

## PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 01-251R  
SPECIAL CONDITIONS

### Pavillion LDS Branch Building Small Wastewater Facility

This permit hereby authorizes the applicant:

Church of Jesus Christ of Latter-Day Saints  
409 Northpointe Drive  
Riverton, WY 82501

to construct a septic tank w/effluent filter and pump, an intermittent sand filter, and a non-discharging wastewater pond according to the procedures and conditions of application number 01-251R. The facility is located in NW1/4 Sec. 19, T3N, R2E Wind River Meridian in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Jeff Hermansky, Northwest District Supervisor, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-3183.

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/or 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.

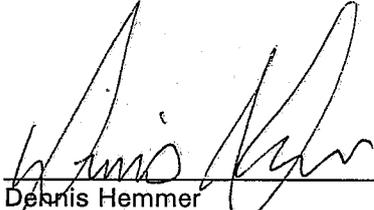
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

- 1 of 5 The applicant will notify the Northwest District Supervisor, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; by the attached post card of the date construction will begin & the estimated completion date.
- 2 of 5 The applicant will provide immediate oral and/or written notice to the Northwest District Supervisor, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, 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.
- 3 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District Supervisor, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; 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.
- 4 of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 5 An operation and maintenance manual for the pumping system and intermittent sand filter must be provided to the WQD/DEQ and the owner prior to the facility being put in service.

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

9-28-01  
Date of Issuance

JCH/jm

b/12492.ltr

STATEMENT OF BASIS

General information.

Permit Number: 01-251R

II. Application reviewed for compliance with the following regulations.

A. Chapter 11. Yes

B. Chapter 12. No

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section 2.

Yes

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter 11, or 12.

No

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

N/A

IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

N/A

B. Briefly state the basis for the deviation.

N/A

C. Permit based on general or statewide deviation contained in approved policy statement

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3<sup>1</sup>.

N/A

VI. If Section 17 of Chapter 3 is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

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<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.

A. Facility will not allow a discharge to groundwater. Briefly describe:

N/A

B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

N/A

C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

N/A

D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example: maintenance of manure pack at animal waste treatment facility). Briefly describe:

N/A

E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter 8. Briefly describe:

N/A

F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

N/A

G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

N/A

VII. Documentation of Statement of Basis.

The archives 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 Jeff Hermansky, Northwest District Supervisor, and completed on September 20, 2001. 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  
STATE OF WYOMING  
UNDERGROUND INJECTION CONTROL PERMIT  
AUTHORIZATION TO DISCHARGE INTO UNDERGROUND RECEIVERS  
ISSUED UNDER CHAPTER 16, WATER QUALITY RULES AND REGULATIONS

(X) New  
( ) Modified

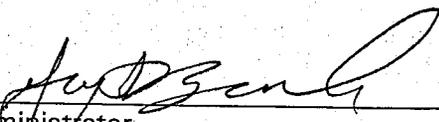
Permit Number: UIC 01-252  
Subclass Number: 5E3

In compliance with the Wyoming Environmental Quality Act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through (iv), Laws 1973, Ch. 250, Section 1) and Water Quality Rules and Regulations, Chapter 3 (1988), and Chapter 16 (1998),

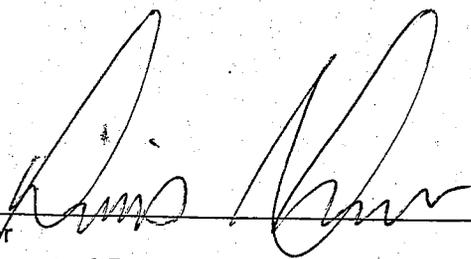
Applicant: Fort Laramie National Historic Site  
HC 72 Box 389  
Fort Laramie, WY 82212  
(307) 837-2221

is authorized to operate the Fort Laramie National Historic Site Wastewater Facility in the NW¼, Section 28, Township 26 North, Range 64 West, of the 6th Principal Meridian; according to the procedures and conditions of application # 01-252 and other conditions of this permit as contained on pages 1 through 9.

This permit shall become effective on date of issuance.

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
Herschler Building, 122 West 25th Street  
Cheyenne, WY 82002  
Phone: (307) 777-7781

8-9-2001  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Director  
Department of Environmental Quality  
Herschler Building, 122 West 25th Street  
Cheyenne, WY 82002

8-9-2001  
\_\_\_\_\_  
Date

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A. DISCHARGE ZONE AND AREA OF REVIEW

Discharge Zone:

This injection facility (sanitary leachfield) is authorized to inject into the Alluvial Aquifer along the Laramie River which is found at this location from zero to 50 feet below the ground surface.

2. Area of Review

The facility authorized by this permit is located in:

Township 26 North, Range 64 West, 6th Principal Meridian
Section 28: NW 1/4

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

Township 26 North, Range 64 West, 6th Principal Meridian
Section 20: SE 1/4 SE 1/4
Section 21: SW 1/4, SE 1/4 SW 1/4
Section 28: NW 1/4
Section 29: NE 1/4, SE 1/4 NE 1/4

B. GROUNDWATER CLASSIFICATION

- 1. The groundwater in the alluvial aquifer along the Laramie River is classified as class I (Domestic) under Chapter 8 of Wyoming Water Quality Rules and Regulations (April 9, 1980). This classification was made because: The groundwater in this formation is currently being used for domestic purposes at several points of withdrawal.

2. Groundwater of class I shall not be degraded so as to make it unusable as a source of water for this purpose. Any parameters which do not meet the class of use standard shall not be degraded whatsoever.

## C. **AUTHORIZED OPERATIONS**

Fort Laramie National Historic Site is authorized to inject 68 barrels per day, (2,860 gallons per day) of wastewater as described: Sanitary waste only from restroom facilities. Fort Laramie National Historic Site is authorized to inject at a pressure of no more than 10 psi as measured at the leachfield. This pressure is controlled by gravity drainage and is not required to be monitored.

**Hazardous Waste** This permit does not allow for the injection of any hazardous waste as defined by 40 CFR 261. Injection of any substance defined as hazardous waste, whether hazardous by listing or by characteristic is a violation of this permit.

In the event that this septic system is converted at any time to any other use, additional capacity may be required for the septic system. Any such conversion shall be reported to the DEQ in the form of a modified permit application showing that all required capacity exists for the newly converted system.

## D. **ENVIRONMENTAL MONITORING PROGRAM FOR GROUNDWATERS OF THE STATE**

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. Fort Laramie National Historic Site shall prepare records of all monitoring information to be retained for a period of at least 3 years after closure of the facility.
3. Records of monitoring information shall include:
  - a. The date, exact place, and time of sampling or measurements;
  - b. The name(s) of individual(s) who performed the sampling or measurements;
  - c. The date(s) analyses were performed;
  - d. Names of individuals who performed the analyses;
  - e. The analytical techniques or methods used; and
  - f. The results of such analyses.

4. The groundwater in the receiving formation shall be sampled and the following parameters analyzed according to the following schedule and reported annually by December 1 of each year.

WELL NAME OR NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL) *
Monitor Wells MW-3 and MW-4	Semi annually in May and October of each year	EPA 200 Series Methods	Cadmium	.010
			Chromium	.050
			Lead	.050
		EPA Method 350.3	Ammonia as N	.500
		EPA Method 353.2	Nitrate as N	10.0
		any method	Fecal Coliform	1/100 ml
			Water Elevation	no limit

\*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted.

The above Upper Control Limit (UCL) is not to be exceeded in any sample. Exceedance of this value is a violation of this permit and shall require corrective action. In the event that any of the above UCL's are exceeded, the Fort Laramie National Historic Site shall immediately sample all domestic use wells on their property for Total Coliform Bacteria.

After the first two years of operation, the Water Quality Division may, without reissuing this permit, waive further monitoring of any parameter from the above list or may require additional monitoring based on new information about the nature of the waste. The Fort Laramie National Historic Site shall report the results of all analysis done, regardless of whether those analysis were required by this permit. The Water Quality Division may also, after the first two years of operation, approve a more or less stringent monitoring schedule.

#### **E. REQUIREMENTS FOR MONITORING THE DISCHARGE**

Fort Laramie National Historic Site shall monitor the quality of the injectate fluid on the following schedule. The following parameters shall be analyzed by the listed methods and reported annually:

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL) *
Annually in October of each year	EPA 200 Series Methods	Cadmium	.010
		Chromium	.050
		Lead	.050
	EPA Method 350.3	Ammonia as N	50.0

\*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted. The above Upper Control Limit (UCL) is not to be exceeded in any sample. Exceedance of this value is a violation of this permit and shall require corrective action. In the event that any contaminant is found to exceed the above UCL's the Fort Laramie National Historic Site shall undertake a study to determine and eliminate the source of that contaminant from the waste stream. Any parameter found to be exceeding the above UCL shall be sampled for in the downgradient wells if not already sampled for. Fort Laramie National Historic Site shall sample the downgradient well within 30 days of the date that it becomes aware of any exceedance of the above UCL's. After the first year of operation, the Water Quality Division may, without reissuing this permit, waive further monitoring of any parameter from the above list or may require additional monitoring based on new information about the nature of the waste. The Water Quality Division may also, after the first year of operation, approve a more or less stringent monitoring schedule.

## **F. RECORDS AND REPORTS**

1. Fort Laramie National Historic Site shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.
2. Fort Laramie National Historic Site shall give notice to the administrator as soon as possible of any planned physical alterations or additions to the permitted facility.
3. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 30 days following each schedule date.
4. Fort Laramie National Historic Site shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time Fort Laramie National Historic Site becomes aware of the circumstances. The report should include:
  - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.
  - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.

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

5. Fort Laramie National Historic Site shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted; such reports shall contain the information listed in 4. above.

6. When Fort Laramie National Historic Site becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the administrator, it shall promptly submit such facts or information.
7. Fort Laramie National Historic Site shall retain all records concerning the nature and composition of injected fluids until 5 years after completion of any specified plugging and abandonment procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.
8. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, a groundwater pollution control permit has been issued by the department for the proposed operation, and:
  - a. Well construction is complete and Fort Laramie National Historic Site has submitted notice of completion of construction to the administrator,
  - b. The administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or Fort Laramie National Historic Site has not received notice from the administrator of intent to inspect or otherwise review the facility within 13 days of the notice of a. above, in which case prior inspection or review is waived, and
  - c. Fort Laramie National Historic Site has submitted, and the Water Quality Division has approved, an Operation and Maintenance Manual for both the septic system and the public water system.
9. The annual report of operations for this facility shall be submitted on forms provided by the department and shall include the following information:
  - a. Any permit exceedances within the previous year.
  - b. The analytical results for sampling for the injected water and any groundwater sampling results required under Section D or E of this permit.
  - c. Annual reports are due in the Cheyenne office of the Water Quality Division no later than December 1 of each year.
10. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the administrator within 30 days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

## **G. GENERAL CONDITIONS**

1. After notice and opportunity for a hearing, a permit may be modified, suspended, or revoked in whole or part during its term for cause which includes, but is not limited to, any of the following:
  - a. Violation of the permit;
  - b. Obtaining a permit by misrepresentation or failure of the discharge well or system.

2. Each permit is reviewed at least once every 5 years, and may be reviewed more frequently.
3. A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit is issued. A permit may be modified in whole or part in order to apply more, or less, stringent standards; or prohibitions for a toxic or other substance present in Fort Laramie National Historic Site's discharge, as may be ordered by the council. This permit can be terminated by authority of the administrator for one or more permit violations.
4. Public notice of the permit review and request for public comment will be made every 10 years by the administrator.
5. Any permit noncompliance constitutes a violation of the permit.
6. The filing of a request by Fort Laramie National Historic Site for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
7. The owner/operator of record (permittee) is always responsible for permit compliance. A permit holder cannot transfer his permit without approval of the department director.
8. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve Fort Laramie National Historic Site from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.
9. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
10. The provisions of this permit are severable, and if any provision of the permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
11. Pollution or waste which migrates into an aquifer containing a usable groundwater of the state is a violation of the permit.

#### **H. DUTIES OF FORT LARAMIE NATIONAL HISTORIC SITE**

It is a duty of Fort Laramie National Historic Site to:

1. Comply with all permit conditions;
2. Halt or reduce activity -- it shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce Fort Laramie National Historic Site activity in order to maintain compliance with the permit conditions;
3. Take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit; and

4. Furnish to the administrator within a reasonable time, any information which the administrator may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit; and furnish to the administrator, upon request, copies of records required to be kept by this permit.

**I. SPECIAL MEASURES THE DIRECTOR FINDS NECESSARY:**

1. In the event that sewage is found to be surfacing from the leachfield covered by this permit, this is a violation of this permit and shall be reported immediately as required by Section F of this permit. In the event that the leachfield covered by this permit should fail, it is not necessary to modify this permit to allow for the replacement leachfield to be installed, so long as the construction specifications remain the same. Fort Laramie National Historic Site shall submit a plan showing the location of the replacement area for department approval prior to the installation of any replacement leachfield. Fort Laramie National Historic Site shall notify the department that the replacement leachfield is to be installed within 90 days of determining that the primary leachfield has failed.

2. The Fort Laramie National Historic Site shall notify the UIC Program Supervisor, 122 West 25<sup>th</sup> Street, Cheyenne, WY 82002, (307) 777-7095, (307) 777-5973 (FAX) or [blucht@state.wy.us](mailto:blucht@state.wy.us) at least five days prior to installing the septic system to arrange for an on-site inspection of the facility.

**J. SIGNATORIES REQUIREMENT**

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

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

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

For a municipality, state, federal or other public agency -- by either the principal executive officer or ranking elected official.

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

- a. The authorization is made in writing by one of the described principals;
- b. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and
- c. The written authorization is submitted to the administrator.

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

3. Any person signing a report or other requested information shall make the following certification:

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

RL/bb/12036.ltr

STATEMENT OF BASIS FOR A UIC PERMIT

General information.

A. Permit Number: 01-252

B. Facilities Covered: The Fort Laramie National Historic Place Septic System. Covers a large scale sanitary septic system with a capacity of 2,860 gallons per day, a sewer line to serve that facility, and a new leachfield to reach that capacity.

C. Class of Facility: 5E3 (Under Chapter 16)

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

A. Chapter 8.        Yes

D. Chapter 12.      No

B. Chapter 9.        No

E. Chapter 13.      No

C. Chapter 11.      Yes

F. Chapter 16.      Yes

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

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

Yes

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

Yes: System uses "Infiltrators" and is designed in accord with policy 13.41.2

IV. Facilities not specifically covered by regulations. NOT Applicable

Application requires review to determine groundwater impacts in accordance with Section 17,

Chapter 3. Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 17. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable. This is a modification to an existing system with a new leachfield. A groundwater review has been completed in accordance with Section 17. This modification provides for a flow capacity to 2,860 gallons per day.

VI. Documentation of Statement of Basis.

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

VII. Applicant and Public Participation

- A. The applicant has been provided with a draft permit prior to the permit being issued.
- B. A Public Notice has been issued with a public notice period starting July 6, 2001 and ending on August 6, 2001 (30 day notice as required by Chapter 16.) This notice was published in the Torrington Telegram on or before the start of the public comment period.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 5, Chapter 16, Wyoming Water Quality Rules and Regulations. This review was performed by Robert F. Lucht, P.E. and P.G., UIC Program Supervisor, and completed on June 29, 2001. 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."

RFL/bb/11628.ltr

**STATEMENT OF BASIS FOR A UIC PERMIT**

General information.

A. Permit Number: 01-252

B. Facilities Covered: The Fort Laramie National Historic Place Septic System. Covers a large scale sanitary septic system with a capacity of 2,860 gallons per day, a sewer line to serve that facility, and a new leachfield to reach that capacity.

