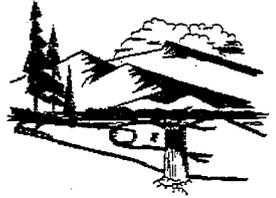




# Department of Environmental Quality



Dave Freudenthal, Governor

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

John Corra, Director

April 14, 2008

Shawn M. Arnoldi  
Choice Engineering Services, Inc.  
450 South Main  
Rock Springs, WY 82901

RE: IPS Facility, WDEQ #07-751

Dear Mr. Arnoldi:

The permit application materials for the IPS Facility, fire suppression line at the gun loading building are being returned to you as agent for the owner per your email written request. According to Chapter 3 of the Water Quality Rules and Regulations Section 9(a)(B), if an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide the requested information within that period, the entire incomplete application shall be returned.

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

Facility Name: IPS Facility  
DEQ/WQD Reference Number: #07-751  
DEQ/WQD Reviewing Engineer: Perry Roberson, Consulting Engineer  
Date of DEQ/WQD Review: January 03, 2008

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

Page 1 of 2

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

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

AIR QUALITY  
(307) 332-6755  
FAX 332-7726

LAND QUALITY  
(307) 332-3047  
FAX 332-7726

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

WATER QUALITY  
(307) 332-3144  
FAX 332-3183



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

Sincerely,



Perry Roberson, Consulting Engineer  
WQD/Southwest District  
pdr

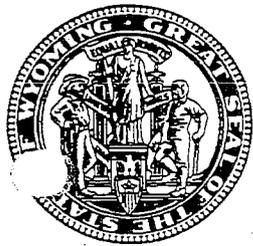
Enclosure: Permit Application Package 07-751

xc:

Mark Johnson, Super Center Manager, P.O. Box 159, Rock Springs, WY 82901

IPS

file (3)



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

November 2, 2007

John Vietti  
806 Amoretti  
Thermopolis, WY 82443

RE: Vietti Small Wastewater Treatment Facility, Permit Number: 07-752, Section 1, T42N, R95W, Hot Springs County

Dear Mr. Vietti:

This project involves the installation of a septic tank and leachfield system to serve a three bedroom residence. The above application for coverage under General Permit to construct a gravity flow septic tank and leachfield has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations and is hereby approved provided with the following comment:

*DEQ recommends at least a minimum spacing of 6 inches between the rows of infiltrators. A technical overview of National Environmental Services Center states: Some states are no longer permitting beds, since there is evidence that undisturbed soil between pipes is beneficial in allowing air to circulate under the pipes. Research has shown that diffusion of air through the soil is important in controlling the biomat; thus trenches are more efficient than beds, and narrow trenches are better than wide trenches.*

Lee Campbell, Hot Springs County Planner, must be contacted at 307-864-2961 to schedule a construction inspection at least 24 hours prior to the beginning of construction. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

  
James Brough, P.E.  
Environmental Engineer  
Water Quality Division

xc: IPS, Cheyenne  
Lee Campbell, Hot Springs County, 415 Arapahoe, Thermopolis, WY 82443 (w/enclosures)

encl: General Permit For a Small Wastewater Facility

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

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

AIR QUALITY  
(307) 332-6755  
FAX 332-7726

LAND QUALITY  
(307) 332-3047  
FAX 332-7726

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

WATER QUALITY  
(307) 332-3144  
FAX 332-3183





# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

November 8, 2007

Town of Rock River  
Attn: Samuel Vieyra, Mayor  
321 Avenue D  
P.O. Box 280  
Rock River, Wyoming 82083

RE: Rock River Water Line Extension – Third St, N. of Ave D, Application No. **07-753**  
Location: SE¼ NE¼, Section 31, T76W, R20N, Albany County

Dear Mayor Vieyra:

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

1. Additions to Wyoming Public Works Standard Specifications for Waterline Construction:
  - a. Section 2665 E.6 - Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.
  - b. Section 2675 D - Flushing shall achieve minimum velocities of at least 5 feet per second for pipelines 12 inches in diameter or less. Flushing shall be through flush valves and a discharge pipe to the surface. Fire hydrants shall not be flushed until after the water main or distribution line is flushed.

The approval granted under this Notification Of Coverage and the General Permit shall expire on November 8, 2009. Please reference Application Number 07-753 in any future correspondence.

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

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



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

Sincerely,



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

RLE/cs/7-0967

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

cc: IPS, Cheyenne

Jim L. Cavalli, Aspen-Banner Engineering, 1575 N. 4<sup>th</sup> St., Suite 105, Laramie,  
Wyoming 82072

Director, Albany County Planning Office, 1002 South Third Street, Laramie,  
Wyoming 82070

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 07-755

UTILITY CORRIDOR PRISON WATER AND SEWER LINES  
PWS WY5600168

This permit hereby authorizes the applicant:

City of Torrington  
2017 East 'A' Street  
Torrington, WY 82400

to construct, install or modify a water line, pump station, sewer line, and lift station to serve the prison according to the procedures and conditions of the application number 07-755. The facility is located in NE1/4 Section 12 T24N R61W; Goshen County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed May 10, 2010.

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

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

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

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

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

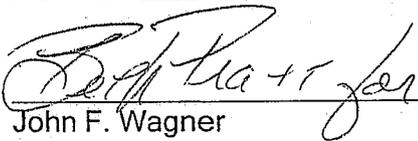
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

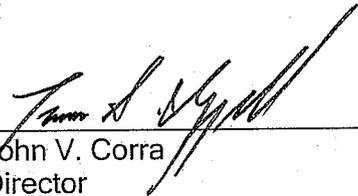
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
  
- 2 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
  
- 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
John F. Wagner  
Administrator  
Water Quality Division

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

Date of Issuance 11-28-07

LBH/cs/7-1023

STATEMENT OF BASIS

1. Permit Number: 07-755
2. This application was reviewed for compliance with the applicable regulations ;  
Chapters 3, 11, and 12
3. Does the permit comply with all applicable regulations identified above?  
Yes
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Louis Harmon, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on November 28, 2007. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 07-756

REFERENCE PERMIT NO. 91-312, 07-137

2007 WELL REHAB PROJECT - BELL 8  
PWS WY5600011

This permit hereby authorizes the applicant:

CITY OF CHEYENNE BOPU  
2100 PIONEER AVE  
CHEYENNE, WY 82001

to construct, install or modify a 2007 Well Rehabilitation Project, Bell Well #8 according to the procedures and conditions of the application number 07-756. The facility is located in NE1/4 SW1/4 Section 14 T14N R68W; Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed May 10, 2010.

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

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

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

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

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

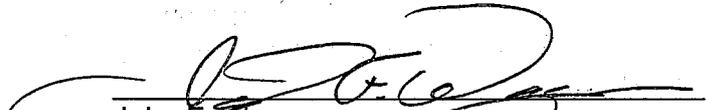
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

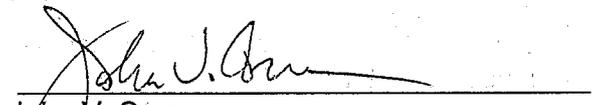
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

1. The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
2. A 20 ft long concrete plug supported by concrete or gravel coarser than the screen openings must be placed above the second screened interval or above 310 ft below ground level. The location of the bottom of the plug and the top of the plug must be verified by positive measurement and certified by the engineer with the as-built drawings of the well.
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 11/16/07

## STATEMENT OF BASIS

1. Permit Number:       **07-756**
2. This application was reviewed for compliance with the applicable regulations ;  
  
      Chapters 3, 12
3. Does the permit comply with all applicable regulations identified above?  
  
      Yes
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.  
  
      Public water supplies are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Louis Harmon, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on November 16, 2007. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT  
PWS # 5600221

PERMIT NO. 07-757

Sublette County - Daniel's Trailer Park Water Infrastructure Improvements

This permit hereby authorizes the applicant:

Ryan Relyea  
Harbor Properties  
7959 S Main Street  
Midvale, UT 84047

to construct infrastructure improvements to a public water distribution water system, consisting of a 27,000 gallon storage tank, booster pump system, and replacement of a 2-inch water line with 1000 feet of 6-inch PVC ; according to the procedures and conditions of the application number 07-757. The facility is located three miles south of Big Piney within NE 1/4, Section 7, T29N, R111W; in the county of Sublette, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by November 19, 2009.

