

# PERMIT TO CONSTRUCT

New  
- Renewal  
- Modified

PERMIT NO. 96-001  
SPECIAL CONDITIONS

## Afton School Bus Garage

This permit hereby authorizes the applicant:

Lincoln County School District #2  
P.O. Box 219  
Afton, WY 83110

to construct a small wastewater system according to the procedures and conditions of the application number 96-001. The facility is located in SE ¼ S24 T32N R119W in the county of Lincoln, in the State of Wyoming. This permit shall be effective for a period of two 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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 portion of personal rights, nor any infringement of federal, state or local laws or regulations.

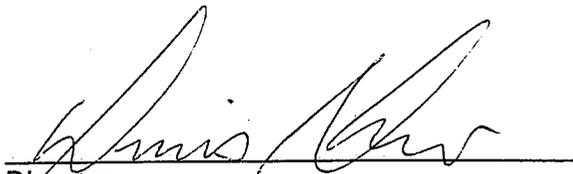
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander 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 a 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

1-16-96  
Date of Issuance

RRT:ks  
60194.ltr

cc: Lincoln County Planning, P.O. Box 414, Afton, WY 83110

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-001

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.

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. (Indicate the section number of the regulations and briefly summarize the regulation.)

Not Applicable

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

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 15.

- 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.)

Not Applicable

- 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 Randall Taylor, S.W. District Engineering Supervisor, and completed on 01/11/96. 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. 96-002  
SPECIAL CONDITIONS

## Lusk Sanitary Sewer Replacement Project

This permit hereby authorizes the applicant:

Town of Lusk, Wyoming  
P.O. Box 385  
Lusk, WY 82225

to modify a portion of the publicly owned collection system by replacing approximately 370 feet of collection line according to the procedures and conditions of the application number 96-002. The facility is located in SW 1/4 Section 8, T32N, R63W in the county of Niobrara, 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, 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, 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.

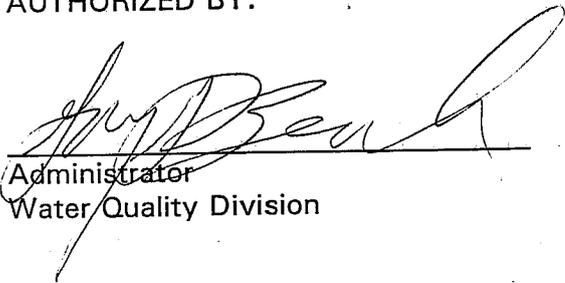
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

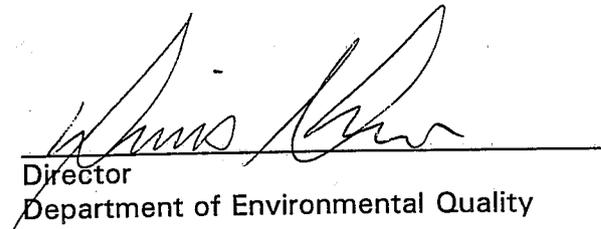
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Southeast District in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

1-8-96  
\_\_\_\_\_  
Date of Issuance

GLS:ks  
60061.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 96-002

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.

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. (Indicate the section number of the regulations and briefly summarize the regulation.)

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, 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

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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 15.

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.)

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 Gary Steele, Southeast District Engineer, and completed on January 4, 1996. 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."

51931.DOC

# PERMIT TO CONSTRUCT

x New  
Renewal  
Modified

PERMIT NO. 96-003  
SPECIAL CONDITIONS

## NEPECO septic tank and leach field

This permit hereby authorizes the applicant:

NEPECO Company, Gary Petrich, Owner  
243 West Main Street  
Byron, Wyoming 82412

to construct a septic tank and leach field system according to the procedures and conditions of the application number 96-003. The facility is located in the NE/4 of Sec. 26, T56N, R97W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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 violation 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

1-11-96  
\_\_\_\_\_  
Date of Issuance

MDR:ks  
60144.ltr

## STATEMENT OF BASIS

### General information.

A. Permit Number: 96-003

### 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.

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. 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 Michael D. Roberts, P. E., Northwest District Engineer, and completed on 9 January 1996. 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

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

February 5, 1996

Steven P. Gerber  
SonPower Engineering & Consulting Inc.  
105 North Fork Road  
Lander, Wyoming

RE: Breadboard Monitor Well Permit to Construct  
No. 96-004

Dear Steve:

As per the application status form received by the Lander office January 30, 1996, your application is considered inactive and is being returned since you have indicated that the information required by the owner was obtained while installing soil borings. The information obtained from these borings will be provided to the Department of Environmental Quality/Water Quality Division (DEQ/WQD) for their records. The owner does not wish to proceed with the permit to construct process.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and punishable with fines not to exceed \$10,000.00 per day of violation. If this project has already been constructed, it is your responsibility to immediately contact this office for further instruction. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter III, Water Quality Rules & Regulations, must be followed.