C. Class of Facility: 5E3 (Under Chapter 16)

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

A. Chapter 8.        Yes

D. Chapter 12.      No

B. Chapter 9.        No

E. Chapter 13.      No

C. Chapter 11.      Yes

F. Chapter 16.      Yes

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

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

Yes

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

Yes: System uses "Infiltrators" and is designed in accord with policy 13.41.2

IV. Facilities not specifically covered by regulations. NOT Applicable

Application requires review to determine groundwater impacts in accordance with Section 17,

Chapter 3. Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 17. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

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

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RFL/bb/11628.ltr



THE STATE OF WYOMING

JIM GERINGER  
GOVERNOR



## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

July 20, 2001

Vern Heisler, City Engineer  
City of Riverton  
816 N. Federal Blvd.  
Riverton, WY 82501

RE: Ryan Heights Water Improvement Project - Phase II, Permit Number: 01-253,  
NW 1/4 Section 34, T1N, R4E  
Fremont County, PWS# WY5600047

Dear Mr. Heisler:

The above application for coverage under General Permit to Construct an extension of a public water distribution system which consists of 246 linear feet (LF) of 8 inch PVC water main, 730 LF of 6 inch PVC water main and appurtenances in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

Jeff Hermansky, P.E.  
District Engineer  
Water Quality Division

cc: IPS, Cheyenne

encl: General Permit For a Public Water Supply Distribution System

## ROAD APPLICATION PERMIT

New  
 Renewal  
 Modified

PERMIT NO. 01-254  
SPECIAL CONDITIONS

### Lost Cabin Gas Plant Area - Road Dust Control

This permit hereby authorizes the applicant:

Fremont County Road & Bridge  
450 N. 2nd, Room 310  
Lander, WY 82520

to road apply treated produced water and magnesium chloride according to the procedures and conditions of application number 01-254. The application site is located in Sections 1,2,3 and 12, T38N, R91W and Sections 3,4,6,7,8,9,10,11,12, T38N, R90W in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by July 23, 2006.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable standards. Compliance with DEQ standards is the responsibility of the permittee, owner, and/or operator.

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

The permittee shall allow authorized representatives from the DEQ, Water Quality Division (WQD), 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/or 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.

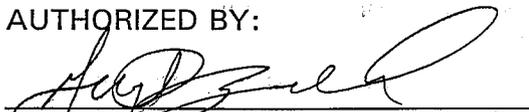
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

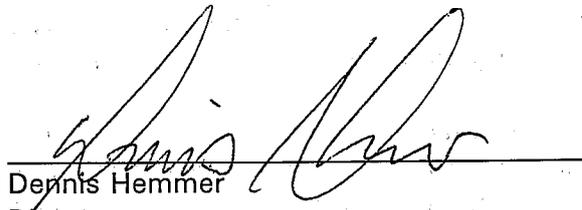
1 of 8     The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance

notice is required. The authorized representative in your area can be contacted at the following address: Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; (307)332-3144; FAX (307) 332-3183.

- 2 of 8 The permittee will provide immediate oral and/or written notice to the Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, 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 to the approved permit package.
- 3 of 8 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; on the attached Certification of Completion form, the following information:
- A. Date that the road application was completed; and
  - B. Certification the road application was done in accordance with the terms and conditions of the permit; or
  - C. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received treated produced water and magnesium chloride.
- 4 of 8 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 8 The treated produced water and magnesium chloride shall be applied uniformly and incorporated into the roadbed. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist. The treated produced water and magnesium chloride shall not be applied during the period from November 1 to April 10.
- 6 of 8 The application site slope shall not exceed eight percent (8%) for vehicular application.
- 7 of 8 The treated produced water and magnesium chloride application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 8 of 8 Only the roads designated in this permit are authorized for application of the treated produced water and magnesium chloride. Additional or alternate sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the WQD.

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

7-25-01  
\_\_\_\_\_  
Date of Issuance

JCH/mad/11857-ltr

## STATEMENT OF BASIS

### I. General information.

Permit Number: 01-254

### II. Application reviewed for compliance with the following regulations.

A. Chapter 11. Yes

B. Chapter 12 No

### III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section 2.

No

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter 11, or 12.

No

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

No

### IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

There are not numeric standards or criteria in Chapter XI for road application. W.S. 35-11-301 (a)(iii) requires a permit to be issued when any disposal system capable of causing or contributing to pollution is constructed, installed modified or operated.

B. Briefly state the basis for the deviation.

Road application is permitted when DEQ authorized disposal facilities are not readily available, a beneficial use of the waste to be applied is possible, and significant impact to waters of the State is minimized.

C. Permit based on general or statewide deviation contained in approved policy statement.

District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (8/91), 10.4 (10/24/91), and 10.6 (1/18/91) address the statutory authority to regulate the road application of waste, establish criteria

for characterizing the waste, and determine acceptable conditions for the application of the waste to roadbeds to minimize impact to waters of the State.

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 5.

Applicable

VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

A. Facility will not allow a discharge to groundwater. Briefly describe:

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the treated produced water and magnesium chloride onto the roadbed.

B. Quality of waste is such that it will not cause a violation of groundwater standards. Briefly describe:

N/A

C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

N/A

D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example maintenance of manure pack at animal waste treatment facility). Briefly describe:

N/A

E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter 8. Briefly describe:

N/A

F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

N/A

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<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.

G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

N/A

VII. Documentation of Statement of Basis.

The archives 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 Jeff Hermansky, Northwest District Engineering Supervisor, and completed on July 23, 2001. 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."



**JIM GERINGER**  
GOVERNOR

## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

August 30, 2001

Joseph J. Nielson, Dean of Administrative Service  
Central Wyoming College  
2660 Peck Avenue  
Riverton, WY 82501

RE: Mote Hall Central Wyoming College - Water and Sewer Extensions  
Permit Number: 01- 255R, PWS # WY5600047  
Fremont County, SE 1/4 Section 29, T1N, R4E

Dear Mr. Nielson:

The above application for coverage under General Permits to Construct an extension of a public water distribution system and an extension of a sewage collection system in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations have been reviewed and is hereby approved. You are authorized to construct, the facility which consists of 873 linear feet (LF) of 8 inch water main, 164 LF of 4 inch PVC water service and 75 LF of 6 inch PVC sewer main and appurtenances, 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.

**The following condition applies to this permit:**

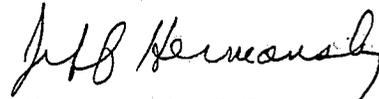
**Occupancy of Mote Hall is prohibited, until water can be supplied to the existing 250,000 gallon Central Wyoming College water storage tank at a rate which maintains a residual pressure of 20 psig at the hall during a 1500 gpm fire flow of 2 hour duration.**

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

Sincerely,



Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division



Jeff Hermansky, P.E.  
Northwest District Engineer  
Water Quality Division

cc: IPS, Cheyenne

Vern Heisler, City Engineer  
City of Riverton  
816 N. Federal Blvd.  
Riverton, WY 82501

Dave Young, Building Inspector  
City of Riverton  
816 N. Federal Blvd.  
Riverton, WY 82501

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

THE STATE



OF WYOMING



**JIM GERINGER**  
GOVERNOR

## Department of Environmental Quality

Herschler Building ● 122 West 25th Street ● Cheyenne, Wyoming 82002

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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### NOTIFICATION OF COVERAGE

July 30, 2001

Mr. Jim Drinkhouse,  
City of Rawlins  
P.O. Box 953  
Rawlins WY 82301

RE: City of Rawlins Golf Course Water Line Extension, Application No.01-256, Carbon County

Dear Mr. Drinkhouse:

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 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. Please reference Application No.01-256 in any future correspondence.

Please ensure that the proper backflow prevention devices are installed. The service connections at the golf course must be protected as required by Section 14 of Chapter 12 of the Water Quality Division Rules and Regulations. At a minimum the building service connections should be protected by double check backflow prevention assemblies. The connection to the irrigation system must be protected by pressure/vacuum breaker assembly or a reduced pressure device. When the raw water line is connected to the golf course irrigation system the connection to the potable water system shall be physically removed or a reduced pressure backflow device put in place.

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

Sincerely,

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

LBH/mad/11926-ltr

cc: IPS, Cheyenne  
Claudia J. Torrence, WWC Engineering  
611 Skyline Road  
Laramie WY 82070



The State  
of Wyoming



## Department of Environmental Quality

Jim Geringer, Governor

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

<b>ADMIN/OUTREACH</b> (307) 777-7758 FAX 777-3610	<b>ABANDONED MINES</b> (307) 777-6145 FAX 777-6462	<b>AIR QUALITY</b> (307) 777-7391 FAX 777-5616	<b>INDUSTRIAL SITING</b> (307) 777-7369 FAX 777-6937	<b>LAND QUALITY</b> (307) 777-7756 FAX 777-5864	<b>SOLID &amp; HAZ. WASTE</b> (307) 777-7752 FAX 777-5973	<b>WATER QUALITY</b> (307) 777-7781 FAX 777-5973
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### NOTIFICATION OF COVERAGE

July 6, 2001

Mormon Handcart Visitor Center  
Attn. ElRay Titensor, Authorized Agent  
47600 West Highway 220  
Alcova, Wyoming 82620

RE: Missionary Village, Southwest Site #4 - 12 RV Space Septic System with Leachfield,  
Application No. **01-257**  
Location: NW1/4 SW1/4 Section 08, Township 28N, Range 88W, Carbon County

Dear Mr. Titensor:

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 small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

The approval granted under this Notification Of Coverage and the General Permit shall expire on July 5, 2003. Please reference Application Number **01-257** in any future correspondence.

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

Sincerely,

Ronald L. Ewald  
Environmental Senior Analyst  
Southeast District, Water Quality Division

RLE/mad/11699-ltr

Enclosures: GENERAL PERMIT - Small Wastewater Facility

IPS, Cheyenne

Arthur C. Volk, A. C. Volk Consulting Eng., 2325 Crescent Drive, Casper, WY 82604

Carbon County Planner/Sanitarian

THE STATE



OF WYOMING

M GERINGER  
GOVERNOR



## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

7-16-01  
Barb

### NOTIFICATION OF COVERAGE

July 11, 2001

Jim Soetmelk  
340 1<sup>st</sup> Ave. N.  
Greybull, WY 82426

RE: Soetmelk, Residential Small Wastewater Treatment Facility,  
Permit Number: 01-258,  
Big Horn County, Lot 29 of the Scharen Subdivision, T52N, R93W

Dear Mr. Soetmelk:

The above application for coverage under General Permit to Construct a septic tank and leach field 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,

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit for Small Wastewater Facility



THE STATE OF WYOMING

M GERINGER  
GOVERNOR



7-16-01  
Barb

# Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES (307) 332-5085	AIR QUALITY (307) 332-6755	LAND QUALITY (307) 332-3047	SOLID & HAZARDOUS WASTE (307) 332-6924	WATER QUALITY (307) 332-3144
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## NOTIFICATION OF COVERAGE

July 11, 2001

Carol A. Zerbal & Kim Shull  
P.O. Box 456  
Byron, WY 82412

RE: Zerbal & Shull, Residential Small Wastewater Treatment Facility,  
Permit Number: 01-259  
Big Horn County, SE 1/4, Section 27, T56N, R97W

Dear Mrs. Zerbal & Mr. Shull:

The above application for coverage under General Permit to Construct a septic tank and leach field 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,

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit for Small Wastewater Facility



**JIM GERINGER**  
GOVERNOR

## Department of Environmental Quality

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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### NOTIFICATION OF COVERAGE

July 24, 2001

City of Douglas  
Attn. Bobbe Fitzhugh, City Administrator  
P.O. Box 1030  
Douglas, Wyoming 82633

RE: 2001 Brownfield Rd Water & Sewer Improvements, Application No. **01-260**

Dear Ms. Fitzhugh:

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, 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.

The approval granted under this Notification Of Coverage and the General Permit shall expire on July 24, 2003. Please reference Application Number **01-260** in any future correspondence.

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

Sincerely,



Ronald L. Ewald  
Environmental Senior Analyst  
Southeast District, Water Quality Division

E/mad/11869-ltr

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

cc: IPS, Cheyenne

D. Scott Payne, Director of Engineering, P.O. Box 1030, Douglas, Wyoming 82633



THE STATE OF WYOMING

JIM GERINGER  
GOVERNOR



## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

August 2, 2001

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

RE: NRWD - Southfork Service Area - Saddleback Ranchettes Waterline Extension,  
Permit Number: 01-261,  
Park County, SE 1/4 Section 3, T52N, R101W,  
PWS # 5601254

Dear Ms. Overfield:

The above application for coverage under General Permit to Construct a an extension of a public water distribution system in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility which consists of 1800 linear feet poly pipe water main and appurtenances, in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

Jeff Hermansky, P.E.  
District Engineer  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit for a Public Water System Extension



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

ARCHIVES

August 3, 2001

Bruce M. King  
Tire Den  
202 Industrial Drive  
Rock Springs, WY 82901

RE: Tire Den - Fire Hydrant  
Permit Number: 01-262, NE 1/4, Section 22, T19N, R105W, Sweetwater County,  
PWS # WY5601182

Dear Mr. King:

The above application for coverage under General Permit to Construct an extension of a water distribution system consisting of 65 linear feet of 6 inch PVC water main, a fire hydrant and appurtenances in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

Doyle Conklin, P.E.  
District Engineer  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit For a Public Water Supply Distribution System



STATE OF WYOMING



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

August 6, 2001

Bruce M. King  
Moneyhun Welding  
2220 Upland Street  
Rock Springs, WY 82901

RE: Moneyhun Welding - Fire Hydrant  
Permit Number: 01-263, SE 1/4, Section 15, T19N, R105W, Sweetwater County,  
PWS # WY5601182

Dear Mr. King:

The above application for coverage under General Permit to Construct an extension of a water distribution system consisting of 246 linear feet of 8 inch PVC water main, a fire hydrant and appurtenances in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

Doyle Conklin, P.E.  
District Engineer  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit For a Public Water Supply Distribution System

**AS-BUILT**  
**PERMIT TO CONSTRUCT**

≡ New  
Renewal  
Modified

PERMIT NO. 01-264R  
SPECIAL CONDITIONS  
REF/PERMIT #85-440R & 93-327

This permit hereby authorizes the applicant:

Bruce D. Webb, Field Foreman  
Amoco Production Co.  
P.O. Box 130  
Granger, Wyoming 82934

to have reconstructed an 6.2 acre-foot evaporation pit which consist of a new 40 mil HDPE liner, a leak detection system and a gas venting system, according to the procedures and conditions of application number 01-264R. The facility is located in NW 1/4 Section 8, T18N, R111W in the county of Sweetwater, in the State of Wyoming.

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

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

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

The permittee shall allow authorized representatives from the DEQ, Water Quality Division (WQD), 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/or 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.

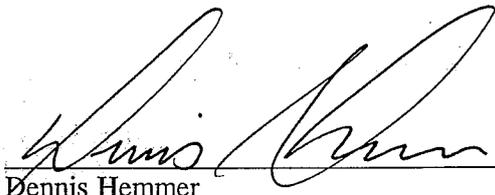
The permittee has constructed and shall operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or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

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

1 of 1 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

12-10-01  
Date of Issuance

MDB/mad/13092-ltr

## STATEMENT OF BASIS

General information.

Permit Number: 01-264R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit.

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

Yes

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

No

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

No

IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

N/A

B. Briefly state the basis for the deviation.

N/A

C. Permit based on general or statewide deviation contained in approved policy statement.

N/A

V. .Application requires review to determine groundwater impacts in accordance with Section 17, Chapter III<sup>1</sup>.

Yes

VI. If Section 17 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

A. Facility will not allow a discharge to groundwater. Briefly describe:

Even though evaporation pits, for water from oil and gas production, are not covered under Chapter 20, Section 35 these regulations were applied in agreement with the owner.

B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

N/A

C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

N/A

D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example: maintenance of manure pack at animal waste treatment facility). Briefly describe:

Groundwater protection from evaporation pit leakage is provided first by a 40-mil HDPE liner, which is under laid with a leak detection system and then a compacted clay liner.

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

N/A

F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

N/A

G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

---

<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.

### Monitoring Requirements

- 1) Two leak detection wells and 6 monitoring wells will be checked quarterly.
- 2) Immediate notification will be provided if a leak is found.
- 3) Water will be tested for Total Dissolved Solids, Chlorides, and Total Petroleum Hydrocarbons using EPA method 8015 modified for diesel and gasoline range organics.
- 4) Water Surface elevations in the monitoring wells will be recorded in each well prior to any purging of the well.
- 5) High level alarms shall be continuously monitored.
- 6) The totalizing hour meters shall be read at least weekly. If the calculated recovery rate exceeds the allowable for the smallest sub-cell, the inflow from each sub-cell must be measured to determine individual sub-cell compliance.

### Reporting and Required Repair Actions

- 7) If the recovery rate exceeds 400 gpd/acre for any sub-cell as delineated by the recovery system, the permittee shall notify the division within seven (7) days. Repair of the primary liner must be scheduled within 12 months.
- 8) If the recovery rate exceeds 800 gpd/acre for any sub-cell as delineated by the recovery system, the division shall be notified within 48 hours. Repair of the primary liner must be scheduled within 60 days.
- 9) If the high alarm is reached, the division must be notified immediately. Repairs must be initiated immediately.