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

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

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

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

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

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

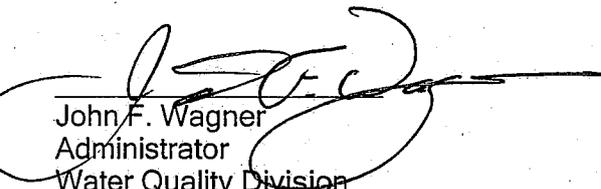
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents, and permit. This permit does not

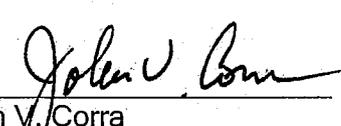
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer, 510 Meadowview Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
John F. Wagner  
Administrator  
Water Quality Division

  
John V. Corra  
Director  
Department of Environmental Quality

11/21/07  
Date of Issuance

PDR/DRM/cs/7-1010  
JK 11/20/07

## STATEMENT OF BASIS

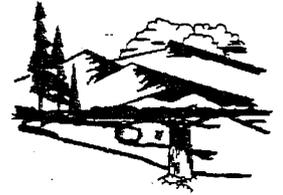
1. Permit Number: 07-757
2. Application reviewed for compliance with the following regulations:  
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?  
Yes.
4. Facilities include components not specifically 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 Perry Roberson, prober2@state.wy.us, Consulting Engineer, approved by Mark Baron P.E. Southwest District Engineer and completed on November 19, 2007. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents permit conditions, and the items identified in this "Statement of Basis."



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

February 1, 2008

Gregory & Sharlene Muller  
2048 Fir Drive  
Rock Springs, Wyoming 82901

RE: Lot 6 Muller Subdivision – Small Waste Water System – Permit Number  
07-758R, NW ¼ Section 2, T19N, R105W, Sweetwater County

Dear Mr. and Mrs. Muller:

The above application for coverage under General Permit to Construct a conventional wastewater treatment and disposal system to serve the new 15 person business building with a 714.29 sq. ft. leach field 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.

A word of caution regarding Norwesco septic tanks. Structural integrity of the tank should be tested by filling the tank with water during burial and immediately after pumping. Also, the manways (one on each compartment) must be extended to the ground surface because no clean-outs are provided.

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

Sincerely,

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

Steve Warner  
Reviewer

xc: IPS, Cheyenne

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

Encl: General permit for one Small Waste Water System

Page 1 of 1





# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

December 6, 2007

De Bernardi Construction  
514 "G" Street  
Rock Springs, WY 82901

RE: Lot 3 Muller Subdivision – Small Waste Water System – Permit Number 07-759R, NW ¼ Section 2, T19N, R105W, Sweetwater County

Dear Mr. DeBernardi:

The above application for coverage under General Permit to Construct a conventional wastewater treatment and disposal system to serve the new 20 person business building with a 31.25 ft x 17 ft leach field has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

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

Steve Warner  
Reviewer

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

Encl: General permit for one Small Waste Water System





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

July 2, 2008

BG Kunz  
Project Engineer  
Pearl Field Services, LLC  
1082 East Brundage Lane  
Sheridan, WY 82801

RE: Return of Application for Pearl Buildings – 6" Watermain Extension  
WDEQ #07-760  
Sheridan County

Dear Mr. Kunz:

Our office received an application for a Permit to Construct for a 6" Watermain Extension for Pearl Buildings, located in Sheridan, Wyoming. We performed a review of the application and sent this review to the above address on December 27, 2007. The review stated that if our department did not receive the information requested within six months, we would have to return the incomplete application to you. As of today, July 2, 2008, we have not received the requested information. Therefore, in accordance with Wyoming Department of Environmental Quality/Water Quality Rules and Regulations Chapter 3, Section 14 – Denial of a Permit or Coverage under a General Permit, we are returning all of the application materials to you, as we are unable to process your application without the required information.

If you have any questions, please contact me at (307) 473-3478 or [kfarle@state.wy.us](mailto:kfarle@state.wy.us).

Sincerely,

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

cc: Chris Knodel, City of Sheridan  
John Stopka, Sheridan County Airport, 908 W. Brundage Lane, Sheridan, WY 82801  
Bret Rhinesmith, Pearl Buildings, LLC, 1082 East Brundage Lane, Sheridan, WY 82801  
WDEQ File, IPS





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

### NOTIFICATION OF COVERAGE

January 3, 2008

Michael W. Evans, P.E.  
Entech, Inc.  
1949 Sugarland Drive, Suite 205  
Sheridan, WY 82801

RE: Kendrick Municipal Golf Course - #15 Tee Box  
Small Wastewater System, Permit #07-761

Dear Mr. Evans:

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

If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3465. Thank you.

Sincerely,

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

Enclosures: General Permit  
Certificate of Completion

cc:

IPS, Cheyenne

Mayor Kinskey, City of Sheridan, 55 Grinnell Plaza, Sheridan, WY 82801  
WDEQ File





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

### NOTIFICATION OF COVERAGE

January 3, 2008

Michael W. Evans, P.E.  
Entech, Inc.  
1949 Sugarland Drive, Suite 205  
Sheridan, WY 82801

RE: Kendrick Municipal Golf Course - #6 Tee Box  
Small Wastewater System, Permit #07-762

Dear Mr. Evans:

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

If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3465. Thank you.

Sincerely,

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

Enclosures: General Permit  
Certificate of Completion

cc:

IPS, Cheyenne

Mayor Kinskey, City of Sheridan, 55 Grinnell Plaza, Sheridan, WY 82801  
WDEQ File





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

### NOTIFICATION OF COVERAGE

November 20, 2007

Chad Reed, P.E.  
WWC Engineering  
1849 Terra Avenue  
Sheridan, WY 82801

RE: Champion Drive Sanitary Sewer Replacement, WDEQ #07-763, City of Sheridan, WY

Dear Mr. Reed:

The above application 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. Your attention is directed to the mandatory reporting requirements outlined in Part V. Section O. of the general permits.

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

Sincerely,

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

Enclosures: General Permits  
Application with plans and specifications  
Certificate of Completion

cc: Jason Baker, P.O. Box 868, Sheridan, WY 82801  
WDEQ File  
IPS (Cheyenne)





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

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### NOTIFICATION OF COVERAGE

November 7, 2007

Leslie J. Tenke  
1104 Hwy 585  
Sundance, WY 82729

RE: Tenke Residential Septic System  
Permit # 07-764

Dear Mr. Tenke:

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 the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O, of the general permit.

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

Sincerely,

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

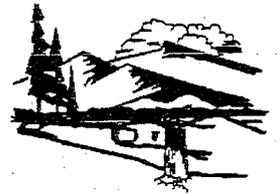
Enclosures: General Permit  
Certificate of Completion

cc: TPS, Cheyenne  
WDEQ File  
Tim Lyons, Crook County, P.O. Box 37, Sundance, WY 82729  
Yarrow Wolfe, CCNRD, P.O. Box 1070, Sundance, WY 82729





# 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

Dave Freudenthal, Governor

## NOTIFICATION OF COVERAGE

November 8, 2007

Marty Kelsey  
Western Wyoming Community College  
2500 College Drive  
Rock Springs, WY 82901

RE: Rock Springs - Western Wyoming Community College - Diesel Mechanics Classroom-  
Sewer Main Relocation - Permit Number 07-765, SE1/4 Section 27, T19N, R105W,  
Sweetwater County

Dear Mr. Kelsey:

The above application for coverage under General Permits to Construct a sewage collection main relocation consisting of 120 (LF) of 8-inch PVC sewer main to serve an Diesel Mechanics Classroom in accordance with Chapter 3, Section 7 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 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 permits.

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

Sincerely,

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

xc: IPS, Cheyenne  
Matt Devitt, EIT, JFC Engineers & Surveyors, 1515 Ninth Street, Suite A, Rock Springs, WY  
82901  
Vess Walker, Department of Public Services, 212 D Street, Rock Springs, WY 82901

encl: General Permit for a Sewage Collection System

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

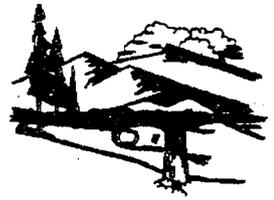
SOLID & HAZARDOUS WASTE  
(307) 332-6924  
FAX 332-7726

WATER QUALITY  
(307) 332-3144  
FAX 332-3183





# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

November 16, 2007

Mr. Robert Cox  
LARAMIE COUNTY COMMUNITY COLLEGE  
1400 E COLLEGE DR  
CHEYENNE, WY 82007

RE: LCCC ARENA WATER MAIN REPLACEMENT  
Application No. **07-766**, Laramie County

Dear Mr. Cox:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems described as reconnection of existing fire hydrants, fire lines, and one new fire hydrant, Lot 1, Block 1, LCCC Addition; 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 May 10, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **07-766** in any future correspondence.