Sincerely,

A handwritten signature in cursive script that reads "Doug Gilmer".

Doug Gilmer, Hydrogeologist  
AUST/LAUST Program, Northwest District

DG:jm

xc: IPS, DEQ/WQD, Cheyenne  
file (2)

**From:** Doug Gilmer  
**To:** CHEYENNE(BBARNE)  
**Date:** 1/22/96 8:33am  
**Subject:** 96-004 -Reply

Steve Gerber has decided to withdraw this application (#96-004). As soon as we get the written notification I will forward it to you.

We will make sure we get the permitting process right the next time - we don't issue many permits through AUST/LAUST, so we're a little rusty.

Thanks!

# PERMIT TO CONSTRUCT

x New  
Renewal  
Modified

PERMIT NO. 96-004  
SPECIAL CONDITIONS  
REF/PERMIT #

## Breadboard Monitor Wells

This permit hereby authorizes the applicant:

Sam Dunlap  
P.O. Box 1863  
Lander, WY 82520

to install monitor wells and borings according to the procedures and conditions of the application number 96-004. The facility is located in NE ¼ Section 18, T33N, R100W in the county of Fremont, in the State of Wyoming. 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, 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, 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: State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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 attached permit conditions:

AUTHORIZED BY:

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Administrator  
Water Quality Division

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Director  
Department of Environmental Quality

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Date of Issuance

DG/jyi  
b/60244.ltr

## STATEMENT OF BASIS

### MONITOR WELL (LEAK DETECTION)

This statement of basis for Permit Number 96-004 is for the purpose of constructing a series of soil borings and monitor wells for an extent of contamination investigation at UST Facility ID #0-003830, Breadboard, Lander, Wyoming. The UST facility is a known contaminated site where five (5) tanks were removed in August, 1989. This work is being performed by the site owner, NOT at the request of the WDEQ AUST/LAUST Program. Therefore, the locations of boreholes and wells and the selection of analytical parameters, methods, and sampling frequency are not being directed by the WDEQ. The review of the application indicates that the proposed facility will be in compliance with applicable regulations identified in Chapter XI, Part G (Well Construction Standards). A well completion submittal report is required within 90 days of well completion.

Review of the application to determine groundwater impacts in accordance with Chapter III, Section 15, requires that the construction adhere to the standard conditions for groundwater monitor wells in the permit to construct. Furthermore, the monitor well is required to have a locked cap marked "monitor well" and "no fill" to prevent accidental contaminant discharge through the wellbore.

## 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 Doug Gilmer, P.G., Environmental Senior Analyst, and completed on January 11, 1996. 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."

## **ATTACHMENT I**

**The following conditions will be attached to all permits for the construction of monitoring well(s)/piezometer(s):**

- 1. 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. WDEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor well(s)/piezometer(s) and sample collection so that they may be on site if deemed necessary.**
- 3. The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).**
- 4. 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. 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.**
  - 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. Sampling procedures and sample preservation accomplished;**
    - iv. The date(s) analyses were performed;**
    - v. Names of individuals who performed the analyses;**
    - vi. The analytical techniques or methods used; and**
    - vii. The results of such analyses.**
    - viii. Monitor wells shall be sampled and the groundwater analyzed as indicated on the following table:**

WELL NAME OR NUMBER	SAMPLING FREQUENCY	ANALYTICAL METHOD(S)	PARAMETER(S) ANALYZED	PERMIT LIMIT*
Water collected from each soil boring and monitor well, per attached work plan.	One water sample per soil boring prior to abandonment ; one water sample from each well following well development.	EPA 8260	Benzene Toluene Ethylbenzene total Xylenes	0.005 1.0 0.7 10.0
		EPA 8015M	total TPH**  **TPH-DRO & TPH-GRO combined	10.0