#### VII. Documentation of Statement of Basis.

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

### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Mark Baron, Environmental Senior Analyst, and completed on December 3, 2001. 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

Jim Geringer, Governor

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

ADMIN/OUTREACH (307) 777-7758 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 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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December 4, 2001

Bruce D. Webb, Foreman  
Amoco Production Co.  
P.O. Box 130  
Granger, WY 82934

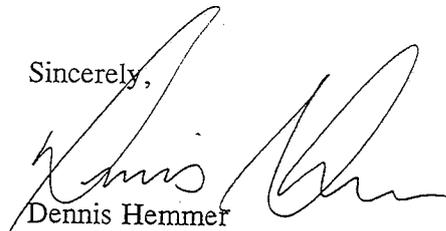
RE: Moxa Arch Evaporation Basin - South Facility, As-Built Permit To Construct, WQD Reference Number 01-264R

Dear Mr Webb:

Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the above referenced As-Built Application submitted by your engineer, Jason Stratton, P.E.. Our review of the information and as-constructed plans submitted to this office indicates that the application meets DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers the re-lining and the installation of a leak detection and gas venting system which has already been constructed.

Please be advised that the system must be constructed, installed and operated in accordance with the statements, representations and procedures presented in the application and all supporting documentation as well as the terms and conditions of the permit. You are urged to be familiar with all aspects of the permit application, permit and permit conditions. Any person objecting to a permit issued by the DEQ and desiring affirmative relief may request a hearing before the Environmental Quality Council in accordance with the Rules of Practice and Procedure for the Department of Environmental Quality and the Wyoming Administrative Procedures Act.

Sincerely,



Dennis Hemmer

Director

Department of Environmental Quality

DH/mdb/mad/13092-ltr

Enclosure:

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 01-265R  
SPECIAL CONDITIONS

## Signal Mountain - Replacement of Two Lift Stations -Grand Teton National Park

This permit hereby authorizes the applicant:

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

to reconstruct two raw sewage wet well mounted pump stations, the main lift station consists of two pumps, 15 and 10 horsepower, the cabin lift station consists of two pumps both 2 horsepower, according to the procedures and conditions of application number 01-265R. The facility is located in SW 1/4 Section 24, T45N, R115W in the county of Teton, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Mark Baron, Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-3183.

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/or operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

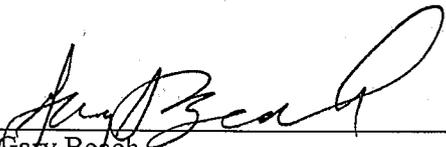
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

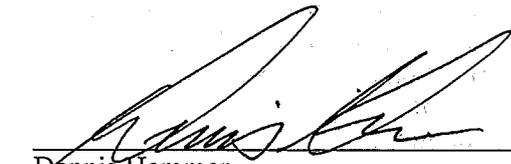
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

- 1 of 4 The applicant will notify the Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to the Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, 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.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; 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.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

9-21-2001  
\_\_\_\_\_  
Date of Issuance

MDB/mad/12381-ltr

## STATEMENT OF BASIS

### I. General information.

Permit Number: 01-265R

### II. Application reviewed for compliance with the following regulations.

A. Chapter 11. Yes

B. Chapter 12. No

### III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section 2.

No

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter 11, or 12.

Yes

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

No

### IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

Section 10(c)(ii) states that suction intakes shall be bell-mouthed.

B. Briefly state the basis for the deviation.

The pump manufacture who has extensive experience with this type of pump does not recommend bell- mouthed suction intakes.

C. Permit based on general or statewide deviation contained in approved policy statement

N/A

### V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3<sup>1</sup>.

N/A

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<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.

VI. If Section 17 of Chapter 3 is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

N/A

VII. Documentation of Statement of Basis.

The archives 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 Mark Baron, Environmental Senior Analyst, and completed on September 13, 2001. 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."

# PERMIT TO CONSTRUCT

X New  
— Renewal  
Modified

PERMIT NO. 01-266  
SPECIAL CONDITIONS

## MEEHAN DENTAL OFFICE

This permit hereby authorizes the applicant:

Michelle Meehan  
1540 Hillpond Drive  
Sheridan, WY 82801

to construct, install or modify approximately 160 lf of new 8" PVC sanitary sewer main and 4" PVC sanitary sewer service according to the procedures and conditions of the application numbers 01-266. The facility is located in the SE1/4 of Section 21 T56N R83W in the County of Sheridan, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by July 23, 2002.

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

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

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

The permittee shall allow authorized representatives from the DEQ, Water Quality Division (DEQ/WQD), upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the DEQ/WQD the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: DEQ/WQD, Northeast WDEQ District Office, 1043 Coffeen Avenue, Sheridan, WY 82801, telephone (307) 672-6457; FAX (307) 674-6050.

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/or operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

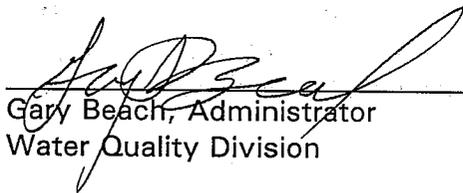
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

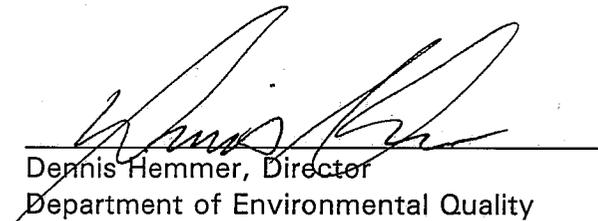
The permittee shall construct and operate the permitted facility in accordance with the statements representations, procedures, terms and conditions of the permit application, supporting documents a permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

- 1 of 4 The applicant will notify the Northeast District Office by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to the Northeast District Office in accordance with the provisions of Section 11, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast 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.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach, Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer, Director  
Department of Environmental Quality

July 24, 2001  
Date of Issuance

RJE/07/23/01

Enclosures: Notification Post Card  
Certificate of Completion  
Statement of Basis

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 01-266

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

No

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

Yes

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

No

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

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

N/A

B. Briefly state the basis for the deviation.

N/A

C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

N/A

- V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of Section VI. from the Statement of Basis.)

N/A

- VI. N/A

- VII. Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Rick J. Estes, Northeast District DEQ/WQD Northeast Senior Environmental Specialist, and completed on July 23, 2001. 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."

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<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.



The State  
of Wyoming



## Department of Environmental Quality

8-29-01  
Barb

Jim Geringer, Governor

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

AIR QUALITY  
(307) 672-6457  
Fax (307) 674-6050

LAND QUALITY  
(307) 672-6488  
Fax (307) 672-2213

WATER QUALITY  
(307) 672-6457  
Fax (307) 674-6050

### NOTIFICATION OF COVERAGE

July 27, 2001

Mr. Thomas J. Pilch, P.E., P.G.  
41 East Burkitt  
P.O. Box 6498  
Sheridan, WY 82801

RE: Mountain Shadows Water and Sewer Distribution System, Permit # 01-267

Dear Tom:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of existing sewage collection systems in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) and General Permit to Construct, Install, Modify or Operate a water distribution system in accordance with Chapter 3 and Chapter 12 of the WWQRR have been reviewed and are 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 Rick J. Estes at 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307) 672-6457. Thank you.

Sincerely,

Rick J. Estes, P.E.  
NE District Senior Environmental Specialist  
DEQ/WQD

cc:

WPS, Cheyenne

Jackie Flowers, PE - Interim City of Sheridan Public Works Director



THE STATE OF WYOMING

JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

3030 Energy Lane • Suite 200 • Casper, Wyoming 82604

SOLID & HAZARDOUS WASTE DIVISION  
(307) 473-3450

AIR QUALITY DIVISION  
(307) 473-3455

WATER QUALITY DIVISION  
(307) 473-3465

ABANDONED MINES  
(307) 473-3460

### NOTIFICATION OF COVERAGE

July 29, 2001

Edwin T. Meredith IV  
Little Goose Ranch  
228 Little Goose Canyon Road  
Big Horn, WY 82833

RE: Little Goose Ranch Small Wastewater Facility, Permit # 01-268

Dear Mr. Meredith:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3 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, 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 Dennis Lamb at 3030 Energy Lane, Casper, WY, 82604, (307) 473-3452. Thank you.

Sincerely,

Dennis Lamb  
NE District Supervisor  
DEQ/WQD

cc: IPS, Cheyenne



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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### NOTIFICATION OF COVERAGE

August 1, 2001

Cheyenne Board of Public Utilities  
Attn. Herman Noe, Manager Engineer  
2100 Pioneer Avenue  
Cheyenne, Wyoming 82001

RE: Richardson Construction - Fire Hydrant, Cheyenne: Application No. **01-270**

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 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. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit which the BOPU already has copies of.

The approval granted under this Notification Of Coverage and the General Permit shall expire on August 1, 2003. Please reference Application Number **01-270** in any future correspondence.

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

Sincerely,

Ronald L. Ewald  
Environmental Senior Analyst  
Southeast District, Water Quality Division

RLE/bb/11957.ltr

Enclosures: Schedule Card, Certification of Completion form

cc: IPS, Cheyenne

Daryl G. Johnson, A.V.I., p.c., 2035 Westland Road, Cheyenne, Wyoming 82001



The State  
of Wyoming



## Department of Environmental Quality

Jim Geringer, Governor

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

ADMIN/OUTREACH (307) 777-7758 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 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-8973
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### NOTIFICATION OF COVERAGE

August 30, 2001

Winchester Hills Utility Company  
Attn. Brett A. Vizina, Managing Partner  
1124 Dunn Avenue  
Cheyenne, Wyoming 82001

RE: Bison Crossing Third Filing / Water Distribution Extensions, Application No. **01-271**

Dear Mr. Vizina:

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

The approval granted under this Notification Of Coverage and the General Permit shall expire on August 30, 2003. Please reference Application Number **01-271** in any future correspondence.

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

Sincerely,

Ronald L. Ewald  
Environmental Senior Analyst  
Southeast District, Water Quality Division

RLE/mad/12229-ltr

c IPS, Cheyenne

Jon L. Anderson, P.O. Box 595, Saratoga, Wyoming 82331

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

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

PROJECT: Bison Crossing Third Filing / Water Distribution Extension

ENGINEER: Jon L. Anderson  
P.O. Box 595  
Saratoga, Wyoming 82331  
Ph: (307) 631-5460

APPLICANT: Winchester Hills Utility Company  
Attn: Brett A. Vizina, Managing Partner  
1124 Dunn Avenue  
Cheyenne, Wyoming 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 01-271

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

DATE OF REVIEW: August 9, 2001

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

**COMMENTS, INADEQUACIES, AND QUESTIONS:**

1. Small Water Mains - Why are 4" water mains being proposed for use in Browning Drive south of Dayshia Lane, and also in Remington Drive east of Troyer Drive? Chapter 12 of the Water Quality Rules & Regulations, Section 14(b)(iv) states "Small Mains. Any main smaller than 6 inches shall be justified by hydraulic analysis and future water use."

Whatever the reason might be, why don't you just go ahead and put in 6" mains everywhere?

2. System Water Supply Questions - Which wells have been completed, connected to the system, and are currently being used to supply the Winchester Hills water system? Additionally, at what rate in gallons per minute, are these wells currently producing when they are actually pumping water? Finally, which of these wells are the primary wells, and are there any "back-up" wells?

RLE/bb/12054.ltr

P.S. - These questions could not be taken care of by phone because the engineer's phone number provided in the application, 631-5460, was not working. The voice mailbox for this number was "Not set up yet." Please provide a current working phone number.

## LAND APPLICATION PERMIT

New  
 Renewal  
 Modified

PERMIT NO. 01-272  
SPECIAL CONDITIONS

This permit hereby authorizes the applicant:

Kissack Water and Oil Service

Box 9

Rozet, WY 82727

to land apply pit sludge and sludge contaminated soils according to the procedures and conditions of the application number 01-272. The application site is located in Sec 4, 8 & 9, T50N R69W; Sec 1, 10 & 11, T51N R70W; and Sec 5, T49N R73W in the county of Campbell, in the State of Wyoming. This permit shall be effective until November 1, 2001.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable standards. Compliance with DEQ standards is the responsibility of the permittee, owner, and/or operator.

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

The permittee shall allow authorized representatives from the DEQ, Water Quality Division (WQD), upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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/or 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.

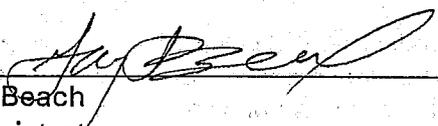
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

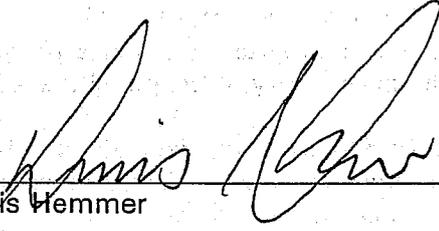
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 5. The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD, Casper WDEQ Field Office, 3030 Energy Lane, Casper, WY 82604, telephone (307) 473-3452; FAX (307) 473-3458.
- 2 of 5. The permittee shall provide immediate oral and/or written notice to the Casper WDEQ Field Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications to the approved permit package.

- 3 of 5. The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Casper WDEQ Field Office on the attached Certification of Completion form.
- a. Date that the land application was completed; and
  - b. Certification the land application was done in accordance with the terms and conditions of the permit; or
  - c. Certification the land application was completed with changes or modifications. Submit the information necessary to clearly indicate the land application as actually performed. This information shall include a contour map depicting only those sections that actually received petroleum contaminated soils.
- 4 of 5. The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 5 of 5. Pit sludge and sludge contaminated soils application shall be terminated within 300 feet of the definable high water Mark of perennial and intermittent drainages, irrigation canals, lakes, and reservoirs.

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

7-16-2001  
\_\_\_\_\_  
Date of Issuance

JDL: July 13, 2001

b/11780.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 01-272

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

No

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

No

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

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

There are no numeric standards or criteria in Chapter XI for road application. W.S. 35-11-301 (a)(iii) requires a permit to be issued when any disposal system capable of causing or contributing to pollution is constructed, installed, modified, or operated.

B. Briefly state the basis for the deviation.

Road application is permitted when DEQ authorized disposal facilities are not readily available, a beneficial use of the waste to be applied is possible, and significant impact to waters of the State is minimized.

C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (8/91), 10.4 (10/24/91), and 10.6 (1/18/91) address the statutory authority to regulate the road application of waste, establish criteria for characterizing the waste, and determine acceptable conditions for the application of the waste to roadbeds to minimize impact to waters of the State. District Policy 10.2 (10/17/86)

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NA

VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill in only the applicable sections and indicate sections that are not applicable.)

A. Facility will not allow a discharge to groundwater. Briefly describe:

NA

B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

NA

C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

NA

D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example: maintenance of manure pack at animal waste treatment facility). Briefly describe:

NA

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

NA

F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, place of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

NA

G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

NA

VII. Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Dennis Lamb, Northeast District Supervisor and completed on July 13, 2001. 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."

JDL/bb/11780.ltr

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<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.

## LAND APPLICATION PERMIT

New  
 Renewal  
 Modified

PERMIT NO. 01-273  
SPECIAL CONDITIONS

This permit hereby authorizes the applicant:

Sierra Construction Co  
PO Box 210  
Linch, WY 82640

to land apply pit sludge and sludge contaminated soils according to the procedures and conditions of the application number 01-273. The application site is located in NW/SE/4 Sec14 T42N R78W in the county of Johnson, in the State of Wyoming. This permit shall be effective until November 1, 2001.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable standards. Compliance with DEQ standards is the responsibility of the permittee, owner, and/or operator.

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

The permittee shall allow authorized representatives from the DEQ, Water Quality Division (WQD), upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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/or 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.

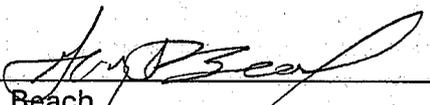
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

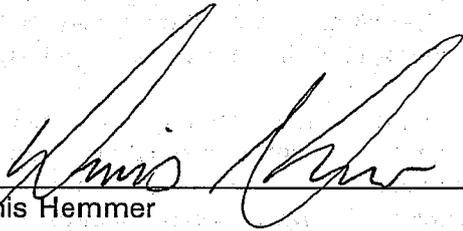
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 5. The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD, Casper WDEQ Field Office, 3030 Energy Lane, Casper, WY 82604, telephone (307) 473-3452; FAX (307) 473-3458.