Sincerely,

Louis B. Harmon PE-PG  
Southeast District Engineer  
Water Quality Division

LBH/cs/7-1001

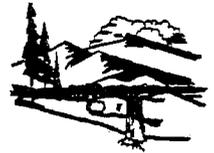
cc: IPS, Cheyenne

KELLY W HAFNER  
BENCHMARK ENGINEERS, P.C.  
1920 THOMES AVE #620  
CHEYENNE WY 82001





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

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### NOTIFICATION OF COVERAGE

November 20, 2007

Polly Griffith and Carolyn Rockwood  
5600 North 33 Mile Road  
Casper, WY 82604

RE: Griffith/Rockwood Small Wastewater System  
Permit # 07-767

Dear Ms. Griffith and Ms. Rockwood:

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 the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O, of the general permit.

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

Sincerely,

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

Enclosures: General Permit  
Certificate of Completion

cc: IPS, Cheyenne  
WDEQ File  
Kerry Gregory, Natrona County Health Dept., 475 S. Spruce, Casper, WY 82601-1759  
Carla Cross, P.E., 4444 Centerville, Road, Suite 140, White Bear Lake, MN 55127





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

### NOTIFICATION OF COVERAGE

December 17, 2007

Ms. Diedra Homann  
PO Box 1327  
Casper, WY 82602

RE: Mountain Horizon Subdivision Watermain Extension, Application No. 07-768

Dear Ms. Homann:

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. Your attention is directed to the mandatory reporting requirements outlined in Part V. Section O. of the general permits.

If you have any questions, please contact me at 307-473-3471.

Sincerely,

*Kevin J. Frank*

Kevin J. Frank  
Engineering Consultant  
Water Quality Division

cc: IPS, Cheyenne  
Matt Williams, PE; WLC; 200 Pronghorn; Casper, WY 82601





# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

December 11, 2007

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

RE: SOUTHERN WATER TRANSMISSION PIPELINE-PHASE I  
Application No. **07-770**, Laramie County

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems described as 42" diameter Southern water transmission line, SE1/4 Section 31 T13N R68W; 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 May 10, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **07-770** in any future correspondence.

Sincerely,

Louis B. Harmon PE-PG  
Southeast District Engineer  
Water Quality Division

LBH/cs/7-1051

cc: IPS, Cheyenne

JIM CAVALLI  
ASPEN-BANNER ENGINEERING  
1575 N 4TH ST #105  
LARAMIE WY 82072

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

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

PERMIT NO. 07-772

MIDDLE PRONG WILD HORSE CREEK CBM DEVELOPMENT AREA: PHASE II

This permit hereby authorizes the applicant:

Williams Production RMT Company  
Attn.: Ms. Peggy Carter  
300 N. Works Avenue  
Gillette, WY 82716

to have installed two compliance monitoring wells according to the procedures and conditions of the application number 07-772. The facilities are proximal to coalbed methane produced water impoundments located in Township 53N, Range 74W, Sections 17 and 21 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 (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.

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 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.

**THIS SPACE INTENTIONALLY LEFT BLANK**

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 Program, 1866 South Sheridan Avenue, 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: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213 when discharge to each impoundment covered under this permit commences.
- 3 of 4: Monitoring Requirements:  
 Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:  
 Measurement of static water level of groundwater at monitoring wells:  
 Jacob MW-01, Scott 14-21-5374 MW-01.  
 Reporting results of quarterly monitoring and sampling need to be at the department by January 15<sup>th</sup>, April 15<sup>th</sup>, July 15<sup>th</sup>, and October 15<sup>th</sup> of each year. The first set of data will be due by **July 15, 2008**.

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

**Jacob**

Parameter	Jacob MW-1 Background Value (mg/L) (11/20/2006)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	ND (total)	≥ 0.16	0.2
Selenium	ND (total)	≥ 0.04	0.05
Sulfate	1440	≥ 2400	3000
Total Dissolved Solids (TDS)	2520	≥ 4000	5000
pH	6.8	≤ 6.5	6.5 – 8.5 (s.u.)

**Scott 14-21-5374**

Parameter	Scott 14-21-5374 MW-1 Background Value (mg/L) (11/21/2006)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	ND (total)	≥ 0.16	0.2
Selenium	ND (total)	≥ 0.04	0.05
Sulfate	< 1	≥ 2400	3000
Total Dissolved Solids (TDS)	880	≥ 4000	5000
pH	7.98	≤ 6.5	6.5 – 8.5 (s.u.)

Trigger values, specific to the groundwater samples at each impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded

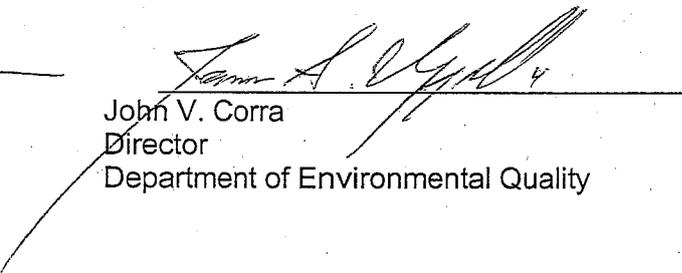
during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15<sup>th</sup> day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater 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: [cbmgroundwater@state.wy.us](mailto:cbmgroundwater@state.wy.us). In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

- 4 of 4. Any exceedance of the water quality standards listed above will be considered a violation of this permit. If an exceedance of groundwater standards occurs as a result of the operation of the impoundment, the WDEQ may require 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

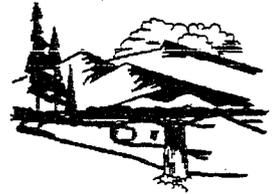
  
\_\_\_\_\_  
John V. Corra  
Director  
Department of Environmental Quality

3/12/08  
\_\_\_\_\_  
Date of Issuance

AWV/rm/8-0204



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

January 17, 2008

Dennis Hacklin  
Town of LaBarge  
P.O. Box 327  
LaBarge, WY 83123

RE Water and Sewer Main Extention; LaBarge, Permit Number 07-773, SE1/4 Section 6, T26N, R112W, Lincoln County

Dear Mr. Hacklin:

The above application for coverage under General Permits to Construct replacement sewer main consisting of 1200 feet of 8-inch PVC and 1300 feet of new and replacement looped 6-inch PVC water main in the Town of LaBarge 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 permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

Perry Roberson  
Consulting Engineer  
Water Quality Division

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

xc: IPS, Cheyenne  
Clarence Kemp P.E., Forsgren Associates, Inc., 849 Front St., Suite 201, Evanston, WY 82930

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

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

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

AIR QUALITY  
(307) 332-6755  
FAX 332-7726

LAND QUALITY  
(307) 332-3047  
FAX 332-7726

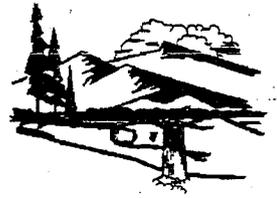
SOLID & HAZARDOUS WASTE  
(307) 332-6924  
FAX 332-7726

WATER QUALITY  
(307) 332-3144  
FAX 332-3183





# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

November 16, 2007

Bill Urbigit  
City of Riverton  
816 North Federal Blvd.  
Riverton, WY 82501

RE: West Monroe Water Line Extension, Permit Number: 07-774, NE ¼, Section 33, T1N, R4E, Fremont County

Dear Mr. Urbigit:

This project involves the construction of about 686 linear feet of 8-inch water line and one fire hydrant to serve four service connections. 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 facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

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

xc: Terry Zenk, P.E., Apex Surveying, Inc., P.O. Box 1751, Riverton, WY 82501  
IPS, Cheyenne

encl: General Permit For a Public Water Supply Distribution System

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

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

AIR QUALITY  
(307) 332-6755  
FAX 332-7726

LAND QUALITY  
(307) 332-3047  
FAX 332-7726

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

WATER QUALITY  
(307) 332-3144  
FAX 332-3183





# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 14, 2008

Ganelle B Edwards  
GECR., LLC  
P.O. Box 258  
Alpine, WY 83218

RE: Nordic Ranches Division # 14 - Waterline Extension - Permit Number 07-775RR, SW 1/4 SE 1/4 ,Section 26,T36N, R119W, Lincoln County

Dear Ms. Edwards:

The above application for coverage under General Permit to Construct a public water supply, water main extension consisting of 6-inch PVC water main and appurtenances to serve 15 residential lots in accordance with Chapter 3, Section 7, Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the 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 permits.