\* 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. The results of these analyses shall be submitted to the Lander office at the following address [250 Lincoln Street, Lander, WY 82520] as soon as they are available.
7. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those well(s)/piezometer(s) prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to standard engineering practice.
8. **Field Documentation of Design, Construction and Installation of Monitoring Wells:**
  - a. The following information shall be documented during actual construction and installation of monitoring wells. The information shall be submitted to the Water Quality Division before or at the time of the first monitoring report.
    - i. Date/time of construction.
    - ii. Person developing information/other person(s) on site and their association to the project.
    - iii. Drilling method and if drilling fluid was used.
    - iv. Well location ( $\pm$  0.5 ft.).
    - v. Well depth ( $\pm$  0.1 ft.).
    - vi. Bore hole diameter and well casing diameter.
    - vii. Drilling and lithologic logs (including visual, olfactory and vapor detection observations). (See attached 'Borehole Installation Diagram').
    - viii. Casing material.
    - ix. Screen materials and design/location.
    - x. Casing and screen joint type.
    - xi. Screen slot size/length.
    - xii. Filter pack material/size, grain analysis.
    - xiii. Filter pack volume calculated/actually installed.
    - xiv. Filter pack placement method/location.

- xv. Sealant (annular space) materials.
- xvi. Sealant volume used.
- xvii. Sealant placement method/location.
- xviii. Surface seal design/construction.
- xix. Well development procedure used.
- xx. Type of protective well cap (top and bottom).
- xxi. Location of well number stamp or identification marking.
- xxii. Detailed 'as-built' construction drawing of well, including dimensions to all well features. (*See attached 'Monitor Well Installation Diagram'*)  
*NOTE: The detailed drawing(s) to be submitted must indicate all well features with relation to stratigraphic sections.*
- xxiii. Method of down hole equipment decontamination between wells.

- 9. All downhole equipment shall be de-contaminated between wells (borings) to minimize the potential for cross-contamination.
- 10. Borehole cuttings must be screened and disposed of properly. Any contaminated cuttings from soil borings that cannot be replaced in the boring from which they came must be disposed of at a site approved by the WDEQ's Solid and Hazardous Waste Management Division. No contaminated cuttings shall be placed in a boring that is to be completed as a monitoring well.
- 11. The monitoring well/piezometer shall be properly developed by the use of a pump or bailer so that representative groundwater samples can be collected.
- 12. Water which is collected during monitoring well/piezometer development or sampling must be disposed of properly. The Applicant must contact the City (or applicable owner) for authorization prior to disposal into a local storm sewer, sanitary sewer, wastewater treatment plant, or other facility.
- 13. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor well(s)/piezometer(s) shall be reported immediately to the Division. The wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
- 14. When PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues to hold the casing sections together.
- 15. In accordance with Section 13(a)(iv) of Chapter III of WDEQ/WQD rules and regulations, the following items relating to monitoring well/piezometer construction contained in Sections 64 - 69 of Part G of Chapter XI of WDEQ/WQD rules and regulations take precedence over permit application content and shall be implemented when the well(s)/piezometer(s) are constructed, installed and developed:
  - a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter.
  - b. For water table (unconfined) aquifers, the screened interval shall extend at least two (2) feet above the highest expected groundwater level and five (5) feet below the lowest expected water table. Monitoring well(s)/piezometer(s) installed in confined

and semi-confined aquifers shall be constructed in accordance with Chapter XI, Section 68 of Water Quality Division Rules and Regulations. Factory screen or slotted casing is recommended for the perforated interval.

- c. To minimize the entrance of fine grained material into the monitoring well/piezometer, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval. The filter pack shall extend to a minimum of one (1) foot above the screened interval.
  - d. Filter pack, annular seal, and surface seal material shall be entered into the monitoring well/piezometer in a manner such that no voids or bridging occur.
  - e. A minimum two (2) foot thickness of bentonite or bentonite grout is required at the top of the filter pack to serve as an annular seal. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal.
  - f. The annular space above the bentonite seal to within one foot (1') of the surface will be sealed with neat cement grout, sand-cement grout, bentonite, or concrete according to the specifications provided in WQD Chapter XI, Section 65(c)(i-viii).
  - g. A protective casing shall be cemented into place with the upper one (1) foot of the annular space completed in cement, forming a concrete apron sloping away from the monitoring well/piezometer.
  - h. A top and bottom cap of the same material as the monitoring well/piezometer casing shall be installed to prevent sediment and surface water from entering the monitoring well/piezometer.
16. Prior to sampling, monitoring well(s)/piezometer(s) shall be purged until a minimum of three (3) casing volumes have been removed, or until purged dry, whichever occurs first. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.
17. Within ninety (90) days of issuance of this permit, or completion of the installation and sampling of monitoring well(s)/piezometer(s) authorized by this permit, the Applicant shall submit to WDEQ/WQD a **Report of Investigation**. At a minimum, the **Report of Investigation** shall contain the following information:
- a. A chronology of events leading up to the investigation.
  - b. A site map which illustrates:
    - i. physical features (i.e. structures, utilities, etc.).
    - ii. monitoring well/piezometer/test pit/borehole locations.
    - iii. locations and use (i.e. domestic, irrigation, stock) of municipal drinking water and private groundwater supply wells existing within 1 mile of the site.
    - iv. surface waters.
    - v. existing treatment, recovery and containment systems.
  - c. Geohydrologic maps and cross sections that clearly describe the subsurface distribution of geologic materials and elevations of groundwater.