- 2 of 5. The permittee shall provide immediate oral and/or written notice to the Casper WDEQ Field Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications to the approved permit package.
- 3 of 5. The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Casper WDEQ Field Office on the attached Certification of Completion form.
- a. Date that the land application was completed; and
  - b. Certification the land application was done in accordance with the terms and conditions of the permit; or
  - c. Certification the land application was completed with changes or modifications. Submit the information necessary to clearly indicate the land application as actually performed. This information shall include a contour map depicting only those sections that actually received petroleum contaminated soils.
- 4 of 5. The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 5 of 5. Pit sludge and sludge contaminated soils application shall be terminated within 300 feet of the definable high water Mark of perennial and intermittent drainages, irrigation canals, lakes, and reservoirs.

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

7-16-2001  
\_\_\_\_\_  
Date of Issuance

JDL: July 13, 2001  
b/11781.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 01-273

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

No

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

No

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

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

There are no numeric standards or criteria in Chapter XI for road application. W.S. 35-11-301 (a)(iii) requires a permit to be issued when any disposal system capable of causing or contributing to pollution is constructed, installed, modified, or operated.

B. Briefly state the basis for the deviation.

Road application is permitted when DEQ authorized disposal facilities are not readily available, a beneficial use of the waste to be applied is possible, and significant impact to waters of the State is minimized.

C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (8/91), 10.4 (10/24/91), and 10.6 (1/18/91) address the statutory authority to regulate the road application of waste, establish criteria for characterizing the waste, and determine acceptable conditions for the application of the waste to roadbeds to minimize impact to waters of the State. District Policy 10.2 (10/17/86)

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NA

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<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.

VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

A. Facility will not allow a discharge to groundwater. Briefly describe:

NA

B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

NA

C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

NA

D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example: maintenance of manure pack at animal waste treatment facility). Briefly describe:

NA

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

NA

F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

NA

G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

NA

VII. Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Dennis Lamb, Northeast District Supervisor and completed on July 13, 2001. 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."

JDL/bb/11781.LTR



The State  
of Wyoming



## Department of Environmental Quality

Jim Geringer, Governor

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

AIR QUALITY  
(307) 672-6457  
Fax (307) 674-6050

LAND QUALITY  
(307) 672-6488  
Fax (307) 672-2213

WATER QUALITY  
(307) 672-6457  
Fax (307) 674-6050

### NOTIFICATION OF COVERAGE

August 1, 2001

Mr. Dwight E. Moose  
P.O. Box 906  
Upton, WY 82730

RE: Moose Cabin Small Wastewater System, Permit # 01-274

Dear Mr. Moose:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of existing sewage collection systems in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) and General Permit to Construct, Install, Modify or Operate a water distribution system in accordance with Chapter 3 and Chapter 12 of the WWQRR have been reviewed and are 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 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307) 672-6457.

Thank you.

Sincerely,

Rick J. Estes, P.E.  
NE District Senior Environmental Specialist  
DEQ/WQD

cc: IPS, Cheyenne

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

1043 Coffeen Avenue Sheridan, WY 82801  
(307) 672-6457/FAX (307) 672-6050

**PROJECT:** Meese Cabin

**ENGINEER:** None

**APPLICANT:** Dwight E. Meese, Box 906, Upton, WY 82730

**WATER QUALITY DIVISION APPLICATION NUMBER:** 01-274

**REVIEWING ENGINEER:** Rick J. Estes, PE

**DATE OF REVIEW:** July 25, 2001

**ACTION:** NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 12 (a), Chapter 3, Wyoming Water Quality Rules and Regulations (WWQRR), the application is denied because it is incomplete. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with Section 7 of Chapter 3 of the WWQRR. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

**COMMENTS:**

1) Section D of the Small Systems Wastewater Permit is not complete. Please indicate the total number of bedrooms in the cabin and also recalculate the Trench Design for the leachfield in item 5 of page 5. Although you stated that this is a weekend cabin it must be evaluated based upon the total number of bedrooms and the peak flow.

I have attached the associated pages for correction.

Cc: Dennis Lamb - DEQ Water Quality NE District Supervisor  
DEQ IPS

C. Septic Tank Information.

1. Tank size: 1000 gallons, 1 compartment , or 2 compartment
2. Manufacturer: Croell Red-mix, Model Model 1000-
3. Supplier: Croell Red-mix, Phone # 605 892 3540
4. *Standard Septic Tank detail sheet* must be completed.

D. Absorption system (leachfield) size calculations.

1. Design wastewater volume (circle a, b, or c - and complete that section):

a. Permanent Structure: 150 gpd/bedroom x \_\_\_\_\_ bedrooms = \_\_\_\_\_ gpd

b. Mobile home: 1 or 2 bdrms = 350, 3 bdrms = 500, 4 bdrms = 650gpd (circle one)

c. Non-residential design loads (show calculations as appropriate)

Weekend Cabin: 100 gal/weekend maximum.

2. The absorption system loading rate is: 0. .62 gpd/sf.

(The loading rate is determined from your percolation rate and the "Loading Rate Table", page PT-4, in the *Percolation Test Procedure attachment*)

3. The minimum required infiltrative surface area is calculated as follows:

$$\frac{\text{Wastewater volume (D.1.)}}{\text{Loading rate (D.2.)}} = \frac{50 \text{ gpd}}{.62 \text{ gpd/sf}} = 81 \text{ sf}$$

4. Trench Design for Chamber Leachfield Systems: (Distinct trenches with at least 3 feet of undisturbed soil between trenches)

a. Minimum infiltrative surface area required = 81 sf from D.3.

b. Choose your make and model of leachfield Chamber:

Manufacturer Infiltrator, Model EQ 24  
Width 24 inches, Height 12 inches, Length 8 feet & inches

c. Equivalent area per unit = 30 sf (See Chamber Systems Attachment)

d. Minimum number of units required is:

(Minimum area [E.4.a.] / Equivalent unit area [E.4.c.]) =  
( 81 / 30 ) = 3 units [round up]

e. Number of units to be used = 4 (same or more than E.4.d.)

f. Trench layout. - Depending on the number of units to be used, choose one of the following:

<input checked="" type="checkbox"/>	1 single trench	see <i>Single Trench Chambered Leachfield detail sheet</i>
<input type="checkbox"/>	2 trenches	see <i>Two Trench Chambered Leachfield detail sheet</i>
<input type="checkbox"/>	4 trenches	see <i>Four Trench Chambered Leachfield detail sheet</i>
<input type="checkbox"/>	Multiple trenches (requires "D" Box)	see <i>Multiple Trench Chambered Leachfield detail sheet</i>

5. Bed Design for Chamber Leachfield Systems: (one continuous excavation - no distinct trenches)

a. Minimum infiltrative surface area required = \_\_\_\_\_ sf from D.3.

b. Choose your make and model of leachfield Chamber:

Manufacturer \_\_\_\_\_, Model \_\_\_\_\_  
Width \_\_\_\_\_ inches, Height \_\_\_\_\_ inches, Length \_\_\_\_\_ feet & inches

c. Equivalent bed area per unit = \_\_\_\_\_ (See Chamber Systems Attachment)

d. Minimum number of units required is:

(Minimum area [E.5.a.] / Equivalent unit area [E.5.c.]) =  
( \_\_\_\_\_ / \_\_\_\_\_ ) = \_\_\_\_\_ units [round up]

e. Number of units to be used = \_\_\_\_\_ (same or more than E.5.d.)

f. Bed layout: Complete *Bed Type Chambered Leachfield detail sheet*



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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### NOTIFICATION OF COVERAGE

August 1, 2001

Mr. Russell Arbuckle  
Texas Roadhouse  
6040 Dutchmans Lane, Suite 400  
Louisville KY 40205

RE: Fire service line and Fire hydrant, Application No.01-275, Laramie County

Dear Mr. Arbuckle:

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 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. Please reference Application No.01-275 in any future correspondence.

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

Sincerely,

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

LBH/bb/11953.ltr

cc: IPS, Cheyenne

Norman Ray Watson, Jr., The John R. McAdams Co., Inc., P.O. Box 14005  
Research Triangle Park NC 27709

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

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
STATE OF WYOMING  
UNDERGROUND INJECTION CONTROL PERMIT  
ISSUED UNDER CHAPTER 13  
WYOMING WATER QUALITY RULES AND REGULATIONS  
AREA PERMIT FOR 10 CLASS I INJECTION WELLS**

(X) New  
( ) Modified

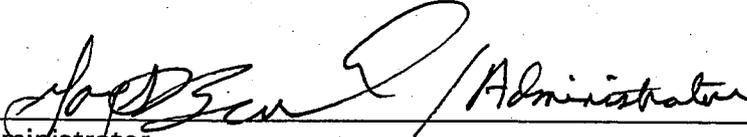
Permit Number UIC 01-276

In compliance with the Wyoming Environmental Quality Act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through 301 (a) (iv), Laws 1973, Ch. 250, Section 1) and Water Quality Rules and Regulations Chapter 13 (1993),

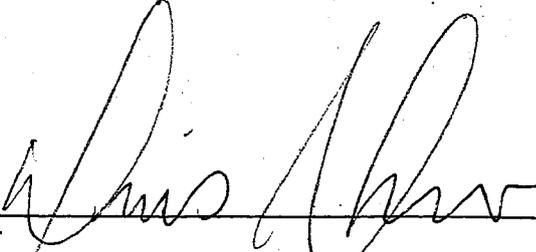
Applicant: Questar Pipeline  
P.O. Box 45360  
Salt Lake City, UT 84145-0360  
(801) 324-2926

is authorized to operate the **Yellow Creek Brine Injection Wells** (WYS 041-049) in Section 1, Township 14 North, Range 121 West, and in Section 36, Township 15 North, Range 121 West, both of the 6th Principal Meridian, Uinta County; according to the procedures and conditions of application 01-276 and requirements and other conditions of this permit as contained in pages 1 through 14.

This permit shall become effective on date of issuance.

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
Herschler Building, 122 West 25th Street  
Cheyenne, WY 82002  
Phone: (307) 777-7781

Mar 18, 2002  
Date

  
\_\_\_\_\_  
Director  
Department of Environmental Quality  
Herschler Building, 122 West 25th Street  
Cheyenne, WY 82002

3-19-02  
Date

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**A. Discharge Zone**

This injection well is authorized to inject into the Nugget Formation which is found in the well bore from 6,900 to 8,000 feet below the ground surface. Additional perforations may be installed within the above named interval without prior approval of the Water Quality Division. This permit covers ten injection wells to be drilled for brine disposal.

The packer set on the bottom of the tubing shall be set within 100 feet of the top of the authorized discharge zone.

**B. Area of Review**

1. The wells authorized by this permit are located in:

Township 14 North, Range 121 West, 6th Principal Meridian

- Section 1: Center of NW ¼ NE ¼
- Section 1: Center of NE ¼ NW ¼
- Section 1: Center of NW ¼ NW ¼

Township 15 North, Range 121 West, 6th Principal Meridian

- Section 36: Center of NW  $\frac{1}{4}$  NE  $\frac{1}{4}$
- Section 36: Center of NE  $\frac{1}{4}$  NW  $\frac{1}{4}$
- Section 36: Center of NW  $\frac{1}{4}$  NW  $\frac{1}{4}$
- Section 36: Center of SW  $\frac{1}{4}$  NW  $\frac{1}{4}$
- Section 36: Center of NW  $\frac{1}{4}$  SE  $\frac{1}{4}$
- Section 36: Center of NE  $\frac{1}{4}$  SW  $\frac{1}{4}$
- Section 36: Center of NW  $\frac{1}{4}$  SW  $\frac{1}{4}$

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

Township 14 North, Range 121 West, 6th Principal Meridian

Section 1: N  $\frac{1}{2}$

Section 2: E  $\frac{1}{2}$  NE  $\frac{1}{4}$

Township 15 North, Range 121 West, 6th Principal Meridian

Section 25: S  $\frac{1}{2}$  S  $\frac{1}{2}$

Section 26: SE  $\frac{1}{4}$  SE  $\frac{1}{4}$

Section 35: E  $\frac{1}{2}$  E  $\frac{1}{2}$

Section 36: All

## C. Groundwater Classification

1. The groundwater in the Nugget Formation is classified as class VI under Chapter 8 of Wyoming Water Quality Rules and Regulations (April 9, 1980.) This classification was made because:
- a. The groundwater in this formation contains more than 10,000 mg/l of Total Dissolved Solids, and cannot be reasonably expected to provide a source of drinking water because of its extreme depth of burial;
  - b. The groundwater in this formation is situated as such a depth that recovery of this water and treatment for drinking water purposes is not practical;
- and
- c. This formation naturally contains traces of oil and gas and cannot be reasonably expected to provide a source of drinking water at this location.

## D. Authorized Operations

1. Questar Pipeline is authorized to inject 8,525 barrels per day, (358,041 gallons per day) of industrial wastes as described into each of ten injection wells:
- a. **Brine Water:** Concentrated brines produced by the construction of salt caverns in the Preuss Formation. The salt caverns are being constructed for the storage of natural gas.

**b. Gas plant sweetening and dehydration wastes**

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

At least once every three years, Questar Pipeline shall obtain a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations, for each company generating such wastes which are accepted under this provision. These analyses shall be accompanied by a complete description of the waste sampled including the plant name and location, and whether the waste is glycol, amine, or caustic waste. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title "**Gas Plant Wastes - Authorization# 1997-3**".

**c. Miscellaneous Oilfield Related Wastes**

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

Once every three years, Questar Pipeline shall obtain a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations, for each source of waste accepted under this provision. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title "**Miscellaneous Oilfield - Authorization# 1997-4**".

**d. Oilfield Produced Water**

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

Questar Pipeline shall obtain an API standard water analyses for each lot of waste accepted under this provision. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly reports under the heading "**Oilfield Produced Water- Authorization# 1997-6**".

**e. Miscellaneous Non-hazardous wastes**

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

In order to renew a previously approved source, once every three years, Questar Pipeline shall obtain a comprehensive water analyses including all parameters included in the initial approval. Please account for all such wastes on your quarterly report under the title "Miscellaneous Non-Hazardous Waste - Authorization# 1997-10".

**f. Waste Description Required**

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

2. Questar Pipeline is authorized to inject at a pressure of no more than 2,290 psig as measured at the wellhead.
3. Within the first year of operation, Questar Pipeline shall conduct a step injection test to determine the actual fracture pressure of the formation. After this test, and subsequent approval by the Administrator, the injection pressure shall be limited to 90% of the fracture pressure as measured at the surface. Questar Pipeline may conduct additional step injection tests at a later time to determine changes in the fracture pressure as the injection continues. After acceptance by the Administrator of these tests, Questar Pipeline shall limit the injection pressure to 90% of the new fracture pressure as measured on the surface.
4. The wastes injected shall generally be from operations described by the following SIC code, but are not limited to wastes described by this code: 4922

**E. Hazardous Waste Not Allowed**

1. This permit does not allow for the injection of any hazardous waste as defined by Chapter 2, Section 1(c), Wyoming Hazardous Waste Rules and Regulations. Injection of any substance defined as hazardous waste, whether hazardous by listing or by characteristic is a violation of this permit.

**F. Proper Operation and Maintenance**

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

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

4. Questar Pipeline is required to conduct the operation in accordance with statements, representations and procedures presented in the complete permit application and supporting documents, as accepted and approved by the Administrator.
5. Any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued.
6. Injection into a wells may not commence until construction is complete.

**G. Entry and Inspection**

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

**H. Environmental Monitoring Program for Groundwaters of the State**

1. Questar Pipeline shall furnish any information necessary to establish a monitoring program pursuant to Section 13 of Chapter 13.
2. At a minimum, the groundwater in the receiving formation shall be sampled prior to the injection of any fluid under this permit. This sample shall be analyzed for the following parameters at a minimum:

PARAMETERS		
Sodium	Magnesium	Calcium
Potassium	Carbonate	Bicarbonate
Sulfate	Chloride	pH
Total Dissolved Solids	Viscosity	Specific Gravity

3. The domestic use water well covered by water right P66046W (designated as the Seale Rental House) is a Wasatch Formation water supply well within the area of review. This well shall be sampled and analyzed quarterly for the following listed parameters:

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT OR (UCL)*
Quarterly	EPA Method 6010B	Sodium	150
	EPA Method 300	Chloride	100
	EPA Method 310.1	Total Alkalinity	550

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT OR (UCL)*
	EPA Method 160.1	Total Dissolved Solids	690

## I. Requirements for Monitoring the Discharge

1. Questar Pipeline shall monitor the injection pressure continuously and record those readings on a strip chart recorder, a circular charge recorder, or digitally by computer interface with the pressure transducer on the wells.
2. Questar Pipeline shall shut one of the wells covered by this permit in annually for a period of time long enough to observe a valid pressure falloff curve. This test shall be considered complete when the pressure curve becomes asymptotic to a straight line on the Miller-Dyes-Hutchinson (MDH) plot. Questar Pipeline shall prepare a report for each falloff curve conducted including a MDH Plot and calculations of the skin effect, the indicated transmissivity and permeability of the receiver, and the indicated reservoir pressure. Questar shall test a different well each year until all wells have been tested or until the project has been abandoned. This report shall include plots of the data and all calculations based on those plots. Prior to injection of any waste into any new well drilled or converted under this permit, Questar Pipeline shall record the static reservoir pressure for the receiver.
3. Questar Pipeline shall monitor the quality of the injected water on an approved schedule. The following parameters shall be analyzed by the listed methods and report quarterly:

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT OR (UCL)*
Quarterly	EPA Method 120.1	Specific Conductance	No Limit

4. Questar Pipeline shall monitor continuously the pressure on the casing/tubing annulus and shall maintain a positive pressure on that annulus. This requires that Questar Pipeline install a continuous chart recorder, or a digital interface electronic recorder. The pressure maintained shall be not less than 200 psig nor more than 800 psig.
5. Questar Pipeline shall monitor continuously the volume injected. This may be accomplished using a totalizer volume meter and recording manually the readings on a daily basis for each day when the wells are in active use. This may also be accomplished by installation of a continuous chart recorder or digital electronic recorder on the injected volume.