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

Sincerely,

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

xc: IPS, Cheyenne  
David E. Benton, P.E., Benton Engineering, 550 Linden Drive, Idaho Falls, ID 83401

encl: General Permit for a Public Water Supply Distribution System



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 07-776

Riverton Solids Handling Package

This permit hereby authorizes the applicant:

City of Riverton  
816 North Federal Boulevard  
Riverton, Wyoming 82501

to construct, install or modify an upgrade to an existing sewage treatment plant including installation of process piping and earth moving and related building foundations' work according to the procedures and conditions of the application number 07-776. The facility is located SE of Riverton in the NW1/4 of Section 36, Township 1 North, Range 4 East in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 2009.

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

Granting this permit does not imply that DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable 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.

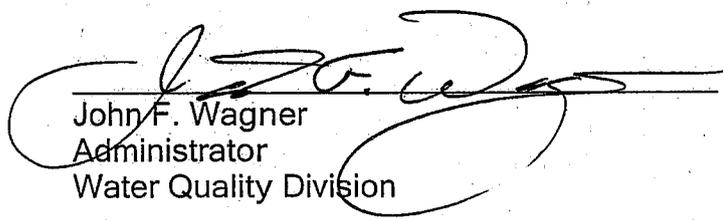
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

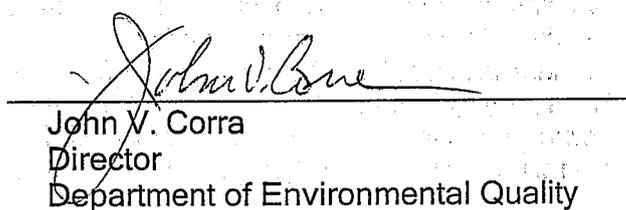
permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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 DEQ/WQD Southeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations (WWQRR) 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 DEQ/WQD Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - 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. 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

\_\_\_\_\_  
Date of Issuance 11/26/07

BDM/DRM/cs/7-1017  
JPC 11/26/07

## STATEMENT OF BASIS

1. Permit Number: 07-776
2. Application reviewed for compliance with the following applicable regulations:
  - a. Chapters 3 and 11.
3. Does the permit comply with all applicable regulations identified above?
  - a. Yes
4. Facilities not specifically covered by regulations
  - a. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.  
  
not required
5. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.  
not required
6. 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 3, Wyoming Water Quality Rules and Regulations. This review was performed by Brian Mark, Staff Engineer, and completed on November 21, 2007. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

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### NOTIFICATION OF COVERAGE

December 28, 2007

Larry Schommer  
10880 East 260<sup>th</sup>  
Elko, MN 55520

RE: Schommer Small Wastewater System  
Permit # 07-777

Dear Mr. Schommer:

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 the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O, of the general permit.

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

Sincerely,

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

Enclosures: General Permit  
Certificate of Completion

cc: IPS, Cheyenne  
WDEQ File  
Tim Lyons, Crook County, P.O. Box 37, Sundance, WY 82729  
Robert O. Shoun, Shoun's Plumbing, Box 994, Sundance, WY 82729





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

### NOTIFICATION OF COVERAGE

December 17, 2007

Doug Wissner, P.E.  
MKK Consulting Engineers, Inc.  
500 West 18<sup>th</sup> Street, Suite 200  
Cheyenne, WY 82001

RE: Donkey Creek BNSF Modular Building Addition  
Commercial Small Wastewater System; Permit # 07-778

Dear Mr. Wissner:

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

Additionally, the following permit conditions apply:

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

Sincerely,

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

Enclosures: General Permit  
Certificate of Completion

cc: IPS, Cheyenne  
Trent Hudak, BNSF Railway Co., 4302 Gibson Rd., Omaha, NE 68107 (w/o plans)  
Keith Bowar, Campbell County, 500 South Gillette Avenue, Suite 1500, Gillette, WY 82716 (w/plans)  
WDEQ File





Specific Comments - Additional Information Required (**John Passehl: 777-5623**)

1. Please fulfill all requirements pursuant to Wyoming Water Quality Rules and Regulations, Chapter 16, Section 6(c)(iv). The area of review (radius) has been drawn around the proposed leach fields but it is unknown how this area was calculated – please describe.
2. Please provide a complete baseline ground water sample of the formation water from either the Longwell Well #2 or Longwell Well #4 monitor wells for all parameters identified in Wyoming Water Quality Rules and Regulations, Chapter 8, Table 1. The recent water quality analysis submitted for Longwell #1 was incomplete.
3. Please provide a geologic map that identifies the geologic formations that will be used for injection and identify the location of the monitor wells and Longwell water well #1 public supply well on the map.
4. Please address the attached Professional Engineer comments from Ron Ewald of the Division's water and wastewater section.

JAP/rm/8-0080

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

Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

FOR: John Passehl

PROJECT: Wyoming Lasting Legacy (Formally Country Campin' Cabins)  
**UIC** Septic Systems Engineering Review  
- 5C6 Sewage Disposal System

LOCATION: SE¼, Section 5, T43N, R94W, **Hot Springs County**

ENGINEER: Sherman B. Allred  
Donnell & Allred, Inc.  
908 Big Horn Avenue, P.O. Box 638  
Worland, Wyoming 82401  
Ph: (307) 347-8276

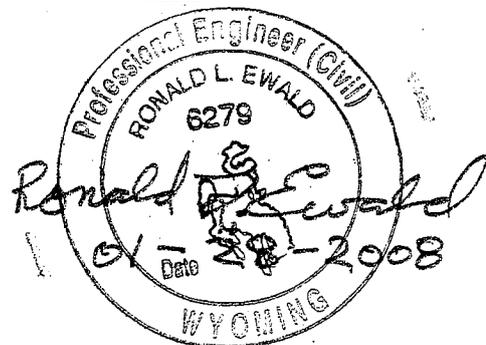
APPLICANT: Longwell Ranches  
Box 44-D, Lucerne Rte.  
Thermopolis, Wyoming 82443

WATER QUALITY DIVISION REFERENCE NUMBER:  
( Reference Permit to Construct # 95-244 )

UIC General - 5C6

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

DATE OF REVIEW: 01-28-08



**ENGINEERING REVIEW COMMENTS:**

1. Technical Engineering Review - This engineering review is of the two existing systems to remain in use (one for cabin tracts 1 - 4, and the second for the store/office system), and two completely new septic and leachfield systems. The plans do not meet the minimum requirements and standards of Chapter 11 of the Water Quality Rules & Regulations, and are therefore recommended for nonapproval.

2. Seasonally High Groundwater Level Response Insufficient - the new leachfield sites are about 200 feet away from the original leachfield and this is far enough for immediate local site circumstances to change. This whole project area is very near to Owl Creek making the depth to GW a critical factor. Therefore, as requested previously, the seasonal high groundwater level at the two new leachfield sites will have to be determined by a qualified person.
3. Percolation Test Results Incomplete and Inconclusive - first, the test results are incomplete because they do not indicate if the test holes were pre-soaked (or for how long) before the tests, and they do not indicate the depth of each test hole. The test results submitted appear to be only for the new west leachfield area. The test results are inconclusive because they were not continued to a point where the percolation rate stabilized for 3 consecutive time periods. The percolation (perk) data presented is all over the place. In all 6 of the test holes the perk rate starts out relatively slow and then gets faster, then slower again, then faster again, and finally slower again. Some of these faster to slower or slower to faster swings are quite dramatic. Perk test data that are reliable and useable start off faster and slow down as the time intervals go by until the perk rate stabilizes at the perk rate of the saturated soil around the test hole. Therefore, just using the average perk rate from the last measurement of the six test holes is rather random and meaningless.

The application package says that, "Exact area of leach field to be revised as soon as additional percolation tests are run." The percolation tests do need to be redone, and at the proper depth below ground surface. If the bottom of the proposed trenches are to be 12" below ground surface, then the test holes must also be only 12" inches deep (plus or minus an inch or two). Shorter time intervals that are consistent, such as 10 or 15 minutes, are recommended. Rerun the percolation tests, for both the east and west new areas, and submit the results and leachfield size recalculations to the DEQ/WQD.

4. Trench and/or Mound Design - it is not clear from the submittal how deep the proposed trenches are to be dug into the ground. The detail sheet would seem to indicate that it is 18". Whereas the "Leaching Chamber Detail" (Attachment B) seems to indicate that the trenches will be at least 24" deep. Therefore, as requested previously, provide a detailed cross-section drawing through the new leachfields from seasonal high GW level to the final surface. Horizontal dimensions also need to be included on this cross-section view.
5. Old "Office-Store-Showers" Septic System - is this system also to remain in service? If so, at what flow capacity? If not, will it be permanently abandoned, and how?
6. Replacement Areas - no replacement areas for the leachfields were indicated on the plans submitted. Please indicate where these areas are.