- d. **Depth to water and product thickness (if applicable) measurements.**
  - e. **Sample collection procedures utilized and analytical results.**
  - f. **A map delineating the extent of the subsurface contamination, including:**
    - i. **Location(s) and thickness(es) of contaminated soils.**
    - ii. **LNAPL (free product) thickness iso-contours (if applicable).**
    - iii. **Dissolved (in groundwater) contaminant iso-concentration maps.**
  - g. **A potentiometric surface map showing the direction and gradient of groundwater flow.**
  - h. **Interpretation of the data and summary conclusions of the investigation results.**
18. **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.**

DG/bb/60244.ltr

AS-BUILT  
PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-005  
SPECIAL CONDITIONS

Legerski Meats & Processing Blood Tank

This permit hereby authorizes the applicant:

Roman Legerski  
P. O. Box 951  
Sheridan, WY 82801

to have constructed, installed or modified a blood tank according to the procedures and conditions of the application number 96-005. The facility is located in the NW/4 of Section 20 of T57N, R84W in the county of Sheridan, 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, 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.

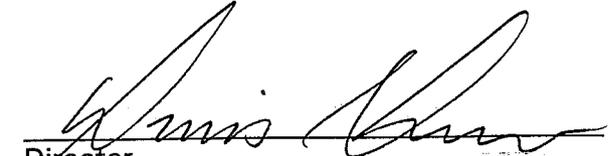
The permittee has constructed and shall operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or 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) The blood tank lid will be replaced in the spring of 1996 once weather conditions are favorable.
- 2) The blood tank will be annually tested for integrity. In the event the tank leaks the Sheridan DEQ office will be contacted and the tank repaired or replaced.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

1-25-96  
\_\_\_\_\_  
Date of Issuance

DRM/pr:01/09/06

b/60173.ltr

Enclosures: Statement of Basis

cc: Sheridan County Planning and Engineering Department

## STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 96-005
- 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.  
Yes - Facility approval based upon Section 5.
  - 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.  
Not Applicable (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 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

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 4000-gallon metal blood tank will be annually tested for integrity. In the event the tank leaks the DEQ will be contacted and the tank repaired or replaced.

- 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 Don McKenzie, District Engineer, and completed on January 8, 1996. 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."

DRM/bb/60173.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 15.

## LAND APPLICATION PERMIT

X New  
Renewal  
Modified

PERMIT NO. 96-006  
SPECIAL CONDITIONS

### Legerski Meats & Processing Land Application

This permit hereby authorizes the applicant:

Roman Legerski  
P. O. Box 951  
Sheridan, WY 82801

to land apply a blood and water waste material according to the procedures and conditions of the application number 96-006. The application site is located in the NW/4 of Section 20 T57N, R84W in the county of Sheridan, in the State of Wyoming. This permit shall be effective until January 31, 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 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.

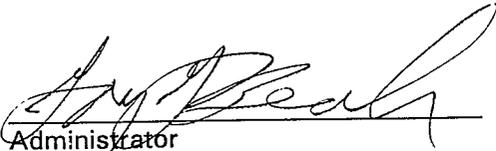
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

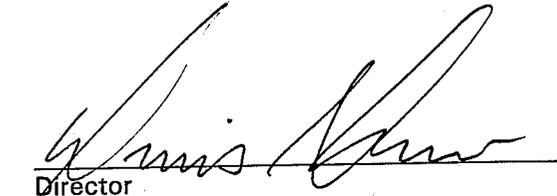
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 5      The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD, 1043 Coffeen Avenue, Suite D, Sheridan, WY 82801, (307)672-6457.
  
