, July 15th and October 15th of each year. Samples may be collected at any time during the reporting period, but must be scheduled such that sampling events occur approximately four months apart;
- If the initial discharge into the impoundment has not occurred by the quarterly report date, a groundwater compliance sample is not required for that quarterly period. The operator shall notify the DEQ that discharge has not occurred;

Impoundment: Perry Enlarged Stock

Unless otherwise specified, monitoring and reporting of the groundwater beneath the impoundment shall be performed on an **annual** basis until further notice and shall include the following information:

- Measurement of static water elevation in monitoring well: Perry Enlarged MW-1;
- Sampling and analysis of groundwater from monitoring well: Perry Enlarged MW-1;
- The parameters listed in the table below are required for groundwater compliance monitoring beneath the listed impoundment:

Perry Enlarged Stock		
Parameter	Perry Enlarged MW-1 Background Value (mg/L) (04/13/2006)	Class III Water Quality Standards (mg/L)
Selenium	ND	0.05
Sulfate	180	3000
TDS	2410	5000
pH	8.3	6.5 – 8.5 (s.u)

- Reporting results of **annual** monitoring and sampling are due to the department by January 15th of each year. Samples may be collected at any time during the reporting period, but must be scheduled such that sampling events occur approximately 12 months apart;

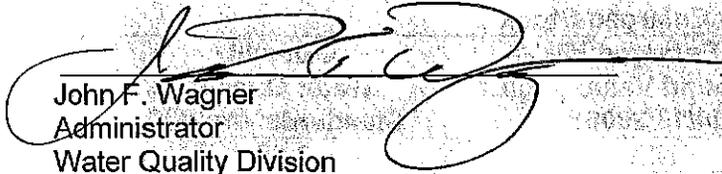
All Impoundments

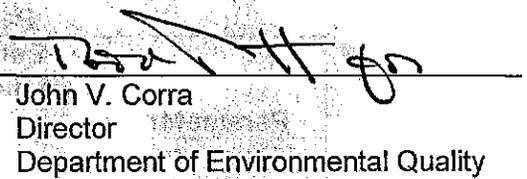
- If a groundwater monitoring event reveals a pH measurement of 6.5 or less, the DEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.
- The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: DEQ-CBMGroundwater@WYO.GOV. In addition, the accompanying analytical laboratory reports and field documentation must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

3 of 4 The WDEQ may require a more frequent sampling schedule based on results of groundwater monitoring data analyses.

4 of 4 Any exceedence of the water quality standards listed above will be considered a violation of this permit. If an exceedence of groundwater standards occurs as a result of the operation of the impoundment, the WDEQ may require a more frequent monitoring schedule, further investigation of the groundwater impacts, remediation of the groundwater impacts, and cessation of discharge into the impoundment.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

3-30-11
Date of Issuance

CS/rm/11-0299



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 11-097

REFERENCE PERMIT NO. 06-540

HARRIS BRUG BITTER CREEK

This permit hereby authorizes the applicant:

Summit Gas Resources, Inc.
Attn.: Mr. Peter Schoonmaker
1 East Alger St.
Sheridan, WY 82801

to have installed one (1) compliance monitoring well according to the procedures and conditions of the application number 11-097. The well is proximal to an on-channel coalbed methane produced water impoundment located in Township 56N, Range 73W, Section 32, in the County of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

The issuance of this permit confirms that the Wyoming Department of Environmental Quality (WDEQ) 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.

Nothing in this permit constitutes an endorsement by WDEQ 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 WDEQ 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 WDEQ 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 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, Groundwater Section, 2100 West 5th St., Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, 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 Monitoring Requirements:

Impoundment: Harris #2

Unless otherwise specified, monitoring and reporting of the groundwater beneath the impoundment shall be performed on a **semi-annual** basis until further notice and shall include the following information:

- Measurement of static water elevation in monitoring well: Harris #2 MW-1;
- Sampling and analysis of groundwater from monitoring well: Harris #2 MW-1;
- The parameters listed in the table below are required for groundwater compliance monitoring beneath the listed impoundment:

Harris #2		
Parameter	Harris #2 MW-1 Background Value (mg/L) (07/08/2005)	Class III Water Quality Standards (mg/L)
Selenium	ND	0.05
Sulfate	750	3000
TDS	1560	5000
pH	8.1	6.5 – 8.5 (s.u)

- Reporting results of **semi-annual** monitoring and sampling are due to the department by January 15th and July 15th of each year. Samples may be collected at any time during the reporting period, but must be scheduled such that sampling events occur approximately six months apart;
- If a groundwater monitoring event reveals a pH measurement of 6.5 or less, the DEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

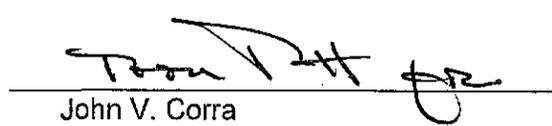
- The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: DEQ-CBMGroundwater@WYO.GOV. In addition, the accompanying analytical laboratory reports and field documentation must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

3 of 4 The WDEQ may require a more frequent sampling schedule based on results of groundwater monitoring data analyses.