7. Public Water Supply (PWS) System "Permit To Construct" Required - because this rearranged facility will obviously have at least 15 service connections on the potable water supply well for the project, a Permit to Construct for a Public Water Supply system must also be obtained. Please contact James Brough in our Lander Office at (307) 335-6961.

cc: James Brough, NE District W&WW Supervising Engineer



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

January 29, 2008

Sherman B. Allred  
Donnell & Allred, Inc.  
908 Big Horn Avenue  
Worland, WY 82401

RE: UIC 07-779, Wyoming Lasting Legacy Subdivision (Longwell Ranch)  
Class V injection well application, Hot Springs County

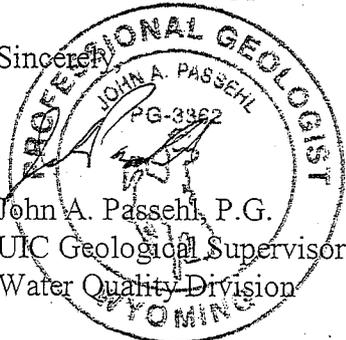
Dear Mr. Allred:

Attached, please find comments developed by the Wyoming Department of Environmental Quality (WDEQ) with respect to the content and adequacy of the Wyoming Water Quality Rules and Regulations, Chapter 16, Class V permit application.

The WDEQ received this application on September 28, 2007. On November 29, 2007 we sent an application deficiency letter. This is a second deficiency letter in response to your latest information received on January 10, 2008. Re-submittal of information by an applicant on an incomplete application will begin a new 60 day review process. Pursuant to Chapter 16, Section 6(h), during any 60 day review period where an application is determined complete, a draft permit for issuance or denial shall be prepared and a public notice provided pursuant to Chapter 16, Section 13.

Please feel free to contact me at (307) 777-5623 should you have any questions related to these comments or the application and review process.

Sincerely,



John A. Passehl, P.G.  
UIC Geological Supervisor  
Water Quality Division

JAP/rm/8-0080

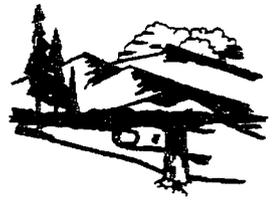
Attachments: WDEQ Comments  
WDEQ Ron Ewald Comments

cc: Ron Ewald, WDEQ  
Longwell Ranches, Box 44-D, Lucerne Rte, 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.

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

November 16, 2007

Mr. Rich Cathcart  
ST OF WY, DEPT OF A&I, State Building Commission  
1920 THOMES AVE #310  
CHEYENNE, WY 82001

RE: SUPREME COURT BUILDING ADDITION FIRE LINE,  
Application No. **07-780**, Laramie County

Dear Mr. Cathcart:

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 described as a fire line, Lots 1-8 Block 170 and Lots 1-8, Block 203, Original City of Cheyenne, 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 May 10, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **07-780** in any future correspondence.

Sincerely,

Louis B. Harmon PE-PG  
Southeast District Engineer  
Water Quality Division

LBH/cs/7-1002

cc: IPS, Cheyenne

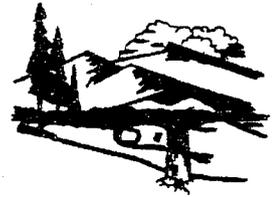
Cheyenne BOPU, P.O. Box 1469, Cheyenne WY 82003

BRUCE PERRYMAN  
AVI, P.C.  
2035 WESTLAND RD  
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.

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

November 28, 2007

City of Douglas  
Attn: Thomas Brauer, City Engineer  
P.O. Box 1030  
Douglas, Wyoming 82633

RE: Douglas Streets Yellowstone Highway, Converse County – Public Utilities System:  
Water & Sewer Replacements & Improvements, Application No. **07-781**  
Location: N½, Section 8, T32N, R71W, Converse County

Dear Mr. Brauer:

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

1. Additions to Wyoming Public Works Standard Specifications for Waterline Construction:
  - a. Section 2665 E.6 - Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.
  - b. Section 2675 D - Flushing shall achieve minimum velocities of at least 5 feet per second for pipelines 12 inches in diameter or less. Flushing shall be through flush valves and a discharge pipe to the surface. Fire hydrants shall not be flushed until after the water main or distribution line is flushed.

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

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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- c. Water mains greater than 12 inches in diameter shall be 100% remote video inspected after completion before first charging with water. If objects greater than 2" in diameter are found, they shall be mechanically removed before water is introduced. If flushing velocities greater than 5 feet per second cannot be achieved, the lines shall be 100% remote video inspected after flushing. Any remaining debris must be removed before the line can be disinfected or placed into service.
2. East Riverside Gate Valve and 100 Year Flood Plain - the gate valve on the east side of the river appears to be very close to, or even inside of the 100 year flood plain boundary. Therefore, to ensure that this valve is outside of the 100 year flood plain, the east riverside valve shall be moved further east to at least STA 138+60.

The approval granted under this Notification Of Coverage and the General Permit shall expire on November 30, 2009. Please reference Application Number 07-781 in any future correspondence.

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

Sincerely,



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

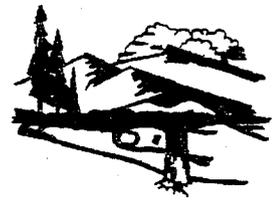
RLE/cs/7-1025

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

cc: IPS, Cheyenne  
Thomas Brauer, CEPI, Inc., 6080 Enterprise Drive, Casper, Wyoming 82609



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

November 16, 2007

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

RE: HEALTH REACH ADDITION FIRE HYDRANT  
Application No. **07-782**, Laramie County

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems described as A fire hydrant, NE1/4 Section 29 T14N 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 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 May 10, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **07-782** in any future correspondence.

Sincerely,

Louis B. Harmon PE-PG  
Southeast District Engineer  
Water Quality Division

LBH/cs/7-1003

cc: IPS, Cheyenne

KELLY HAFNER  
BENCHMARK ENGINEERS PC  
1920 THOMES AVE #620  
CHEYENNE WY 82001

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

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

PERMIT NO. 07-783

Reference Permits; 07-452R, 07-701

Bridger Coal Company - Underground Mine Potable Water System

PWS# No Public Water System Number Assigned

This permit hereby authorizes the applicant:

Pat Akers  
P.O. Box 68  
Point of Rocks, WY 82942

to add a new potable water system consisting of well protection for an existing well, pumping, interim storage, treatment and disinfection to support underground mine operations; according to the procedures and conditions of the application number 07-783. The facility is located within NW 1/4, NW1/4 and SW1/4 Section 12, and NW1/4, Section 13 T21N, R101W in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by January 14, 2010.

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

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

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

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

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

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

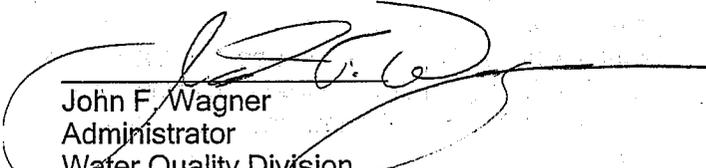
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not

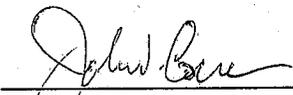
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

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

9/14/08  
Date of Issuance

PDR/rm/8-0122

## STATEMENT OF BASIS

1. Permit Number: 07-783
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.  
NA
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.  
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 Perry Roberson, prober2@state.wy.us, Engineering Consultant, approved by Mark Baron P.E. Southwest District Engineer and completed on January 14, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents permit conditions, and the items identified in this "Statement of Basis."



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

December 12, 2007

Bob Parsons, Supervisor  
Park County W&P  
P.O. Box 626  
Powell, WY 82435

RE: Park County Weed & Pest Control Facility's Small Wastewater Treatment Facility, Permit Number: 07-784RR, T55N, R100W, Park County

Dear Mr. Parsons:

This project involves the installation of a 1,500-gallon septic tank and leachfield system to serve a county office building with a class room. The above application for coverage under General Permit to construct a gravity flow septic tank and leachfield has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations and is hereby approved.