- 2 of 5      The permittee shall provide immediate oral and/or written notice to the DEQ/WQD Sheridan 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 keep on file the following land application information: amount of blood and water waste applied, the location of the applications and the dates of the applications.
- 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 The blood and water waste land 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

1-25-96  
\_\_\_\_\_  
Date of Issuance

DRM/pr:01/09/96

b/60174.ltr

cc: Sheridan County Planning & Engineering Department

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-006
- 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.  
Yes -Facility approval based upon Section 5.
- 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.  
Not Applicable (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 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)  
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:

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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 15.

The opportunity for direct or indirect discharge, percolation or filtration to groundwater is minimized by the relatively high dilution of the blood product (30%) with potable water (70%) and the uniform application of the blood and water waste onto grass pasture. The application of the waste enhances the quality of the soil because of nitrogen concentration and is, therefore, considered a beneficial use of a process by-product. Pasture runoff is not considered an issue for the two pasture sites identified in this application.

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 Don McKenzie, District Engineer, completed on January 8, 1996. 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."

DRM/bb/60174.ltr

## PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-007

### General Chemical Solid Waste Disposal Cell D '96 Raise

This permit hereby authorizes the applicant:

General Chemical Corporation  
P.O. Box 551  
Green River, WY 82935-0551

to modify the existing dike of Solid Waste Disposal Cell D by raising the cell dike 12 feet according to the procedures and conditions of the application number 96-007. The facility is located in NE 1/4 and SE 1/4, Sec 21, T19N, R109W in the county of Sweetwater, in the State of Wyoming. 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

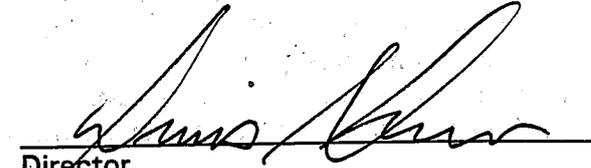
permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander 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 "Groundwater Pollution Control Program Review".

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/8/96  
\_\_\_\_\_  
Date of Issuance

KLE/mad 60635.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

January 30, 1996

Mr. Robert L. Hamilton  
General Chemical Corporation  
P.O. Box 551  
Green River, WY 82935-0551

**Re: Solid Waste Disposal Cell D '96 Raise  
Reference (Permit) Number 96-007  
Sweetwater County, Wyoming**

Dear Mr. Hamilton::

Please find attached a DEQ/WQD Groundwater Pollution Control (GPC) review form which authorizes Permit to Construct #96-007, for the 1996 Dike Raise of Solid Waste Cell D. The authorized permit is subject to a number of conditions.

Please contact me directly should you have any questions regarding this review and permit.

Sincerely,

*Keith L. Estenson*  
Keith L. Estenson  
Engineering Evaluator  
Water Quality Division

XC: File: General Chemical, Sweetwater  
1996 Southwest District Review Forms  
1996 Southwest District Running Record  
Chronological  
Application for Permit to Construct (3)  
Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne

enclosure: GPC Program Review Form

**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

**PROJECT:** FACILITY MODIFICATION (Replace P/L from total containment pond to pump house)

**APPLICANT:** Mr. Robert L. Hamilton  
General Chemical Corporation  
P.O. Box 551  
Green River, Wyoming 82935-0551

**ENGINEER/  
CONSULTANT:** Mr. David H. Scriven, P.E.  
Western States Mining Consultants, P.C.  
770 West Collins, Suite 200  
Casper, WY 82601

**WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER:** 96-007

EXISTING       NEW       AS BUILT

**TITLE:** Solid Waste Disposal Cell D '96 Raise  
 PLANS       SPECS       PROPOSAL       REPORT  
[Check all that APPLY]

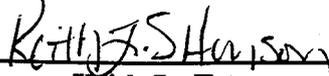
**DATE ON PROPOSAL/PLANS/REPORT:** Date stamped 1/9/96

**IS THIS PROPOSAL SUBMITTED PURSUANT TO:**

'CONDITIONS' TO ANY WQD PERMIT?  NO       YES [PERMIT #]

AN LOV, NOV OR OTHER ENFORCEMENT?  NO       YES [DATE]

**REVIEWING ENGINEER:**

  
\_\_\_\_\_  
Keith L. Estenson

**DATE OF THIS REVIEW:** January 30, 1996

**ACTION:** AUTHORIZED

## COMMENTS: GROUNDWATER SECTION

### 1.0 SUMMARY OF EXISTING CONTAMINATION:

Water quality concerns at General Chemical are currently under the jurisdiction of the Groundwater Pollution Control (GPC) program because of widespread groundwater contamination due to seepage of the process water containment ponds. The facility is located at the intersection of two arroyos. Seepage of the process water has created a perched aquifer at depths of 20 to 60 feet from surface. The perched aquifer is contained laterally within the arroyos. Recovery systems are in place in each of the arroyos downgradient from the facility to address downgradient migration.