## J. Test Procedures

1. All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples taken shall include a trip blank of distilled water for each sampling date and a duplicate sample at least once per year.

All required analyses shall be conducted in compliance with Chapter 8 Section 7, Wyoming Water Quality Rules and Regulations.

## **K. Records and Reports**

1. Questar Pipeline shall furnish to the Administrator, within a specified time, any information which the Administrator may request relating to the operation of the facility, including copies of records required to be kept by this permit.
2. Questar Pipeline shall retain copies of all records and reports required by this permit, for a period of three (3) years following permanent well abandonment. After that time, those same records shall be delivered to the Administrator for disposal or archive at his sole discretion.
3. Reports of compliance or noncompliance with, and any progress reports on, interim and final requirements contained in any compliance schedule shall be submitted no later than thirty (30) days following each schedule date.
4. Confirmed noncompliance resulting in the migration of injected fluid into any zone outside the permitted receiver shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time Questar Pipeline becomes aware of the excursion. The written submission shall contain: a description of the noncompliance; the period of noncompliance, including exact dates and times, and if the noncompliance has not been controlled, the anticipated time it is expected to continue; and a list of the steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance.
5. Confirmed noncompliance not already reported under this section shall be reported at the time monitoring reports are submitted. The reports shall contain the same information as required by the paragraph above.
6. Questar Pipeline shall notify the Administrator thirty (30) days in advance of any planned alteration, conversion or abandonment of the wells covered by this permit.
7. The quarterly report of operations for these wells shall include the following information:
  - a. The minimum, average, and maximum daily injection rate for each month of the quarter. The page showing the maximum injection rate shall also show the maximum permitted injection rate for comparison.
  - b. The minimum, average, and maximum daily injection pressure for each month of the quarter. The page showing the maximum injection pressure shall also show the maximum permitted injection pressure for comparison.
  - c. The total injection volume in gallons for each month of the quarter, the total for the quarter, the total cumulative injected to date.
  - d. The maximum and minimum annulus pressure for each month of the quarter.
  - e. Any permit exceedances within the quarter.
  - f. Any tests run during the quarter. This includes, but is not limited to, the results on any Mechanical Integrity Tests, Pressure Falloff Tests, Step Injection Tests, or any well workovers.

- g. The analytical results for sampling for the injected water and any groundwater sampling results required under Section H.
  - h. Quarterly reports are due in the Cheyenne office of the Water Quality Division no later than 30 days after the end of each calendar quarter.
8. The annual report of operations on these wells shall be filed at the time when the fourth quarterly report is due and shall include the fourth quarterly report and the following additional information:
- a. A graphical representation of the injection pressure and volume for over time the previous five year's operation. This graph shall have the dates of the year on the abscissa and the pressure and volume as the ordinate.
  - b. Graphical representations of the quality of the injected water over time. These graphs shall show the injected quality for the previous five year's operation and shall be prepared on appropriate scales to show the variation.
  - c. For any well required to be monitored under Section H, a graphical representation is required for the concentration of each monitored parameter over time.
  - d. Monitoring results shall be reported in the annual reports unless otherwise specified.

## **L. Permit Actions**

- 1. This permit is issued for a period of ten (10) years. If Questar Pipeline wishes to continue injection after the expiration date of this permit, it shall apply to the Administrator and obtain a new permit prior to the expiration date of this permit.
- 2. It shall not be a defense for a permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- 3. The filing of a request by Questar Pipeline, or at the instigation of the Administrator, for permit modification, revocation, termination, or notification of planned changes or anticipated noncompliance shall not stay any condition of this permit.
- 4. After notice and opportunity for a hearing, a permit may be modified, suspended, or revoked in whole or part during its term for cause which includes, but is not limited to, any of the following:
  - a. Violation of this permit;
  - b. Obtaining a permit by misrepresentation of facts in the application; or
  - c. Failure of the casing, cement, or the confining layer.
- 5. This permit will be reviewed at least once every five (5) years, and may be reviewed more frequently. A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit was issued. A permit may be modified in whole or part in order to apply more or less, stringent standards; or prohibitions for toxic or other substance present in the permittee's discharge, as may be ordered by the council.

## **M. Mechanical Integrity**

1. Mechanical Integrity shall be maintained continuously and reviewed at least once every five (5) year. The test used to determine mechanical integrity shall be a two part test approved by the Administrator. Mechanical Integrity shall be demonstrated prior to injection and before the fifth anniversary of each preceding test using the following approved methods:

Part I of the Mechanical Integrity test shall demonstrate the absence of leaks through the packer, tubing, casing, and wellhead. This test shall consist of a pressure test of the annulus to a pressure of 2,290 psig. A successful test shall be one which holds 2,290 psig for 15 minutes with no more than 25 psig of pressure loss.

Part II of the Mechanical Integrity test shall demonstrate the absence of fluid movement behind the casing. The approved method of demonstrating the absence of fluid movement behind the casing is to run a Radioactive Tracer Survey (RATS) and a Temperature Log. The RATS test shall include a check of the fluid movement around the packer, above the top perforation and below the bottom perforation. The temperature survey shall be a shut-in survey after 24 hours.

2. In the event that any of these wells fail to demonstrate both parts of the required Mechanical Integrity test shown on the above schedules, they shall be shut in until the Mechanical Integrity has been restored and the required tests have been passed.

## **N. Abandonment**

1. Questar Pipeline shall notify the administrator at such times as the permit requires before conversion or abandonment of the wells. The abandonment plan found in Attachment J of the permit application shall be followed.
2. Within thirty (30) days after plugging and abandonment of the wells covered by this permit, Questar Pipeline shall submit a plugging and abandonment report, detailing the compliance abandonment procedures outlined in the original permit application, and describing any deviation from the original plan. The abandonment plan shall include reclamation of the well location.

## **O. Duties of the Permittee**

1. Questar Pipeline shall give advance notice to the Administrator as soon as possible of any planned physical alteration or additions, other than authorized operation and maintenance, to the permitted facility and receive authorization prior to implementing the proposed alternation or addition.
2. Questar Pipeline shall furnish to the Administrator within a reasonable time, any information which the Administrator may request to determine whether cause exists for modifying, revoking, or reissuing, or terminating this permit, or to determine compliance with this permit; and to furnish to the Administrator upon request, copies of records required to be kept by this permit.
3. Any modification which may result in a violation of a permit condition shall be reported to the Administrator, and any modification that will result in a violation of any permit conditions shall be reported to the Administrator through the submission of a new or amended permit application.

4. Questar Pipeline shall report all instances where it becomes aware that it failed to submit any relevant facts in the permit application, or where he submitted incorrect information in a permit application or in any report to the Administrator, and shall promptly submit such facts or information.
5. Monitoring results shall be reported at the intervals specified elsewhere in this permit.

## **P. Financial Responsibility**

1. Questar Pipeline has provided proof of financial responsibility in the form of three years annual reports showing that it has the resources necessary to plug and abandon these wells.
2. Questar Pipeline is not required to post a bond because these are not commercial oilfield waste disposal wells subject to W.S. 35-11-306, and they are not hazardous waste injection wells subject to W.S. 35-11-302(a)(viii).

## **Q. Special Conditions**

1. In addition to the conditions required of all permits, the Administrator has established conditions as required for monitoring, schedules of compliance, and such additional conditions as are necessary to prevent the migration of fluids into underground sources of drinking water. These conditions are established in conformance with Chapter 13, Section 9(e).
2. Questar Pipeline shall identify the facility covered by this permit with a standard well sign. The well sign shall show the name of the permittee, the name of the well, the legal description of the well, and the fact that a WQD UIC permit applies. The wellhead itself shall be identified with a sign and the injection plant shall also have a sign on the door with the same information.
3. Inside the injection plant Questar Pipeline shall affix a sign which states the maximum injection pressures and volumes and the fact that any exceedance of these values is a violation of the permit. The sign shall include instructions that exceedances must be reported within 24 hours of their occurrence to the following telephone number: (307) 777-7095.
4. All signs required shall be constructed of standard sign gauge material in either steel, aluminum, or fiberglass with letters a minimum of 1 inch high.
5. In the event that any cultural resources (evidence of historic or prehistoric occupation of the site) are uncovered during construction of the injection well or injection plant, the Water Quality Division and the State Historic Preservation Office (SHPO) shall be notified immediately. In this event, work shall immediately cease and not be resumed until the cultural resources discovered have been evaluated and adequate measures for their protection or collection have been taken. The telephone number and contact for SHPO is Richard Currit (307) 777-5497.
6. During the construction of these wells, a Cement Bond Log with a Casing Collar Locator and Gamma Ray Log shall be run without pressure on the casing. If this log indicates a lack of cement above or below the interval to be perforated, a squeeze cementing operation shall be performed and the above log re-run until it is demonstrated that an excellent cement bond has been obtained between the pipe and the cement and the cement and the formation.

## **R. Signatories Requirement**

1. All reports filed in conjunction with this permit shall contain the following certification:

*"I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

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

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

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

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

or

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

1. The authorization is made in writing by one of the described principals;
2. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and
3. The written authorization is submitted to the Administrator.

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

## **S. Noncompliance**

1. Questar Pipeline shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of Chapter 13 of the Wyoming Water Quality Rules and Regulations and is grounds for enforcement action, permit termination, revocation, or modification. Confirmed noncompliance resulting in an excursion shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time Questar Pipeline becomes aware of the excursion. The written report shall contain the sections specified in Section K of this permit. Any permit non-compliance constitutes a violation of this permit.

2. The filing of any request by Questar Pipeline for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

## **T. Permit Transfer**

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

## **U. Property Rights**

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

## **V. Severability**

1. Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve Questar Pipeline from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.
2. The provisions of this permit are severable, and if any provision of the permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

RL/bb/2-0820.ltr



THE STATE OF WYOMING

JIM GERINGER  
GOVERNOR



## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

July 19, 2001

David J. Clark  
P.O. Box 725  
Greybull, WY 82426

RE: Clark Small Waste Treatment Facility  
Permit Number: 01-277,  
NW 1/4, Section 5, T52N, R93W,  
Big Horn County

Dear Mr. Clark:

The above application for coverage under General Permit to Construct a small waste treatment facility consisting of a septic tank and leach field 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,

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit For a Small Waste Treatment Facility



JIM GERINGER  
GOVERNOR



## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

July 19, 2001

Gene D. Bell  
191 Lane 7  
Thermopolis, WY 82443

RE: Bell Small Waste Treatment Facility  
Permit Number: 01-278,  
NE 1/4, Section 11, T42N, R95W, (Tract 6, Country Estates Subdivision),  
Hot Springs County

Dear Mr. Bell:

The above application for coverage under General Permit to Construct a small waste treatment facility consisting of a septic tank and leach field 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,

A handwritten signature in cursive script that reads "Mark Baron".

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit For a Small Waste Treatment Facility

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 01-279  
SPECIAL CONDITIONS

## Tom Hunt Residential Septic System - Ryan Park

This permit hereby authorizes the applicant:

Tom Hunt  
3520 Hayes Avenue  
Cheyenne, Wyoming 82001

to construct and install a residential septic system with a shallow leachfield and an insulated septic tank according to the procedures and conditions of the application number 01-279. The facility is located in the SE 1/4 of Section 28, T16N, R81W in the county of Carbon, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by July 31, 2003.

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

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

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

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

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

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/or 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/or operator shall comply with all of the following permit conditions:

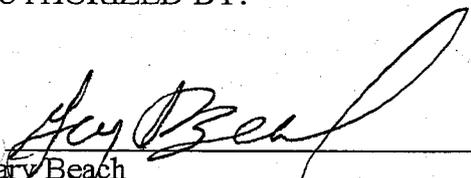
- 1 of 8. The applicant will notify the DEQ/WQD Southeast District Office by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 8. The applicant will provide immediate oral and/or written notice to the DEQ/WQD Southeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 8. 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.**
- 4 of 8. Leach Field Trench Depths Restricted - Because of locally shallow groundwater depths (approximately 4 to 4.5 feet), **the leach trenches shall not be made more than 6 to 8 inches deep** - just enough to remove the roots of the plants and even out the trench bottoms. Six(6) inches of washed rock shall then be placed in the trench and the perforated pipe placed on top of the rock. More rock shall then be added to cover the pipe by at least two(2) inches, then a layer of untreated building paper or straw, followed by at least two(2) feet of cover soil. This will create a mound approximately 2 ½ to 3 feet high. Enough cover soil shall be placed to protect the system from freezing.
- 5 of 8. Septic Tank Riser Requirement - Either a 6 inch diameter clean-out riser or the manway shall be extended to the finished ground surface from each compartment of the septic tank.
- 6 of 8. Septic Tank Freeze Protection Required - Because the septic tank will have to be very near to the natural ground surface in order to accommodate the shallow leach trenches described above, the septic tank will have to be protected from freezing. The tank shall be protected on all four sides (to within one foot of the bottom of the tank) and the top (including the manhole covers) by gluing rigid foam insulation (recommended for contact with the soil) to the tank. The insulation shall have a minimum "R" value at least:

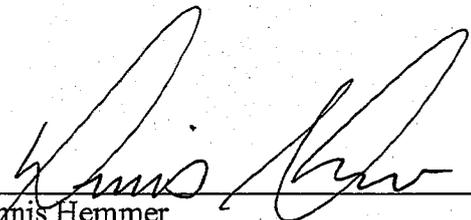
$$"R" = 5 + [1.25 * (\text{Local elevation(ft)/1000} - 4.0)]$$

For the Ryan Park area (elev. 8300 feet) this works out to a minimum "R" value of 10 ½. Additionally, several feet of cover soil should be mounded over the septic tank as needed to protect against the local winter conditions. Note - insulation is not required on the bottom of the tank.

- 7 of 8. Report to DEQ Before Final Cover Soil is Placed - At least two(2) days before the final cover soil is to be applied, the WQD shall be notified so as to allow for an inspection if deemed necessary by the WQD. The need for an inspection shall be solely determined by the WQD depending on the information supplied during the notification. If an inspection is deemed necessary; the top 1 foot of the septic tank should be exposed (including the sides of the tank with insulation in place), and the trench construction should be viewable. To notify the WQD call Ron Ewald at (307) 777-6183.
- 8 of 8. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

8-1-2001  
\_\_\_\_\_  
Date of Issuance

RLE/mad/11949-ltr  
cc: Carbon County Planner/Sanitarian

## STATEMENT OF BASIS

I. General information.

A. Permit Number: 01-279

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

A. Chapter 11. Yes

B. Chapter 12. No

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

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

Yes

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter 11, or 12.

No

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

No

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

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NOT Applicable

- VI. Deleted

- VII. Documentation of Statement of Basis.

The archives 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 Ronald L. Ewald, Senior Analyst, and completed on August 1, 2001. 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."

---

<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.



THE STATE OF WYOMING

JIM GERINGER  
GOVERNOR



## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

August 31, 2001

Gerald Heckart, Mayor  
City of Lander Public Works Department  
240 Lincoln Street  
Lander, Wyoming 82520

RE: Lowham Property Improvements, Goodrich Addition - Water and Sewer Extensions  
Permit Number: 01- 280R, PWS # WY5600176  
Fremont County, SE 1/4 NE 1/4 Section 24, T33N, R100W

Honorable Mayor Heckart:

The above application for coverage under General Permits to Construct an extension of a public water distribution system and an extension of a sewage collection system in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations have been reviewed and is hereby approved. You are authorized to construct, the facility which consists of 280 linear feet (LF) of 6 inch PVC water main, and 125 LF of 8 inch PVC sewer main and 50 LF of 6 inch PVC sewer main and appurtenances, 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.