Gene Smith, Park County Small Wastewater Administrator, must be contacted at 307-527-8549 to schedule a construction inspection at least 24 hours prior to the beginning of construction. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

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

xc: IPS, Cheyenne  
Travis Hill, Meineck Engineering, 1527 Rumsey Ave., Cody, WY 82414  
Gene Smith, Park County, 1002 Sheridan Ave., Cody, WY 82414

encl: General Permit For a Small Wastewater Facility

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

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

AIR QUALITY  
(307) 332-6755  
FAX 332-7726

LAND QUALITY  
(307) 332-3047  
FAX 332-7726

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

WATER QUALITY  
(307) 332-3144  
FAX 332-3183





# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

December 21, 2007

Kent Connelly, Chairman  
Lincoln County Board of Commissioners  
925 Sage Avenue, Suite 302  
Kemmerer, WY 83101

RE: Suters Canyon Subdivision, Lincoln County, and WDEQ Application #07-785

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. The WDEQ has an **'Non-Adverse'** recommendation on this proposed subdivision. Our recommendation regarding the feasibility of the proposed water and sewage systems pursuant to the requirements of W.S. 18-5-306 (c) is based on the following findings:

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

WDEQ has reviewed the suitability of the subdivision soils for the disposal of septic effluent using leach fields. WDEQ's **'Non-Adverse'** recommendation is therefore based on the following language, or similar, language needs to be added to the plat and/or all offers, solicitations, advertisements, contacts, and agreements relating to the subdivision, advising potential buyers of the Wyoming Department of Environmental Quality's requirements for the construction of septic systems:

It is the Individual lot owners responsibility to have a Professional Engineer Licensed with the State of Wyoming, to obtain a Chapter 3 Permit to Construct, from the Wyoming Department of Environmental, Water Quality Division to authorize the construction of an enhanced septic system with leach field. Lot owners must submit the permit application to the Southwest District Engineer, Water Quality Division, 510 Meadowview Drive, Lander, WY 82520 for all systems other than the proposed Orenco Advantex (AX20) enhanced treatment system.

Enhanced wastewater septic systems are required to be used in this subdivision. Each small enhanced wastewater treatment system must continually achieving the following minimum treatment standards as required by Chapter 23, Section 7(d)(viii)(C) of the Wyoming Water Quality Rules and Regulations at a depth of 4 feet above the seasonally high groundwater: - Fecal Coliform: < 800 colonies/100mL (maximum 30 day geometric mean) - Total Kjeldahl Nitrogen: < 25mg/L (maximum 30 day average). The total separation distance from the bottom of the leach field trench or bed must be at least six (6) feet from the seasonally high groundwater.



Chairman  
Lincoln County Board of Commissioners  
December 21, 2007

Individual enhanced treatment system owners are required to obtain a maintenance contract and submit annual documentation that maintenance is being provided in accordance with the manufacturer requirements and recommendations and the permit conditions. Authority for this requirement is found in Sections 11 (a) and (c), Chapter 3 of the Wyoming Water Quality Rules and Regulations. Failure to submit annual maintenance documentation is a violation of the compliance requirements for this permit issued under Wyoming Statute 35-11-301. Since Lincoln 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:

WDEQ has reviewed the proposal of Individual on-lot water well for each water system. The WDEQ finds the proposed water wells to be safe and adequate. The on-lot water wells must be constructed to meet or exceed the State Engineer's Office Rules and Regulations, Part III, Water Well Minimum Construction Standards.

Conclusion(s):

The department has an 'Non-Adverse' recommendation 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) 332-3144 if you have any questions on the recommendations or need any assistance on how to proceed with this application.

Sincerely,



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

xc:

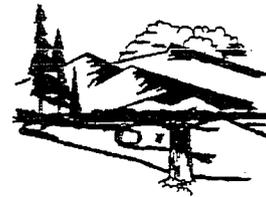
Chairman  
Lincoln County Board of Commissioners  
December 21, 2007

Philip Gyr, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001  
Bill and Lynette Sharpe, P.O. 11090, Bedford, WY 83112  
John Woodward, Lincoln County Office of Planning and Development, P.O. Box 414, Afton, WY  
83110  
Mike Ebsen, Wyoming State Engineers Office, Herschler Building, 4th Floor East, Cheyenne,  
WY 82002  
Lou Harmon, WDEQ/WQD

IPS-Cheyenne  
chron & file(3)



# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

November 15, 2007

Frank Keeler  
P.O.Box 1478  
Rock Springs, WY 82902

RE: Boars Tusk Subdivision Lot 12 Small Wastewater Leachfield System - Permit Number 07-786, Sweetwater County

Location: Lot 12 at SW1/4, Sec 29 T20N R 105 W Boars Tusk Subdivision, Sweetwater County  
N41°40.978,10' W109°16.884,50'

Dear Frank Keeler:

The above application for coverage under General Permit to Construct a small wastewater treatment facility located about 2.4 miles northwest of Rock Springs consisting of a 1000 gallon septic tank and 720 square feet standard infiltrator leach field to serve a 3 bedroom home, in accordance with Chapter 3, Section 7 and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

Perry Roberson  
Consulting Engineer  
Water Quality Division

Mark Baron, P.E.  
Southwest District Engineer

xc: IPS, Cheyenne  
Randy J. Hansen P.E., JFC Engineers and Surveyors, 1515 9<sup>th</sup> St. Suite A, Rock Springs, WY 82901  
Chuck Sykes, Environmental Health Services, 550 Uinta Drive, Suite D, Green River, WY 82935

encl: General Permit for Small Wastewater Treatment Systems





# Department of Environmental Quality



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John Corra, Director

Dave Freudenthal, Governor

## NOTIFICATION OF COVERAGE

February 12, 2008

Timothy A. Kaumo  
City of Rock Springs  
212 D Street  
Rock Springs, WY 82901

RE: Young at Heart Senior Citizens Center- Water and Sewer Main Extensions- Permit Number 07-787RE1/2 Section 28, T19N, R105W, Sweetwater County, Wyoming  
PWS: WY5600050

Dear Mr. Kaumo:

The application for coverage under General Permits to Construct water and sewer main modifications to include a 6-inch PVC sewer main service and 6-inch PVC water distribution main serving the Young at Heart Senior Citizens Center located in the City of Rock Springs 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.

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

Sincerely,

Perry Roberson  
Consulting Engineer  
Water Quality Division

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

xc: IPS, Cheyenne  
Matt Devitt, EIT; JFC Engineers & Surveyors; 1515 Ninth Street, Rock Springs, WY 82901

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

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

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

AIR QUALITY  
(307) 332-6755  
FAX 332-7726

LAND QUALITY  
(307) 332-3047  
FAX 332-7726

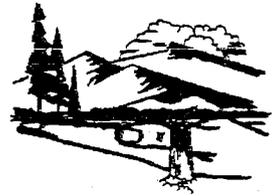
SOLID & HAZARDOUS WASTE  
(307) 332-6924  
FAX 332-7726

WATER QUALITY  
(307) 332-3144  
FAX 332-3183





# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

November 20, 2007

Peter Stewart  
Elk Avenue, LLC  
P.O. Box 7578  
Jackson, WY 83002

RE: Elk Avenue Lot 16 Valley View Water & Sewer Lines, Permit Number: 07-788, SE ¼, Section 17, T40N, R116W, Teton County

Dear Mr. Stewart:

This project involves the installation of about 208 linear feet of 6-inch water line and 112 linear feet of 4-inch sewer service line to serve six residential units and six small industrial commercial bays. 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 facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

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

xc: IPS, Cheyenne  
Robert Nigro, P.E., Teton Engineering, 490 Moulton Loop, Jackson, WY 83001

encl: General Permits For a Public Water Supply Distribution System and Sewage Collection System

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

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

AIR QUALITY  
(307) 332-6755  
FAX 332-7726

LAND QUALITY  
(307) 332-3047  
FAX 332-7726

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

WATER QUALITY  
(307) 332-3144  
FAX 332-3183





# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

December 12, 2007

Bryan R. Phinney, P.E.  
Keller Associates  
412 West Center, Suite 330  
Pocatello, ID 83204

RE: 07-789, Cedar Springs PUD  
Class V injection well application, Lincoln County

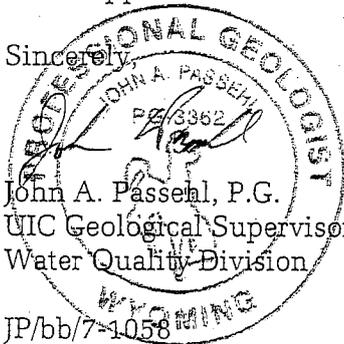
Dear Mr. Phinney:

Attached, please find comments developed by the Wyoming Department of Environmental Quality (WDEQ) with respect to the content and adequacy of the Wyoming Water Quality Rules and Regulations, Chapter 16, Class V permit application.

The WDEQ received this application on November 13, 2007 and has until January 14, 2008 to make an initial determination of completeness (60 days). Re-submittal of information by an applicant on an incomplete application will begin a new 60 day review process. Pursuant to Chapter 16, Section 6(h), during any 60 day review period where an application is determined complete, a draft permit for issuance or denial shall be prepared and a public notice provided pursuant to Chapter 16, Section 13.