### 2.0 CONCLUSION OF ADEQUACY OF WORK COMPLETED TO DATE:

A DEQ/WQD Application for Permit to Construct has been submitted complete with plans and specifications for the construction of a dike raise for the Solid Waste Cell D Reservoir. The application was reviewed to ensure that the minimum requirements are met as set forth in the WDEQ/WQD Rules and Regulations, Chapter XI, Section 30, and the GPC Program policies. Raising the dike will allow for increased storage capacity of Cell D.

Cell D is used to deposit insoluble mudstones and shales (tailings) from the soda ash processing plants. The tailings are transported to the cell in a slurry and deposited at multiple discharge points along the cell embankment. Water is removed from the cell through two decant structures and discharged into Pond 2.

The proposed project raises the dike 12 feet, and increases the cell capacity by 1440 acre-feet. The reservoir is designed to be completely filled with tailings material, and with no freeboard. The decant structures will be raised accordingly.

All exterior slopes are designed at 1:3 (vertical:horizontal) and interior slopes at 2:1. The slope design of the exterior slopes are acceptable. The slope design of the interior slopes are steeper than the DEQ standards. The standards do allow for a 2:1 slope when surfaced with riprap. Since the entire interior dike of the upstream embankment will be protected with geotextile, and since the decant structures are designed to essentially keep the cell drained, and since the slope construction was modelled, the 2:1 interior slope is acceptable.

Seepage at the facility is controlled by an interceptor trench located in the east drainage and interceptor wells located in the northeast drainage. Seepage intercepted by the systems is returned to Cell D. The calculated seepage of Cell D is 1.28 gpm. The report states that the current well interceptor system is operating at less than 25% capacity, and that any seepage generated from the Cell D modification would have little impact on the ability of the system to control the seepage.

Currently, 32 wells are monitored quarterly and analyzed for pH, TDS, total alkalinity, hardness, sodium, calcium, magnesium, chloride, sulfate, carbonate, and bicarbonate. The Black's Fork River is sampled for analyses monthly from two sites upstream, and two sites downstream, from the facility. The data is submitted semi-annually to WDEQ/WQD with piezometric surface and iso-concentration maps.

Review of Plans, Specifications, Proposals, Reports  
January 30, 1996  
Page 3

**3.0 REQUESTS/REQUIREMENTS/RECOMMENDATIONS:**

None.

**END OF REVIEW**

XC: File: General Chemical, Sweetwater  
1996 Southwest District Review Forms  
1996 Southwest District Running Record  
Chronological  
Application for Permit to Construct (3)  
Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne  
Alan Guile, DEQ/LQD, Lander

KLE: C:\FILES\WP\SITES\GENCHEM\96-007.REV

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-008  
SPECIAL CONDITIONS  
REF/PERMIT #

## Country Meadows Estates WWTP Equalization Basin

This permit hereby authorizes the applicant:

Country Meadow Estates Ltd  
4746 Skyline Drive, #39  
Laramie, WY 82070

to construct an expansion to the existing wastewater package treatment plant which includes a stabilization tank and pumps for the tank according to the procedures and conditions of the application number 96-008. The facility is located in NW 1/4 Section 12, T15N, R73W in the county of Albany, 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, 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, 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 the 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 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 The pumps shall have the ability of being removed without entering the equalization tank.
- 6 of 6 All electrical shall comply with the National Electrical Code as adopted and amended by the Wyoming Department of Fire Prevention and Electrical Safety.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

1-25-96  
\_\_\_\_\_  
Date of Issuance

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-008

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.

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. (Indicate the section number of the regulations and briefly summarize the regulation.)

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, 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

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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 15.

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

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 Gary Steele, Southeast District Engineer, and completed on January 18, 1996. 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

New  
 Renewal  
 Modified

PERMIT NO. 96-009  
SPECIAL CONDITIONS  
REF/PERMIT # 95-296

## Alpine Water Improvement Project - Water Storage Tanks

This permit hereby authorizes the applicant:

Town of Alpine  
P.O. Box 70  
Alpine, WY 83128

to construct a 500,000 gallon and a 250,000 gallon concrete storage tanks according to the procedures and conditions of the application number 96-009. The facility is located in NE ¼ S32 T37N R118W in the county of Lincoln, in the State of Wyoming. This permit shall be effective for a period of three 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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.