**The following conditions applies to this permit:**

**1) Use of the pumper connection on the fire hydrant located near the intersection of Goodrich Drive and Iiams Drive is prohibited, until water can be supplied to the fire hydrant from two directions by looping of the water mains in this area.**

**2) A security cap and a "Out - of - Service" sign are to be installed on the hydrant described in condition 1 and remain in place until the requirements of condition 1 are met. The security wrench for the security cap is to remain in possession of the public works department.**

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

Sincerely,



Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division



Jeff Hermansky, P.E.  
Northwest District Engineer  
Water Quality Division

cc: IPS, Cheyenne

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



The State  
of Wyoming



## Department of Environmental Quality

Jim Geringer, Governor

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

ADMIN/OUTREACH (307) 777-7758 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 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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### NOTIFICATION OF COVERAGE

August 1, 2001

Mr. Roger Manbeck,  
Town of Saratoga Joint Powers Board  
P.O. Box 486  
Saratoga WY 82331

RE: 7th Street Sanitary Sewer Lowering, Application No.01-281, Carbon County

Dear Mr. Manbeck:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems in accordance with Chapter 3, 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 sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No.01-281 in any future correspondence.

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

Sincerely,

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

LBH/bb/11985.ltr

cc: IPS, Cheyenne

Gary Steele, PMPC  
P.O. Box 370  
Saratoga WY 82331

# PERMIT TO CONSTRUCT

X New  
— Renewal  
— Modified

PERMIT NO. 01-282RR  
SPECIAL CONDITIONS

## Teton Village Wastewater Treatment Plant Expansion

This permit hereby authorizes the applicant:

Richard A. McDowall, Chairman  
Teton Village Water & Sewer District  
P.O. Box 586  
Teton Village, WY 83025

to construct a wastewater treatment plant expansion with a capacity to treat 0.7 MGD, the expansion includes a new mechanical screen, a new circular clarifier, a new UV disinfection system, a new aerobic digester, and new biosolids handling and drying equipment, according to the procedures and conditions of application number 01-282RR. The facility is located in SW 1/4 Section 24, T42N, R117W in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 18, 2003.

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

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

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

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

The permittee shall notify representatives from the DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Mark Baron, Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-3183.

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/or 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.

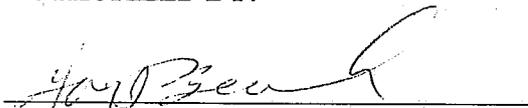
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not

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/or operator shall comply with all of the following permit conditions:

- 1 of 6 The applicant will notify the Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 6 The applicant will provide immediate oral and/or written notice to the Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, 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.
- 3 of 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; 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.
- 4 of 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 6 Alternative power must be provided in an amount such that under maximum day flow rate conditions, all incoming sewage will be treated to meet discharge permit requirements continuously and indefinitely.
- 6 of 6 Additional plans and specifications to amended the contact documents for the construction and installation of an alternative power source that meets the requirements of condition 5 must be submitted to our office by December 3, 2001.

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

10-23-2001  
Date of Issuance

MDB/mad/12749-ltr  
xc: Phil Stump  
DEQ/WQD  
Cheyenne

## STATEMENT OF BASIS

### I. General information.

Permit Number: 01-282RR

### II. Application reviewed for compliance with the following regulations.

A. Chapter 11. Yes

B. Chapter 12. No

### III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section 2.

No

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter 11, or 12.

No

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

No

### IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

Chapter 11, Section 11 (b & d) requires an alternative power source sized to treat all sewage to the discharge permit standards. No additional power source has been included with this plant expansion.

B. Briefly state the basis for the deviation.

This permit is conditioned such that an alternative power source sized to treat all sewage must be installed as part of this plant expansion.

C. Permit based on general or statewide deviation contained in approved policy statement

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3<sup>1</sup>.

N/A

VI. If Section 17 of Chapter 3 is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

N/A

VII. Documentation of Statement of Basis.

The archives 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 Mark Baron, Environmental Senior Analyst, and completed on October 18, 2001. 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."

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<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.



THE STATE OF WYOMING

JIM GERINGER  
GOVERNOR



## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

July 25, 2001

Mike Vaughn  
655 W. Sunnyside  
Thermopolis, WY 82443

RE: Vaughn Small Waste Treatment Facility  
Permit Number: 01-283,  
NE 1/4, Section 12, T43N, R95W,  
Hot Springs County

Dear Mr. Vaughn:

The above application for coverage under General Permit to Construct a small waste treatment facility consisting of a septic tank and leach field 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,

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit For a Small Waste Treatment Facility



The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

March 3, 2003

Shawn O'Malley, Town Engineer  
Town of Jackson  
Town of Jackson Public Works Department  
P.O. Box 1687  
Jackson, WY 83001

RE: Town of Jackson - Sanitary Sewer Rehabilitation Phase IV - DEQ/WQD # 01-284

Dear Mr. O'Malley:

This letter is to acknowledge your request per your December 9, 2002, letter that permit 01-284 be terminated. Under Chapter 3, Section 12 (b)(iv) of the Wyoming Water Quality Rules and Regulations permits shall be automatically terminated upon written request of the permittee. The Town of Jackson's permit information is being returned for your records.

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

Sincerely,

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

cc: IPS, Cheyenne  
Enclosures



PUBLIC WORKS DEPARTMENT

December 9, 2002

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division  
Lander DEQ  
250 Lincoln Street  
Lander, WY 82520

**Subject: Sanitary Sewer Rehabilitation Phase IV Permit #01-284**

Dear Mr. Baron,

Please find herewith the notification of permit provided by your office for the Town of Jackson Sanitary Sewer Rehabilitation Phase IV. The bids received for this project were well above the Town of Jackson budget and as a result, this project has not been approved for construction. The Town has incorporated this construction within another project. As such a certification of project completion for this work shall be provided via an alternate permit.

If you have any questions, please contact me at 307-739-4547.

Sincerely,

A handwritten signature in cursive script that reads "Shawn P. O'Malley".

Shawn P. O'Malley, P.E.  
Town Engineer  
Town of Jackson Public Works Department

cc: Jeff Hermansky, P.E.  
District Engineer  
Water Quality Division





JIM GERINGER  
GOVERNOR

# Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

## NOTIFICATION OF COVERAGE

August 8, 2001

Town of Jackson  
Shawn O'Malley, Town Engineer  
P.O. Box 1687  
Jackson, WY 83001

RE: Town of Jackson - Sanitary Sewer Rehabilitation Phase IV,  
Permit Number: 01-284,  
Teton County, SE 1/4 Section 33 & NW 1/4 Section 34, T41N, R116W

Dear Mr. O'Malley:

The above application for coverage under General Permit to Construct the replacement of a sewage collection system 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 which consists consisting of 2650 linear feet of 8 inch PVC sewer main, 12 manholes and appurtenances, in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

Jeff Hermansky, P.E.  
District Engineer  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit for a Sewage Collection System





The State  
of Wyoming



## Department of Environmental Quality

Jim Geringer, Governor

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

<b>ADMIN/OUTREACH</b> (307) 777-7758 FAX 777-3610	<b>ABANDONED MINES</b> (307) 777-6145 FAX 777-6462	<b>AIR QUALITY</b> (307) 777-7391 FAX 777-5616	<b>INDUSTRIAL SITING</b> (307) 777-7369 FAX 777-6937	<b>LAND QUALITY</b> (307) 777-7756 FAX 777-5864	<b>SOLID &amp; HAZ. WASTE</b> (307) 777-7752 FAX 777-5973	<b>WATER QUALITY</b> (307) 777-7781 FAX 777-5973
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### NOTIFICATION OF COVERAGE

August 17, 2001

MS Judy Uphoff, Director  
Wyoming Department of Corrections  
700 West 21st Street  
Cheyenne WY 82001

RE: Wyoming State Penitentiary Redundant Water Line and Sewer Grinder , Application No.01-288, Carbon County

Dear MS Uphoff:

The above application for coverage under General Permits 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 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. Please reference Application No.01-288 in any future correspondence.

Four valves on the 12 inch diameter redundant water line are sufficient. The other valves shown in the plans may be deleted. Please coordinate the final placement of the valves on the 12 inch diameter redundant water line with Scott Schmidt, Chief Operator of the Rawlins Water System.

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

Sincerely,

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

cc: IPS, Cheyenne  
Ken Burnett, Assistant Prison Project Coordinator, A&I GSD  
Robert Johnson, JFC Engineers  
1515 Ninth Street, Suite A  
Rock Springs WY 82901

LBH/mad/12132-ltr

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

Herschler Building 4 West  
Cheyenne, Wyoming 82002

PROJECT: Wyoming Dept. of Corrections Redundant Water Line and Sewer Grinder

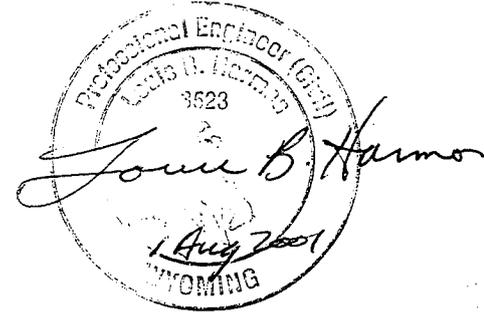
ENGINEER: JFC

APPLICANT: Wyoming Dept. of Corrections

WATER QUALITY DIVISION REFERENCE NUMBER: 01-288

REVIEWING ENGINEER: Louis B. Harmon

DATE OF REVIEW: August 1, 2001



**ACTION:** NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 9 (a)(ii), Chapter 3, Wyoming Water Quality Rules and Regulations, the application is denied because it is incomplete or does not meet applicable minimum design and construction standards. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with said Section 9. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

**COMMENTS, INADEQUACIES, AND QUESTIONS:**

1. No design report was received with the application as required by Chapter 12, Section 6 of the Water Quality Division Rules and Regulations. The design report should address in detail the high pressures vs the class of pipe being used and water hammer in both the new and the existing pipe lines.
2. Detail Sheet 8 for the water treatment plant layout is missing from the single set of plans received.
3. The connection of the old and new water line to the PRV vault and bypass needs to be redesigned to eliminate the cross at the point of connection. Failure of the cross would cause the system to fail. The cross can be replaced with two Tee's with additional valves, which would provide complete redundancy through the system.
4. Three sets of the design report, specifications, and plans signed by the engineer need to be submitted for approval.
5. The Chapter 12 Section 14 requirement for 800 ft valve spacing cannot logically be applied to this pipeline. The engineer may desire to re-evaluate the number of valves used along the pipeline. In addition to the valve at each end, I would suggest that one or two more valves somewhat equally spaced but next to one of the blow-off hydrants would be adequate.

LBH/bb/11956.ltr



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

August 24, 2001

Dale R. Thackeray  
868 McKinley Ave.  
Lovell, WY 82431

RE: Thackeray - Small Waste Treatment Facility, Permit Number: 01-289R,  
Shumway Tract, Lot 6-9F, T56N, R96W,  
Big Horn County

Dear Mr. Thackeray:

The above application for coverage under General Permit to Construct a small waste treatment facility consisting of a septic tank and leach field 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.

**Conditions:**

**1) Install 24 leaching chamber units. Each unit must have a equivalent area of 40 square feet. The bottom of the chamber trench must be 4 foot from the seasonally high ground water.**

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

Sincerely,

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit For a Small Waste Treatment Facility

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 01-290R  
SPECIAL CONDITIONS

## Town of Jackson - Aeration System Modifications 2001

This permit hereby authorizes the applicant:

Shawn O'Malley, Town Engineer  
Town of Jackson  
P.O. Box 1687  
Jackson, WY 83001

to construct the replacement of the Inca Aeration System in primary cell #1 with two 30 horsepower aspirating aerators and the Static Tube Aeration System in primary cell #2 with one 60 horsepower aspirating aerator, according to the procedures and conditions of application number 01-265R. The facility is located in NE 1/4 & NW 1/4 Section 29, T40N, R115W in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 17, 2003.

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

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

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

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

The permittee shall notify representatives from the DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Mark Baron, Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-3183.

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/or 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

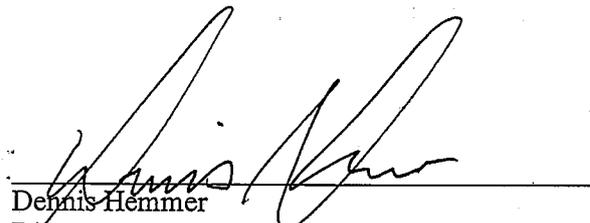
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

- 1 of 4 The applicant will notify the Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to the Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, 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.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; 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.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

9-21-2001  
Date of Issuance

MDB/mad/12406-ltr

STATEMENT OF BASIS

I. General information.

Permit Number: 01-290R

II. Application reviewed for compliance with the following regulations.

A. Chapter 11. Yes

B. Chapter 12. No

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section 2.

Yes

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter 11, or 12.

No

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

No

IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

N/A

B. Briefly state the basis for the deviation.

N/A

C. Permit based on general or statewide deviation contained in approved policy statement

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3<sup>1</sup>.

N/A

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<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.

VI. If Section 17 of Chapter 3 is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

N/A

VII. Documentation of Statement of Basis.

The archives 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 Mark Baron, Environmental Senior Analyst, and completed on September 17, 2001. 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."



JIM GERINGER  
GOVERNOR



## Department of Environmental Quality

250 Lincoln Street ● Lander, Wyoming 82520-2848 ● Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

8-13-01  
Barb

### NOTIFICATION OF COVERAGE

August 9, 2001

City of Riverton  
Vern Heisler, City Engineer  
816 N. Federal Blvd.  
Riverton, WY 82501

RE: Major Avenue - Water and Sewer Mains  
Permit Number: 01-291, PWS #WY5600047  
Fremont County, Section 33, T1N, R4E

Dear Mr. Heisler:

The above application for coverage under General Permits to Construct a an extension of a public water distribution system and the extension of a sewage collection system in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility which consists of 286 linear of 8 inch PVC water main and 364 linear feet of 8 inch PVC sewer main and appurtenances, 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,

*Mark Baron*  
Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

*Jeff Hermansky*  
Jeff Hermansky, P.E.  
District Engineer  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit for a Public Water System Extension,  
General Permit for a Sewage Collection System Extension

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 01-292  
SPECIAL CONDITIONS

Summit Rest Area and Information Center - Water Supply Well Modifications  
PWS # 5600310N

This permit hereby authorizes the applicant:

Wyoming Department of Transportation  
Attn. Ronald Hansen, Facility Coordinator  
P.O. Box 1005  
Laramie, Wyoming 82070

to construct and modify the water system supply wells according to the procedures and conditions of the application number 01-292. The facility is located in the SW 1/4 of Section 26, T15N, R72W in the county of Albany, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 30, 2002.

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

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

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

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

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

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/or 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/or operator shall comply with all of the following permit conditions:

- 1 of 5. The applicant will notify the DEQ/WQD Southeast District Office by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5. The applicant will provide immediate oral and/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 of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5. 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.****
- 4 of 5. As-Built Plans and Well Test Results Required - As-Built plans and the results of the constant discharge pump test for each well SHALL be submitted to the Water Quality Division within sixty (60) days of completion of the project. In addition to the pump test results (including the raw test data), the as-built plans shall include:
  - The brand, model, size, and pumping capacity of the pumps selected,
  - The depth where the pumps were set,
  - Details of the metering system installed, including locations of equipment,
  - Details of the water level monitoring system, and
  - Details of any other pertinent equipment or minor changes necessitated by unforeseen circumstances encountered during the project, including any appropriate drawings.

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

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

9-21-2001  
Date of Issuance

RLE/bb/12445.ltr

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 01-292

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

A. Chapter 11. No

B. Chapter 12. Yes

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

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

Yes

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter 11, or 12.

No

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

No

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

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NOT Applicable

- VI. Deleted

- VII. Documentation of Statement of Basis.

The archives 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 Ronald L. Ewald, Senior Analyst, and completed on September 19, 2001. 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."

RLE/bb/12445.ltr

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<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.