Please feel free to contact me at (307) 777-5623 should you have any questions related to these comments or the application and review process.

Sincerely,



John A. Passehl, P.G.  
UIC Geological Supervisor  
Water Quality Division

JP/bb/7-1058

Attachments: WDEQ Ron Ewald Comments  
Monitor well installation diagram

c: Thomas R. Wood, P.G., Clearwater Geosciences, LLP, 510 East 17<sup>th</sup> Street, #205,  
Idaho Falls, ID 83404  
Kevin Frederick, WDEQ  
Ron Ewald, WDEQ  
WDEQ UIC file



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

Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

FOR: John Passehl

PROJECT: Cedar Springs PUD **UIC** Septic Systems Engineering Review  
– 5E3 General Sewage Disposal System

LOCATION: NW¼ SW¼, Section 1, T34N, R119W, **Lincoln County**

ENGINEER: Byran R. Phinney  
Keller Associates  
412 West Center, Suite 330  
Pocatello, Idaho 83204  
Ph: (208) 238-2146

GEOLOGIST: Thomas R. Wood  
Clearwater Geosciences, LLP  
510 East 17<sup>th</sup> St., #205  
Idaho Falls, Idaho 83404  
Ph: (208) 589-5555

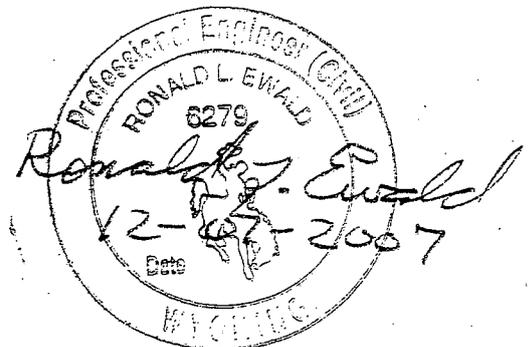
APPLICANT: LDL, LLC  
Tom E. Lewis, Managing Partner  
P.O. Box 842  
Thayne, Wyoming 83127  
Ph: (307) 883-4842

WATER QUALITY DIVISION REFERENCE NUMBER: **07-789 (UIC)**

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

DATE OF REVIEW: 12-07-07

ENGINEERING REVIEW COMMENTS:  
Following on next page.



## ENGINEERING REVIEW COMMENTS:

1. Technical Engineering Review Extent - the extent of this technical engineering review is of the Cedar Springs 30 plus acre site to be developed into 32 separate septic systems with leachfields. The proposed systems are to be either 1000gpd or 1500gpd systems totaling 38,500gpd of design flow for the entire developed site.
2. New Septic Systems Design Details Missing - the design information and details necessary to demonstrate that these new septic systems and leachfields are adequately and properly designed, has not been obtained and/or determined. The kinds of information that are missing and must be submitted for review include:
  - the test data for at least one percolation test at all leachfield sites,
  - depth to seasonally high groundwater (GW) level determinations at all of the percolation rate test sites, and how the GW level was determined,
  - specify septic tank makes, models, and sizes to be used, in particular – no information on the 1500 gallon septic tank was provided,
  - leachfield size calculations, including the length of the model system, and
  - any other pertinent information, calculations, details, or drawings.
3. Seasonally High Groundwater Level - the depth to the seasonally high GW levels in the submittal was reported to be 6 to 187 feet below the ground surface(bgs), with an average depth of 33 feet bgs. Since some of these leachfields may be sited above GW as shallow as 6 feet bgs, the seasonally high GW levels throughout the site need to be more accurately determined, as per above.
4. Components Proposed, Done, or Calculated Incorrectly - the following components of the submittal have been identified as not meeting the Water Quality Division, Chapter 11 or 16 minimum requirements, or were calculated incorrectly:
  - a. Distance Between Leachfield Trenches Too Small - the propose leachfield design shows only 2 ½ feet between the leachfield trenches. A **minimum of 3 feet of undisturbed soil** is required between the trenches.
  - b. Performance verification for the JET Brand Sewage Treatment Tanks - no performance verification documents were submitted with the submittal to verify the BOD, TSS, and TKN reduction performance of the *JET Inc.* 1000 and 1500 gpd model Enhanced Sewage Treatment System Tanks. Performance verification from NSF International out of Ann Arbor, Michigan doing the NSF/ANSI Standard 40 – Residential Wastewater Treatment Systems performance test, must be submitted to confirm that reduced levels of these constituents can be used for modeling purposes.

- c. Wehrmann Model Calculations - several input parameters were incorrect as follows:
- on spreadsheet 1, 1,368 feet was input for "L" when it should have been 200 feet. This will affect the output nitrate concentration  $C_0$  significantly.
  - on spreadsheet 2, 319 inches/year was used for "AP", and  $0.321 \text{ mL/cm}^3$  was used for "TH". These are the values used in the example spreadsheet 2. Values for this site and soil conditions need to be determined to be used as input parameters for the model. If site specific values are input "VT", and "HD" could also change significantly.

**P.S. - Very Important:** Notice to Project Owner and Engineer. Because this facility will obviously have at least 15 service connections on the three potable water supply wells for this project, a **Permit to Construct** for a **Public Water Supply** (PWS) system **must also be obtained**. Please contact Mark Baron in our Lander Office at (307) 335-6962.

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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION

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

PROJECT: 07-789  
Cedar Springs PUD Class V injection well application

LOCATION: Lincoln County

APPLICANT: Tom Lewis  
LDL, LLC  
P.O. Box 842  
Thayne, WY 83127

OWNER: Tom Lewis

CONSULTANTS:

GEOLOGIST Thomas R. Wood, P.G.  
Clearwater Geosciences, LLP  
510 East 17<sup>th</sup> Street, #205  
Idaho Falls, ID 83404

ENGINEER Bryan R. Phinney, P.E.  
Keller Associates  
412 West Center, Suite 330  
Pocatello, ID 83204

TITLE: "Cedar Springs PUD Septic Systems"

PLANS  SPECS  PROPOSAL  REPORT

DATE ON PROPOSAL/PLANS/REPORT: November 1, 2007

DATE RECEIVED BY WDEQ: November 13, 2007

WDEQ REVIEWER: John A. Passehl, P.G. Ronald Ewald, P.E.  
PROFESSIONAL GEOLOGIST PROFESSIONAL ENGINEER

DATE OF THIS REVIEW: December 13, 2007

ACTION: Application Incomplete; See Attached Comments

I. WDEQ Comments:

Specific Comments - Additional Information Required (John Passehl: 777-5623)

1. According to Chapter 16 Section 11(f) "All Class V permits shall contain a point of compliance. The point of compliance shall be the point of injection or specific monitor wells located down gradient of the injection facilities." The application proposes no monitor wells. Please ensure two (2) monitor wells (MW-1, MW-2) are located down gradient of the leach fields (west center property boundary) and completed into the first water bearing formation. The south public supply well may be used as an upgradient monitor well. Please provide detailed well construction details of the proposed monitor wells using the enclosed diagram. Additionally after the wells are constructed a detailed baseline ground water analysis will need to be collected and submitted from one (1) monitor well prior to use of the injection facility.
2. Due to the location of the septic systems and the direction of groundwater flow it is recommended that the public supply well presently located at the northwest corner of the property (Sheet C2) be re-located to the east property boundary line and maintain a minimum 130 feet setback from all proposed leach field systems.
3. Please provide a typical well construction detail for the proposed public supply wells (i.e. similar to monitor well installation diagram).
4. Please provide Quarter/Quarter/Section/Township/Range locations of all monitor wells and public supply wells.
5. The following table contains parameters and reporting frequencies that are specific to your new Class V (5E3) permit for (proposed) **Monitoring Wells #1, #2, Public Supply Well:**

**Semi-Annual Monitor Well Sampling Schedule (Jan 1-Dec 31)**

Parameter Analyzed	Report Schedule	MCL (mg/L)
Nitrate	Annual	10.0
Ammonia	Annual	0.5
Chloride	Annual	250
Fecal Coliform Bacteria (public supply well only)	Annual	0/100 mL
Static Water Level Elevation	Annual	None (feet)

6. Please provide a statement that all injection and monitoring wells will be constructed and plugged and abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 11, Part G.

7. Please register at the following website so that future UIC applications and monitoring lab reports (associated with this facility) can be submitted/uploaded electronically <https://gem.trihydro.com> The parameters required to be reported for the baseline water quality samples can be obtained from the website under "Monitor Reports", then select company as "Cedar Springs", then "MW-1". Note - obtaining permission to access the site may take up to 24 hours.
8. Please address the attached Professional Engineer comments from Ron Ewald of the Division's water and wastewater section.