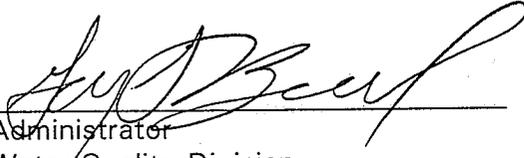
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

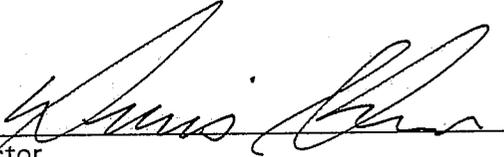
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

3/8/96  
\_\_\_\_\_  
Date of Issuance

RT:ks  
61062.ltr

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-009
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. 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 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.)
- Not Applicable
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- 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 15.

- 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.)

Not Applicable

- 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 Randall Taylor, S.W. District Engineering Supervisor, and completed on 01 March 1996. 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. 96-010  
SPECIAL CONDITIONS

## Saratoga Water Treatment Plant

This permit hereby authorizes the applicant:

Town of Saratoga - Carbon County Impact Joint Powers Board  
P.O. Box 486  
Saratoga, WY 82331

to construct, an expansion to the Saratoga Water Treatment Plant including the addition of a diatomaceous earth filter and piping according to the procedures and conditions of the application number 96-010. The facility is located in SE 1/4 Section 11, T17N, R84W in the county of Carbon, 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, 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, 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.

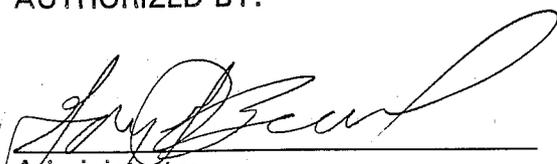
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

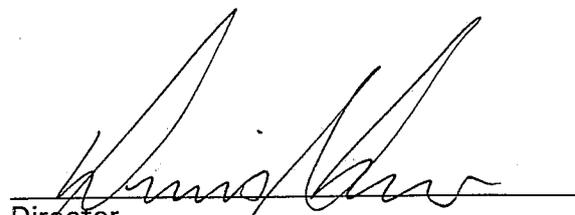
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

1-25-96  
\_\_\_\_\_  
Date of Issuance

GLS/mad 60332.LTR

## STATEMENT OF BASIS

I. General information.

A. Permit Number: 96-010

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

A. Chapter XI. No

B. Chapter XII. 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.

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.

Chapter XII Section 10(j)(vi) requires that a turbidimeter be on the filter effluent from each filter

B. Briefly state the basis for the deviation.

Each filter effluent line can be viewed through a looking glass and a turbid meter is on the effluent line from the plant. The plant has been operating with the turbidimeter on the plant effluent for many years and has not had a problem meeting turbidity requirements.

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).

- V. Application requires review to determine groundwater impacts in accordance with Section 15, 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. 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.)

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 Gary Steele, Southeast District Engineer, and completed on January 19, 1996. 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."

51931.DOC

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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 15.

# PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-011  
SPECIAL CONDITIONS

## COMFORT INN WATER MAIN EXTENSION

This permit hereby authorizes the applicant:

Town of Evansville  
Drawer 158  
Evansville, WY 82636  
Attention: Mayor Doyle Davidson

to construct, install or modify a water main according to the procedures and conditions of the application number 96-011. The facility is located in the NE/4 of the SW/4 of Section 1 T33N R79W in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of one (1) year 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, 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, 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: Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 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 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.

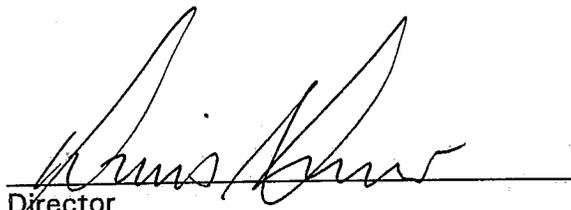
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Northeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

1-25-96  
\_\_\_\_\_  
Date of Issuance

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

DRM/pr:01/18/96  
b/60305.ltr

cc: John Hibsman, 135 North Ash, Casper, 82601  
Brad Shaffer, 200 Pronghorn, Casper, 82601

Enclosures: Notification Post Card, Certificate of Completion, Statement of Basis

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-011

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

A. Chapter XI. No

B. Chapter XII. 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 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.