**AS-BUILT**  
**PERMIT TO CONSTRUCT**

New  
 Renewal  
 Modified

PERMIT NO. 01-293R  
SPECIAL CONDITIONS

**Wapiti Estates No. 3 Subdivision WL #1 Water Well**  
**PWS # WY5600460**

This permit hereby authorizes the applicant:

Jon W. Sowerwine  
43 Streamside Drive  
Wapiti, Wyoming 82450

to have constructed a public water supply well to serve a lodge which averages 37 meals per day according to the procedures and conditions of application number 01-293R. The facility is located in NE 1/4 NE 1/4 Section 24, T52N, R105W in the county of Park, in the State of Wyoming.

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

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

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

The permittee shall allow authorized representatives from the DEQ, Water Quality Division (WQD), 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/or 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 has constructed and shall operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

1 of 1      The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

2 of 2 Construction of the concrete apron and installation of the bentonite seal surrounding the well casing as indicated on the water well construction detail must be completed within 30 days, of the approval, of this As-Built Permit To Construct.

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

8-29-2001  
\_\_\_\_\_  
Date of Issuance

MDB/mad/12202-ltr

## STATEMENT OF BASIS

### General information.

Permit Number: 01-293R

### II. Application reviewed for compliance with the following regulations.

- A. Chapter XI. NO
- B. Chapter XII. Yes

### III. Basis for issuing permit.

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

No

- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

No

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

No

### IV. Facilities not specifically covered by regulations.

- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

Chapter 12, Section 9 (b)(iii)(B)(III), page 18, requires the permanent casing and grout used in sand and gravel water wells to extend at least 20 feet below the ground elevation. No grout was used in the construction of this well between the bore hole and the permanent casing.

- B. Briefly state the basis for the deviation.

Bentonite and a concrete apron will be use to create a surface seal. The bentonite will be placed to a depth of 36 inches. This will provide protection against contamination from surface water.

Because this water well is part of a public water supply the water quality of this well will be monitored. This monitoring will reduce the risk of the well being kept in use if contamination should occur.

- C. Permit based on general or statewide deviation contained in approved policy statement.

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter III<sup>1</sup>.

N/A

VI. If Section 17 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

N/A

VII. Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Mark Baron, Environmental Senior Analyst, and completed on August 22, 2001. 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."

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<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.



The State  
of Wyoming



# Department of Environmental Quality

Jim Geringer, Governor

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

<b>ADMIN/OUTREACH</b> (307) 777-7758 FAX 777-3610	<b>ABANDONED MINES</b> (307) 777-6145 FAX 777-6462	<b>AIR QUALITY</b> (307) 777-7391 FAX 777-5616	<b>INDUSTRIAL SITING</b> (307) 777-7369 FAX 777-6937	<b>LAND QUALITY</b> (307) 777-7756 FAX 777-5864	<b>SOLID &amp; HAZ. WASTE</b> (307) 777-7752 FAX 777-5973	<b>WATER QUALITY</b> (307) 777-7781 FAX 777-5973
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August 27, 2001

Jon W. Sowerwine  
43 Streamside Drive  
Wapiti, Wyoming 82450

RE: As-Built Permit To Construct, WQD Reference Number 01-293R

Dear Mr. Sowerwine:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the above referenced As-Built Application submitted by your engineer, Roy R. Holm. Our review of the information and as-constructed plans submitted to this office indicates that the application meets DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers a public water supply well which has already been constructed.

Please be advised that the system must be constructed, installed and operated in accordance with the statements, representations and procedures presented in the application and all supporting documentation as well as the terms and conditions of the permit. You are urged to be familiar with all aspects of the permit application, permit and permit conditions. Any person objecting to a permit issued by the DEQ and desiring affirmative relief may request a hearing before the Environmental Quality Council in accordance with the Rules of Practice and Procedure for the Department of Environmental Quality and the Wyoming Administrative Procedures Act.

Sincerely,

  
Dennis Hemmer  
Director  
Department of Environmental Quality

DH/MDB/b/12202-ltr

Enclosure:

cc John A. Passehl  
Water Quality Division  
Cheyenne



The State  
of Wyoming



## Department of Environmental Quality

Jim Geringer, Governor

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

AIR QUALITY  
(307) 672-6457  
Fax (307) 674-6050

LAND QUALITY  
(307) 672-6488  
Fax (307) 672-2213

WATER QUALITY  
(307) 672-6457  
Fax (307) 674-6050

### NOTIFICATION OF COVERAGE

August 8, 2001

Mr. David Nicolarsen  
Assistant Sheridan Area Water Supply Joint Powers Board Manager  
224 S. Main  
Sheridan, WY 82801

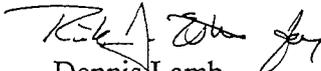
RE: Highway 335 Waterline Relocation, Permit # 01-294-

Dear Dave:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a water distribution system in accordance with Chapter 3 and Chapter 12 of the WWQRR have been reviewed and are 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 Rick J. Estes at 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307) 672-6457. Thank you.

Sincerely,

  
Dennis Lamb  
NE District Supervisor  
DEQ/WQD

cc: IPS, Cheyenne  
Mike Evans, PE - EnTech Inc.  
Jackie Flowers, PE - Interim City of Sheridan Public Works Director



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

July 30, 2001

Wilford J. Tippetts, President  
Shoshone Stockgrowers Association  
491 HWY 14A E.  
Lovell, WY 82431

RE: Shoshone Stockgrowers Association - Cow Camp Septic System,  
Small Waste Treatment Facility, Permit Number: 01-295,  
NE 1/4, Section 12, T56N, R92W,  
Big Horn County

Dear Mr. Tippetts:

The above application for coverage under General Permit to Construct a small waste treatment facility consisting of a septic tank and leach field 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,

A handwritten signature in cursive script that reads "Mark Baron".

Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit For a Small Waste Treatment Facility

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

Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

PROJECT: Bob Parker Septic System

ENGINEER: Gary Steele  
PMPC  
P.O. Box 370  
Saratoga, Wyoming 82331  
Ph: (307) 326-8301

APPLICANT: Bob Parker  
601 16<sup>th</sup> St., C-344  
Golden, Colorado 80401

WATER QUALITY DIVISION REFERENCE NUMBER: 01-296

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

DATE OF REVIEW: August 6, 2001

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

**COMMENTS, INADEQUACIES, AND QUESTIONS:**

1. Subdivision Questions:

- What is the name of this subdivision?
- When was it plated and/or approved?
- What is the Lot # and Block # for this property?

Please complete questions 1 through 7 on the general information worksheet included.

Review Plans/Specs

Permit #01-296

Page 2

2. Mounded or Non-mounded System - The specifications mention that the "Fill material shall have a minimum percolation rate of 5 minutes/inch." Also, the design criteria states that the seasonal high groundwater level is at 6.7 feet below the ground surface. Therefore, is this system intended to be mounded, or partially mounded, with the "Infiltrator" units to be set on top of placed and compacted fill material? In either case, please provide a cross-section drawing of the proposed trench construction showing the intended depths and all other pertinent trench dimensions. Please complete the detail sheet included.

RLE/bb/12030.ltr

Enclosures: General Information worksheet  
Two Trench Chambered Leachfield detail sheet



The State  
of Wyoming



## Department of Environmental Quality

Jim Geringer, Governor

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

ADMIN/OUTREACH (307) 777-7758 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 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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### NOTIFICATION OF COVERAGE

August 27, 2001

Bob Parker  
601 16th St., C-344  
Golden, Colorado 80401

RE: Bob Parker Residential Septic System, Application No. **01-296**  
Location: N ½, Section 10, Township 19N, Range 81W, Carbon County

Dear Mr. Parker:

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 and install the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

The approval granted under this Notification Of Coverage and the General Permit shall expire on August 27, 2003. Please reference Application Number **01-296** in any future correspondence.

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

Sincerely,

Ronald L. Ewald  
Environmental Senior Analyst  
Southeast District, Water Quality Division

RLE/mad/12203-ltr

cc: IPS, Cheyenne  
Gary Steele, PMPC, P.O. Box 370, Saratoga, Wyoming 82331  
Carbon County Planner/Sanitarian

Closures: GENERAL PERMIT - Small Wastewater Facility  
Schedule Card  
Certificate of Completion form

## PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 01-297  
SPECIAL CONDITIONS

Tom Brown Inc., Poison Creek Gas Transmission Facility (former KNE facility)

This permit hereby authorizes the applicant:

Tom Brown Inc.  
555 17<sup>th</sup> Street, Suite 1850  
Denver, CO 80202

to construct, install or modify groundwater monitoring wells according to the procedures and conditions of the application number 01-297. The facility is located in NE, NE, Section 32, T37N, R93W in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by July 31, 2006.

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

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

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

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

The permittee shall notify representatives from the DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: WDEQ, Water Quality Division, 250 Lincoln Street, Lander, Wyoming 82520; telephone (307) 332-3144; FAX (307) 332-3183.

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/or 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/or operator shall comply with all of the following permit conditions:

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

- viii. The results of such analyses.
- ix. Groundwater samples from the monitoring wells shall be analyzed as indicated on the following table:

WELL NAME OR NUMBER	SAMPLING FREQUENCY	ANALYTICAL METHOD(S)	PARAMETER(S) ANALYZED	PERMIT LIMIT*
All Monitoring wells	Initial	EPA 8015 EPA 8020 (or 8260)	TPH-DRO & GRO BTEX	----- -----

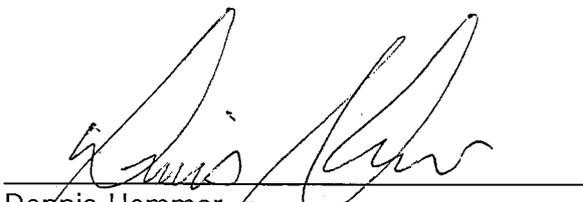
\* Permit Limits (i.e. Groundwater Protection Standards) are only required for compliance monitoring wells. All chemical concentrations in this permit are expressed in mg/l unless otherwise noted.

6. of 7 Within sixty (60) days upon receipt of the laboratory results for the sampling of the monitoring wells authorized by this permit, the Applicant shall submit to WDEQ/WQD a **Report of Investigation**. The *Report of Investigation* shall contain the information found in GPC Guideline #3 which was provided to Tom Brown Inc. earlier.

7. of 7 The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of well(s)/piezometer(s) shall be installed to define the nature and extent of the contamination.

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

8-6-01  
\_\_\_\_\_  
Date of Issuance

MFT/mad/11942-ltr  
cc: IPS, Lander

GROUNDWATER POLLUTION CONTROL PROGRAM  
REVIEW COMMENTS:  
PLANS/SPECIFICATIONS/PROPOSALS/REPORTS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
250 Lincoln Street  
Lander, Wyoming 82520  
(307)332-3144

SITE NAME: POISON CREEK GAS TRANSMISSION FACILITY

SITE STATUS: SITE CHARACTERIZATION

APPLICANT:  
Brant Gimmeson  
Env/Safety Manager  
Tom Brown, Inc  
555 17<sup>th</sup> Street, Suite 1850  
Denver, CO 80202

ENGINEER/CONSULTANT:  
Paul Toucher  
Cordilleran Compliance Services, Inc.  
1221 Spring Creek Drive  
Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 01-297

EXISTING       NEW       AS BUILT

TITLE: Work Plan, Tom Brown Inc., Poison Creek Facility, Fremont County, Wyoming

PLANS       SPECS       PROPOSAL       REPORT  
[Check all that APPLY]

DATE ON PROPOSAL/PLANS/REPORT: Work Plan dated July 25, 2001 (date stamped 7/27/01)

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

'CONDITIONS' TO ANY WQD PERMIT?  NO       YES [PERMIT #.....]

AN LOV, NOV OR OTHER ENFORCEMENT?  NO       YES [DATE]

REVIEWING OFFICIAL:

\_\_\_\_\_  
Mark Thiesse, P.G.

DATE OF THIS REVIEW: July 30, 2001

ACTION: Work Plan accepted as submitted.

## COMMENTS: GROUNDWATER SECTION

### 1.0 SUMMARY OF EXISTING CONTAMINATION:

**1.1 Site Description.** The Poison Creek well site is located about 8 miles southeast of Shoshoni, Wyoming, in Fremont county. It is located in the NE 1/4 NE 1/4 of Section 37, T 32 N, R 93 W. The site consists of a natural gas production well, a gas processing unit (GPU), a dehydration unit, and a gas compressor. The GPU separates the gas from condensate and water, and sends the water to an unlined pit, and the condensate to a steel tank.

**1.2 Site History.** Merrion Oil and Gas (Merrion) has owned the gas well since the mid 1960's. The gas transportation facilities were originally owned by Williston Basin Interstate Pipeline (WBIP), now currently owned by Tom Brown Inc. As a condition to the sale of the transportation facilities to KN Energy, a phase II investigation was performed in August 1992 on WBIP's property which includes the dehydration tower and a waste water pond. The investigation discovered soil contamination around the waste water pond, therefore, groundwater monitoring wells were installed adjacent to the pond. Groundwater contamination was identified, however, due to the very flat gradient, and the apparent up gradient location of the impacted wells from the pond, the source of the contamination was not confirmed. Additional investigations were performed and are described below. Tom Brown Inc., purchased the gas transmission facilities from KN, and assumed the environmental responsibility in 2000.

**1.3 Summary of Soil and Groundwater Contamination.** The source of the hydrocarbon contamination identified by the transportation companies has not been identified. Potential sources include the two unlined ponds, any of the pipelines connecting the various facilities and the facilities themselves, the storage tanks and the gas well. The investigations performed at the site have identified soil and groundwater hydrocarbon contamination above WQD standards in several locations. See investigation summaries below for additional details.

**1.4 Hydrology.** The well site is located on flat alluvium with a ephemeral drainage just to the north of the site. A layer of alluvial sand and silt up to approximately 15 feet thick is present at the site. The Wind River Formation underlies the alluvium and is composed of a thick section of interbedded siltstone, sandstone and conglomerate. The Wind River Formation is hard in this area, an auger rig was unable to drill into it. The monitoring wells were installed by an air rotary rig. Groundwater was located at a depth of approximately 42 feet in the three wells installed during the 1993 investigation. The groundwater flow direction appears to be to the south, however, as mentioned above, the gradient is very flat and could vary depending on seasonal changes. No other hydrogeologic information has been provided.

### 2.0 SUMMARY OF WORK COMPLETED TO DATE:

**2.1 August 1992 Soil Investigation.** WBIP had Western Water Consultants (WWC) perform a soil investigation at the transportation facility in 1992 prior to the sale to KN Energy. Seven soil borings were performed in the area of the waste water pond. They were drilled to approximately 17 feet. The soil was field screened for hydrocarbons and select samples were sent for laboratory analysis to confirm the field results. The lab analysis was for hydrocarbons, RCRA metals, PCB's and for RCRA characteristic reactivity. Two of the soil samples had laboratory detections for hydrocarbons, and many had metals detected, however, none were near regulatory limits. The conclusion of the report was that soil had been impacted by

VOC and TPH contamination. Groundwater was not investigated due to the hard formation. It appeared that the contamination was spread along the interface between the alluvium and the hard Wind River Formation. A proposal was made to land farm the soil on site to remediate the contamination, and to install groundwater monitoring wells.

**2.2 May 1993 Investigation Report.** WWC prepared a report for KN Energy, submitted to the WDEQ in August 1993, that summarized the results of an investigation that took place in May 1993. The investigation installed three (3) groundwater monitoring wells and sampled the wells for laboratory analysis of BTEX and hexane. Groundwater elevations were also measured and gradient information was provided. The flow direction appeared to be to the south-southwest, however the gradient is very flat and may be easily influenced by seasonal variations and perhaps by water levels in the pond. All three wells had hydrocarbon groundwater contamination, BTEX levels ranged from 8340/19,900/1090/13,370  $\mu\text{g}/\text{l}$  in well MW-2 to 173/629/49.5/516.3  $\mu\text{g}/\text{l}$  in MW1. MW1 and MW2 are cross gradient wells and MW3 is an up gradient well. Because the apparent up gradient well was impacted, the report suggests that there is an up gradient source for the contamination.

**2.3 September 1996 Well Abandonment Report.** In July, 1996, WWC requested permission from the WQD to abandon the three water wells at the site. The main reason supporting the abandonment of the wells was that the wells would likely be destroyed during the reclamation of the pit. Also, WWC believed that the contamination was from up gradient, therefore, the wells would no longer be necessary. The WQD approved WWC's request on August 9, 1996. WWC provided the WQD a summary report describing the abandonment of the three monitoring wells at the site, which included plans for backfilling the waste water pit. The report also included groundwater analytical results and elevations from the final sampling event. The wells still contained significant levels of BTEX in the groundwater, comparable to the concentrations listed above. The plans for backfilling the pond included mixing the soil with manure to augment the natural degradation of the hydrocarbon stained soils.