JP/bb/7-1058



The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

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### NOTIFICATION OF COVERAGE

November 16, 2007

Kelly J. Kaul  
P.O. Box 37  
Newcastle, WY 82701

RE: Kaul Residential Septic System  
Permit # 07-790

Dear Mr. Kaul:

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 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.

In addition, the following permit conditions apply:

**1) Cleanouts are required to be installed in the sewer line at all bends or cumulative changes in direction 22.5° and greater.**

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

Sincerely,

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

Enclosures: General Permit  
Certificate of Completion

cc: IPS, Cheyenne  
WDEQ File





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

### NOTIFICATION OF COVERAGE

December 28, 2007

Mr. Clark Fairbanks, Superintendent  
Wyoming Girls School  
PO Box 868  
Sheridan, WY 82801

RE: Wyoming Girls School Dormitories, Application No. 07-791

Dear Mr. Fairbanks:

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. Your attention is directed to the mandatory reporting requirements outlined in Part V. Section O. of the general permits.

If you have any questions, please contact me at 307-473-3471.

Sincerely,

*Kevin J. Frank*

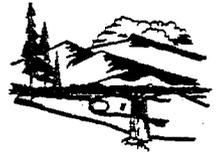
Kevin J. Frank  
Engineering Consultant  
Water Quality Division

cc: IPS, Cheyenne  
Chad Reed, PE; WWC Engineering; 1849 Terra Avenue; Sheridan, WY 82801





The State  
of Wyoming



Dave Freudenthal, Governor

## Department of Environmental Quality

John Corra, Director

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

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### NOTIFICATION OF COVERAGE

December 18, 2007

Tom Wolf  
279 New Haven Road  
Hulett, WY 82720

RE: Wolf Small Wastewater System  
Permit # 07-793

Dear Mr. Wolf:

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 the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O, of the general permit.

If you have any questions, please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3465. Thank you.

Sincerely,

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

Enclosures: General Permit  
Certificate of Completion

cc: IPS, Cheyenne  
WDEQ File  
Russell Stinson, Stinson Backhoe, Box 23, Hulett, WY 82720  
Tim Lyons, Crook County, P.O. Box 37, Sundance, WY 82729





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

### NOTIFICATION OF COVERAGE

December 14, 2007

Mr. Pat Rasmussen  
District Manager  
Weatherford  
2690 Oil Drive  
Casper, WY 82604

RE: Weatherford Fire Line, Application No. 07-794

Dear Mr. Rasmussen:

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. Your attention is directed to the mandatory reporting requirements outlined in Part V. Section O. of the general permits.

If you have any questions, please contact me at 307-473-3471.

Sincerely,

*Kevin J. Frank*

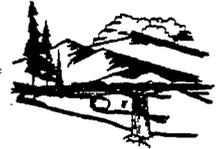
Kevin J. Frank  
Engineering Consultant  
Water Quality Division

cc: IPS, Cheyenne  
Robert Bennett, PE; CEPI; 6080 Enterprise Dr; Casper, WY 82609





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

### NOTIFICATION OF COVERAGE

January 7, 2008

Keith Materi  
Materi Operating, Inc.  
P.O. Box 862  
Upton, WY 82730

RE: Materi Operating, Inc. Shop – Temporary Holding Tank  
Permit # 07-795

Dear Mr. Materi:

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 (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O, of the general permit.

Additionally, the following project specific conditions also apply:

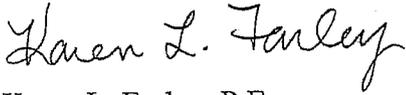
- A. Limitation of Use – This permit expires within twelve months of issue or until public sewer service is available for the property, which ever occurs first. **If use of the temporary holding tank is required beyond the limit of the permit, notify WDEQ 30 days prior to permit expiration.**
- B. The holding tank will be required to have a two-inch minimum diameter vent, screened, terminating at least 30 feet from any door, window, or fresh air inlet, per WWQRR Chapter 11, Section 43 (d).
- C. The holding tank will be required to have a six-inch pump out pipe, capped, which extends to the surface, per WWQRR Chapter 11, Section 43 (f).

Page 1 of 2



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

Sincerely,



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

Enclosures:      General Permit

cc:      Tom Barritt, Weston County Development Board, P.O. Box 255, Upton, WY 82730  
         Mark Lindstrom, Superintendent, Town of Upton, Box 203, Upton, WY 82730  
         WDEQ File  
         ~~IPS~~ Cheyenne



The State  
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## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

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### NOTIFICATION OF COVERAGE

November 16, 2007

Rita Callaway Spizzirri  
8318 South 10033 Avenue  
Goodyear, AZ 85338

RE: Spizzirri Small Wastewater System  
Permit # 07-796

Dear Ms. Spizzirri:

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 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.

In addition, the following permit conditions apply:

- 1) Cleanouts are required in the sewer line at all bends and/or cumulative changes in direction 22.5° and greater.
- 2) Required separation between the septic tank and the waterline is a minimum of 25'.

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

Sincerely,

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

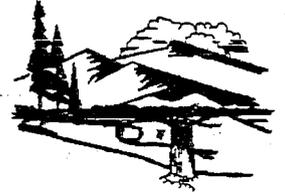
Enclosures: General Permit  
Certificate of Completion

cc: IPS, Cheyenne  
WDEQ File  
Tim Lyons, Crook County, P.O. Box 37, Sundance, WY 82729





# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

December 6, 2007

Luan Bushta, Manager  
Brown Dog, L.L.C.  
301 17<sup>th</sup> Street  
Cody, WY 82414

RE: Rocky Mountain Business Park Sewer Collection & Treated Water Mains, Permit Number: 07-797, Tract 70B, T53N, R101W, Park County

Dear Mr. Bushta:

This project involves the installation of approximately 1,295 linear feet of 8-inch water line and 1,136 linear feet of 10-inch sewer line which will serve 12 commercial lots. The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Section 9; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations is hereby approved.

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

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

Sincerely,

James Brough, P.E.  
Environmental Engineer  
Water Quality Division

xc: IPS, Cheyenne  
James Evans, P.E., Sage Civil Engineering, 2824 Big Horn Ave., Cody, WY 82414  
Stephen W. Payne, P.E., City of Cody, P.O. Box 2200, Cody, WY 82414

encl: General Permits For a Public Water Distribution System & Existing Sewage Collection System

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

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

AIR QUALITY  
(307) 332-6755  
FAX 332-7726

LAND QUALITY  
(307) 332-3047  
FAX 332-7726

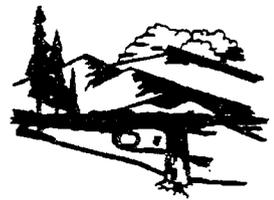
SOLID & HAZARDOUS WASTE  
(307) 332-6924  
FAX 332-7726

WATER QUALITY  
(307) 332-3144  
FAX 332-3183





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John Corra, Director

## NOTIFICATION OF COVERAGE

November 19, 2007

Mr. Mark Kauffman  
MARK KAUFFMAN  
201 QUAIL ROOST DRIV  
MITCHELL, NE 39357

RE: DEMING BLDG, Application No. **07-798**, Laramie County

Dear Mr. Kauffman:

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 as fire line extension, SE1/4 Section 31 T14N R66W; LAR County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the 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 May 10, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **07-798** in any future correspondence.

Sincerely,

Louis B. Harmon PE-PG  
Southeast District Engineer  
Water Quality Division

LBH/cs/7-1007

cc: IPS, Cheyenne

KELLY HAFNER  
BENCHMARK ENGINEERS PC  
1920 THOMES, STE 620  
CHEYENNE WY 82001

Mr. Herman Noe, Cheyenne BOPU, P.O. 1469, Cheyenne, WY 82003-1469

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

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

Dave Freudenthal, Governor

John Corra, Director

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

### NOTIFICATION OF COVERAGE

January 14, 2008

Tom Fries  
A-1 Drilling  
1059 Oilfield Lane  
Gillette, WY 82718

RE: A-1 Drilling Commercial Small Wastewater System, Permit # 07-800

Dear Mr. Fries:

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

Sincerely,

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

Enclosures: General Permit  
Certificate of Completion

cc: IPS, Cheyenne  
E.J. Collins, P.E., 200 W. Hogeye, Gillette, WY 82716  
Keith Bowar, Campbell County Planning and Zoning, 500 S. Gillette Ave., Suite 1500, Gillette, WY 82716  
WDEQ File