4 of 4 Any exceedence of the water quality standards listed above will be considered a violation of this permit. If an exceedence of groundwater standards occurs as a result of the operation of the impoundment, the WDEQ may require a more frequent monitoring schedule, further investigation of the groundwater impacts, remediation of the groundwater impacts, and cessation of discharge into the impoundment.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

3-30-11
Date of Issuance

CS/rm/11-0300



Department of Environmental Quality

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



Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 21, 2011

Rich Wheeler
5300 West Old Yellowstone Highway
Casper, WY 82901

RE: Wyoming Machinery Facility - Rock Springs, Wyoming - Water and Sewer Main Extensions
- Permit Number 11-098, Federal Lots 12,13 & 14, of Section 14, T19N, R105W, Sweetwater County

Dear Mr. Wheeler:

The above application for coverage under General Permits to Construct the extension of a public water supply distribution system consisting of about 935 linear feet of 8-inch PVC water main and the extension of a sewage collection system consisting of about 666 linear feet of 8-inch sewer main to serve a warehouse and office building in accordance with Chapter 3 Section 7, Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permits. 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,

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

PDF to Cheyenne
Shawn Arnoldi, P.E., Choice Engineering, 404 N St., Suite 201, Rock Springs, Wyoming 82930

Page 1 of 1

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.



Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 7, 2011

Bruce Morrison, Mayor
Town of Lovell, Wyoming
P.O. Box 188
Lovell, WY 82431

RE: Lovell South Area Infrastructure Improvements. DEQ Permit #11-099R, Bighorn County, S 1/2 NW1/4, Section 14, T56N, R96W

Dear Mayor Morrison,

This project consists of the replacement and installation of approximately 15,800 linear feet of water distribution main, 12,600 linear feet of sanitary sewer main, and 33 sanitary sewer manholes in the town of Lovell, Wyoming. This project also includes the replacement of water and sewer services. The area included is located South of Main Street and East of Shoshoni Avenue.

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. due to historical success at this lower slope with existing clay pipes. The clay pipes will be replaced PVC pipes, which have superior flow characteristics to the older style pipe. The Town of Lovell is not able to achieve sewer slopes as indicated in the Chapter 11 regulations due to naturally occurring site constraints. The Town of Lovell has acknowledged that the low slope pipes may require additional maintenance.

A variance was requested from Chapter 11, Section 9 (d)(i), which requires a maximum manhole spacing of 400 feet for all collection type under 15 inches in diameter. A variance from this regulation is granted based upon confirmation from the town of Lovell that they have the necessary equipment needed to maintain the longer run of sewer line.

A variance was requested from Chapter 11, Section 9 (d)(vi), which requires access ladders to be installed in all manholes. A variance from this regulation is granted based upon the need to use confined space entry equipment to access and egress to the manhole. Safety harnesses can easily be caught or tangled on manhole steps and can inhibit maintenance and rescue efforts.

DEQ acknowledges that the sewer pipe will not be pressure tested due to the impracticality of stopping all flow through the system in order to pressure test the new replacement main. It is understood that the mains will be video recorded and inspected for improperly seated joints, damaged pipe, or sags, prior to street paving and final acceptance.

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

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FAX 332-7726

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FAX 332-7726

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

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



The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Part 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.

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 Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,



Hannes E. Stueckler, P.E.
Assistant Northwest District Engineer
Water Quality Division

xc: PDF to Cheyenne
Frank M. Page, P.E., DOWL HKM, P.O. Box 1655, Lander, Wyoming, 82520

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 11-100

Wamsutter 2011 Well No. 9 and Transmission Line Project
Public Water System Number WY5600105

This permit hereby authorizes the applicant:

Colleen Eifealdt
Town of Wamsutter
P.O. Box 6
Saratoga, WY 82331

to construct a public water supply well (08-685RR) connection consisting of the installation of a pitless unit and about 1600 linear feet of 6-inch PVC transmission line according to the procedures and conditions of the application number 11-100. The facility is located at S 1/2 Section 22, T20N, R94W in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 22, 2013.

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.

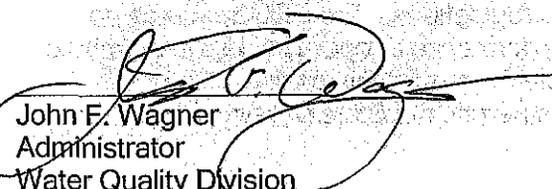
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

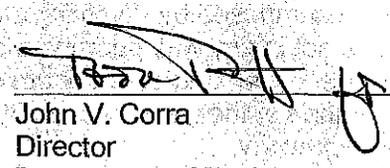
- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer, 510 Meadow View Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11,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

- 2 of 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

3-23-11
Date of Issuance

MDB/rm/11-0270

STATEMENT OF BASIS

1. Permit Number: 11-100
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Not Required.
4. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., mbaron@state.wy.us, Southwest District Engineer and completed on March 22, 2011. 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: Seth Tourney, P.E., PMPC, P.O. Box 370, Saratoga, WY 82331