The wells were abandoned on August 20, 1996, in accordance with applicable WQD and State Engineers Office rules and regulations. The backfilling took place on October 14, 1997. The soil in the bottom of the pit was loosened and mixed with manure and clean soil from the surface to augment the biodegradation. The berms for the edge of the pit were then pushed into the bottom of the pit to place more clean, oxygenated soil in contact with the contaminated soil. Then the soil that was excavated earlier in the project, which was the most severely impacted soil, was placed on top of the pit. By placing this soil at the surface, it is anticipated that more biodegradation will take place. A soil sample was collected from approximately 8 feet below the bottom of the pit prior to backfilling. The soil sample had a laboratory TPH-GRO reading of 3,480 mg/kg, well above the WQD's soil clean up standard of 30 mg/kg for this type of contamination. The July 2001 investigation work plan, described below, follows up on this remediation work to confirm natural attenuation is taking place at the former waste water pit.

**2.4 September 1998 Investigation.** SonPower Engineering, Merrion's consultant for this project, collected a water sample from their produced water pit and had a laboratory analysis

performed for BTEX, TPH-DRO, TPH-GRO and TDS compounds. The BTEX results were 1860/325/ND/417  $\mu\text{g/l}$  respectively. TPH-DRO was ND and TPH-GRO was 4,010  $\mu\text{g/l}$ . The TDS result was 11,000 mg/l.

**2.5 November 1998 EPA Investigation.** The EPA, working with the BLM, performed five soil borings at the site using a GeoProbe rig. The original intent was to reach groundwater, however the rig was unable to penetrate deeper than approximately 17 feet, so soil samples were taken instead. Boring SB-1, just south of KN's pit location, was ND for TPH-GRO and benzene. SB-2, located adjacent to Merrion's produced water pit had BTEX readings of 1340/18,600/9980/167,000  $\mu\text{g/l}$ . The TPH-GRO reading was 975 mg/kg and TPH-DRO was 581 mg/kg. SB-3 was taken north of Merrion's produced water pond and was ND for all analytes. SB-4 was taken north of the gas well and was also ND for all analytes.

**2.6 February 2000 Merrion Work Plan.** The work plan proposed to install three (3) monitoring wells, measure groundwater elevations to determine the hydraulic gradient, and sample the wells for BTEX, TPH-DRO and TPH-GRO using EPA methods 8020 and 8015 respectively. The purpose of this investigation is to determine whether Merrion's produced water pit has impacted groundwater at the site, and to demonstrate that the contamination found at KN's pit did not originate from Merrion's produced water pit. The wells will be installed, developed, sampled and the results reported following WQD guidelines. Because of drilling rig availability, the wells will be installed prior to obtaining the Chapter 3 permit. The plan was reviewed and verbal approval was granted before Merrion began the field work. An investigation report will be provided to this office after receipt of the laboratory analytical results. As-built well construction information will be included.

**2.7 Merrion's April 2000 Investigation Report.** The April 2000 report presented the results of the March 2000 installation and sampling of three (3) monitoring wells. The wells were constructed with an air rotary drilling rig, soil samples were collected every five (5) feet and field screened for hydrocarbons. The soil samples with the highest field readings were submitted for laboratory analysis. If no hydrocarbons were detected in the field, a soil sample from the bottom of the well was collected. A groundwater sample was collected from well MW-1, and sent for laboratory analysis. The other two wells, MW-2 and MW-3, were dry.

**2.7.1 Soil.** The soil samples were analyzed for TPH-DRO, TPH-GRO, using EPA method 8015 modified and for BTEX using EPA method 8020. The lab results indicated relatively high concentrations of hydrocarbons in well MW-1 and minor amounts of contamination in wells MW-2 and MW-3. A sample from 20 feet in well MW-1 had a TPH-DRO reading of 1,180 mg/kg, a TPH-GRO reading of 5,480 mg/kg and BTEX readings of 11.8/190/33.8/376 mg/kg. A sample from 40 feet at MW-1 had TPH-DRO, TPH-GRO, and BTEX readings of 34.9/non-detect (ND)/ND/0.0048/0.0035/ and 0.0291 mg/kg. Well MW-2 had TPH-DRO, GRO, and BTEX readings of 35.2/ND/ND/ ND/.0043/.0229 mg/kg at 40 feet deep. Well MW-3 had TPH-DRO, GRO and BTEX readings of 27.1/ND/ND/2.50/.0037/.0139 mg/kg at 45 feet deep.

**2.7.2 Groundwater.** Well MW-1, located adjacent to the waste water pit, was the only well that contained water during this field work. A water sample was taken and sent for laboratory analysis for TPH-DRO and TPH-GRO using EPA method 8015 modified and for BTEX using EPA method 8020. The resulting concentrations were, TPH-DRO was ND, TPH-GRO was 10.1 mg/l, and BTEX was 975/1,930/117/1,020  $\mu\text{g/l}$  respectively. The reading for TPH-GRO is above the WQD Chapter 17 standard and benzene and toluene are above WQD drinking water standards. The groundwater at this location appears to be a perched layer, most likely created by leakage from the waste water pit. The waste water was sampled in 1998 and had TPH-DRO (4010  $\mu\text{g/l}$ ), and BTEX (1860/325/ND/417 $\mu\text{g/l}$ ) identified.

**2.7.3 Conclusions.** The report offered the following conclusions: 1) Shallow soil contaminants detected at elevated concentrations are vertically limited in extent. 2) Groundwater detected in one on-site well represents artificially perched water that is limited in extent. 3) Contaminates detected near the KN Energy pit are unrelated to operation of the Merrion Oil produced water pit. 4) Because of the remote location of this site, the limited soil and groundwater impacted poses no significant health or environmental risk.

**2.8 Merrion's 2000 Annual Report.** The 2000 Annual report provides the results of the August 2000 sampling of Merrion's three groundwater monitoring wells. During this sample event, all three wells contained water, but the wells would not recharge sufficiently to bail the standard three casing volumes prior to sampling. The groundwater elevations were measured with the resulting groundwater flow direction to the south. This flow direction generally agrees with the flow direction obtained by KN Energy in 1993 and 1996. Samples were collected in all three wells for BTEX and TPH-GRO analyses as previously performed. Wells MW-01 and 02 were sampled for TPH-DRO analysis, well MW-03 did not have sufficient water for the TPH-DRO analysis. The analytical results from well MW-01 were TPH-GRO, 21.8 mg/l; TPH-DRO < 1 mg/l; BTEX, 4530/1000/41.7/and 1520  $\mu\text{g/l}$  respectively. Well MW-02 had 50.7 mg/l of TPH-GRO, 13.2 mg/l TPH-DRO, and 9340/520/892/ 8650  $\mu\text{g/l}$  BTEX. Well MW-03 had 3.11 mg/l TPH-GRO, < 1 mg/l TPH-DRO, and 251/298/9.5/714  $\mu\text{g/l}$  BTEX. These readings are all high, especially the benzene readings which were all well over the WQD standard of 5  $\mu\text{g/l}$ . The TPH-GRO reading for MW-01 and 02 are also over the WQD standard.

The Report draws some conclusions based on this recent data. It is pointed out that the highest concentration of contamination is found in the well (MW-02) furthest from Merrion's produced water pit. Also, the report discusses the fact that soil contamination in well MW-01, the well closest to the pit, only had soil contamination at depths between 15 and 20 feet, the approximate depth of the interface between the hard siltstone and the alluvium. The field hydrocarbon readings decreased as the well was drilled deeper. The report states that "This would indicate that the hydrocarbon contamination found in the shallow soils near the Merrion water pit never impacted the groundwater." The report also uses TDS readings from the produced pit and the conductivity results from the monitoring wells to draw conclusions concerning the impact to groundwater from the pit. Basically, it states that the TDS of the pit is very high, and the

conductivity in the wells is not high enough to show impacts from the high TDS water seeping into the groundwater. Based on these arguments, the report states that the contamination found in the groundwater near the pit did not originate there.

**2.9 Merrion's 2001 Work Plan.** The May 31, 2001 work plan proposes the installation of two (2) additional groundwater monitoring wells to more fully define the extent of the dissolved phase groundwater plume, and to try to locate a source of this contamination. The work plan also includes the results of the March 6, 2001 groundwater sampling.

**2.9.1 Sampling Results.** The results of the March 2001 sampling were presented in the work plan. Groundwater samples were taken from the three existing wells, and sampling of the earthen pit water was attempted, but was not possible because the pit was frozen over. Groundwater elevations were measured and the resulting gradient remained consistent with past measurements, to the south. Groundwater from the wells was analyzed for BTEX and TPH-GRO and TPH-DRO as has been done in the past. Wells MW-1 and MW-3 had hydrocarbon concentrations somewhat less than the last sampling event. Well MW-2 had readings that were all higher than those taken last fall. The benzene level in MW-2 (13,500  $\mu\text{g/l}$ ) remained more than three orders of magnitude greater than the WQD standard.

**2.9.2 New Well Installation.** Merrion is proposing to install two (2) additional wells to allow further definition of the extent of the plume and to try to locate any sources of contamination. One well will be up gradient of well MW-2, to try and determine if there is a source from that direction. The second well will be installed down gradient of the process area, to determine if that might be a source of contamination. The wells will be installed in a similar method as the last ones, and the WQD will be provided all "as built" information in the investigation report. Groundwater will be sampled for BTEX using EPA method 8020 and for TPH-DRO and TPH-GRO using EPA method 8015, consistent with past analyses. The soil will be screened during the drilling, and if hydrocarbons are detected, the soil will be analyzed for the same constituents.

**2.10 Tom Brown's 2001 Work Plan.** The current work plan is proposed to tie in with Merrion's investigations described above. The two companies are planning on splitting mobilization costs and coordinate the field work with each other. The WQD required Tom Brown to perform an additional investigation at the site to ensure the groundwater contamination identified by Merrion was not originating from Tom Brown's facility. The Work Plan proposes to install two monitoring wells at the facility following WQD guidelines, one in the former waste water pit location and one immediately down gradient of the process unit. This will provide information on the potential for this area to be impacting groundwater. The soil will be tested in both borings to evaluate the existing soil contamination, and to confirm that natural attenuation is taking place in the soil at the former waste water pit. The soil and groundwater will be tested for BTEX and TPH-DRO and GRO using EPA methods 8020 (or 8260) and method 8015 respectively. A report will be provided to the WQD as soon as the analytical results are available and evaluated.

**3.0 REQUESTS/REQUIREMENTS/RECOMMENDATIONS:**

**3.1 July 2001 Work Plan** The Tom Brown Work Plan is approved as submitted. We look forward to reviewing the report following the field work.

**3.2 Other Comments.** Two general comments on the Work Plan need to be made. Please forward a copy of this work plan and the investigation report when completed to the BLM office in Lander, attention Bill Bartlett for his information.

Also, any report provided to this office, that includes a discussion of geology and geologic interpretation must be stamped by a Wyoming registered geologist. Please ensure that the investigation report is stamped before submitting it to this office. Please contact Ms. Geri Allen, Executive Director, Wyoming Board of Registration for Professional Geologists at 307-766-2490 to obtain a copy of the Wyoming Geologists Practice Act or if you have further questions regarding compliance with this law.

**END OF REVIEW**

MFT/mad/11941-ltr

# PERMIT TO CONSTRUCT

✓ New  
— Renewal

PERMIT NO. 01-298  
SPECIAL CONDITIONS

Cheyenne BOPU Merritt No. 14 Well  
PWS# 5600011

This permit hereby authorizes the applicant:

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

to construct, install or modify a new pump, well building, and telemetry in a recently completed replacement well according to the procedures and conditions of the application number 01-298. The facility is located in Section 21 T15N R69W in the county of Laramie, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 30, 2004.

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

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

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

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

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

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

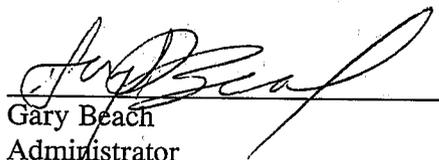
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

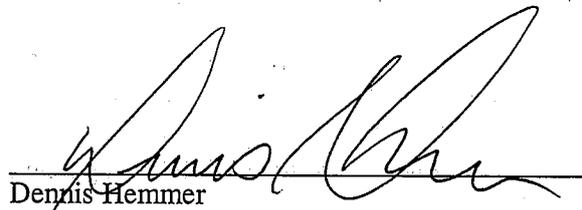
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

- 1 of 5 The applicant will notify the DEQ/WQD Southeast District Office by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5 The applicant will provide immediate oral and/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 of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5 The gross alpha count of the well water on the initial testing was 20 pCi/L, exceeding the EPA mcl of 15. The Radon 222 count was 1160 pCi/L, which is greater than 300 pCi/L as proposed for states without an approved multi-media mitigation program. The well water from this well and other wells in the same field is pumped to the Roundtop Water Treatment Plant where it is currently blended with surface water. Within two years the Roundtop filtration plant will be taken out of service. The Cheyenne Board of Public Utilities is currently conducting engineering studies to design different procedures to guarantee compliance with the Safe Drinking Water Act requirements for ground water disinfection and radioactive elements in the water supply. The Department of Health staff anticipates that the State of Wyoming will develop a multi-media mitigation program for radon which will result in the water supply standard for radon becoming 4000 pCi/L.
- 4 of 5 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.
- 5 of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Gary Beach  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Dennis Hemmer  
Director  
Department of Environmental Quality

8-17-01  
\_\_\_\_\_  
Date of Issuance

## STATEMENT OF BASIS

- I. Permit Number: 01-298
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. NO
- B. Chapter XII. YES
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.  
NO
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.  
NO
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.  
NO
- IV. Facilities not specifically covered by regulations
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.  
  
Chapter 12, Section 9(b)(iii)(B)(IX) states that when wells penetrate more than one water bearing strata, that all but one strata should be sealed off from the well.
- B. Briefly state the basis for the deviation.  
  
The individual strata tend to be discontinuous horizontally in the Ogallala aquifer. It is common practice to complete wells with screens opposite all of the more productive strata for the full depth of the well. This practice is conducted with the full knowledge of the Wyoming State Engineers Office.
- V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.  
  
NO
- VI. Documentation of Statement of Basis.  
  
The archives 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 Louis B. Harmon, Southeast District Engineering Supervisor, and completed on August 20, 2001. 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."



JIM GERINGER  
GOVERNOR



# Department of Environmental Quality

8-21-01  
Barb

250 Lincoln Street • Lander, Wyoming 82520-2848 • Fax (307) 332-7726

ABANDONED MINES  
(307) 332-5085

AIR QUALITY  
(307) 332-6755

LAND QUALITY  
(307) 332-3047

SOLID & HAZARDOUS WASTE  
(307) 332-6924

WATER QUALITY  
(307) 332-3144

## NOTIFICATION OF COVERAGE

August 20, 2001

Creed Law  
Elk Country Inn  
P.O. Box 575  
Jackson, Wyoming 83001

RE: Elk Country - Water and Sewer Mains  
Permit Number: 01-299R, PWS #WY5600213  
Teton County, NW1/4 Section 33, T41N, R116W

Dear Mr. Law:

The above application for coverage under General Permits to Construct an extension of a public water distribution system and the extension of a sewage collection system in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility which consists of 62 linear feet (LF) of 4 inch DIP and 140 LF of 2 inch PE water distribution mains and 317 LF of sewage collection mains and appurtenances, 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,  
*Mark Baron*  
Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

*Jeff Hermansky*  
Jeff Hermansky, P.E.  
Northwest District Engineer  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit for a Public Water System Extension,  
General Permit for a Sewage Collection System Extension



JIM GERINGER  
GOVERNOR



## Department of Environmental Quality

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WATER QUALITY  
(307) 332-3144

### NOTIFICATION OF COVERAGE

August 27, 2001

Charles W. Smith, Director/President  
Sargent Foundations  
P.O. Box 50581  
Casper, Wyoming 82605 - 0581

RE: New Hope Pet Cemetery - City of Worland Sewer Main Extension  
Permit Number: 01- 300  
Washakie County, SE 1/4 NW1/4 Section 26, T47N, R 93 O.S. W

Dear Mr. Smith:

The above application for coverage under General Permit to Construct an extension of a sewage collection system 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 which consists of 104 linear feet of 8 inch PVC and one manhole and appurtenances, in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

*Mark Baron*  
Mark Baron, E.I.T.  
Environmental Senior Analyst  
Water Quality Division

*Jeff Hermansky*  
Jeff Hermansky, P.E.  
Northwest District Engineer  
Water Quality Division

cc: IPS, Cheyenne  
encl: General Permit for a Sewage Collection System Extension