Not Applicable (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 15, 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 Donald R. McKenzie, Northeast District Engineering Supervisor, and completed on January 18, 1996. 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."

DRM/bb/60305.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 15.

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-012  
SPECIAL CONDITIONS  
REF/PERMIT #92-048

## SAWSJPB Girls School Road Waterline Relocation

This permit hereby authorizes the applicant:

Sheridan Area Water Supply Joint Powers Board  
224 S. Main Street  
Sheridan, Wyoming 82801  
Attention: David Engels

to construct, install or modify waterlines according to the procedures and conditions of the application number 96-012. The facility is located in Sections 10, 15 and 22, Township 55 North, Range 84 West in the county of Sheridan, in the State of Wyoming. This permit shall be effective for a period of one (1) year 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, 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, 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: Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 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.

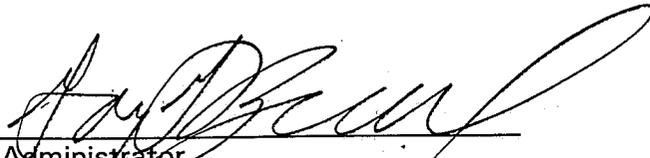
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

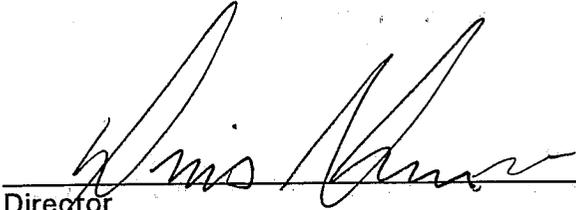
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

1-25-96  
\_\_\_\_\_  
Date of Issuance

BDM/pr: January 19, 1996

b/60343.ltr

cc: Joe Feeley, TSP Two, One S. Scott St., Sheridan, WY 82801  
Edith Johnson-LaMeres, City of Sheridan, P.O. Box 848, Sheridan, WY 82801

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-012

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

A. Chapter XI. No

B. Chapter XII. Yes, this project was originally approved under permit 92-048. The terms and conditions of that permit also apply to this permit.

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.

Chapter XII Section 14(c) requires a valve every 800 feet.

B. Briefly state the basis for the deviation.

The number of users is low. This division agrees that placing valves every 800 feet in this location would significantly increase project cost with small benefit realized. However, if the number of users on the system increases to a level which warrants additional valving, this division reserves the authority to require the system to be modified. This deviation was previously granted in permit 92-048.

- 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 15, Chapter III<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. 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.)

Not applicable

- 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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on January 19, 1996. 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."

BDM/bb/60343.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 15.

# PERMIT TO CONSTRUCT

Y  
New  
Renewal  
Modified

PERMIT NO. 96-013  
SPECIAL CONDITIONS

## SCHRYVER DOMESTIC SEPTIC SYSTEM

This permit hereby authorizes the applicant:

Darrell and Joanel Schryver  
P. O. Box 82  
Carlile, WY 82713

to construct, install or modify a domestic septic system according to the procedures and conditions of the application numbers 96-013. The facility is located in the SW/4 of Section 28 of T52N R66W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one (1) year 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, 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, 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: Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 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.

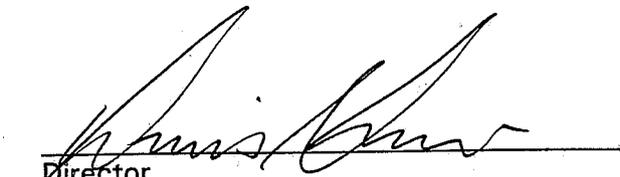
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Northeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

1-25-96  
\_\_\_\_\_  
Date of Issuance

DRM/pr:01/18/96  
b/60306.ltr

Enclosures: Notification Post Card  
Certificate of Completion  
Statement of Basis

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-013

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.

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. (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 (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 15, 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 Donald R. McKenzie, Northeast District Engineering Supervisor, and completed on January 18, 1996. 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."

DRM/bb/60306.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 15.

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-014  
SPECIAL CONDITIONS

## THUNDER BASIN MEATS, INC. SEPTIC SYSTEM

This permit hereby authorizes the applicant:

Edward and Julie Kyte  
733 New Haven Road  
Hulett, WY 82720

to construct, install or modify a septic system according to the procedures and conditions of the application number 96-014. The facility is located in the NE/4 of Section 26 of T55N R66W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one (1) year 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, 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, 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: Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 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.

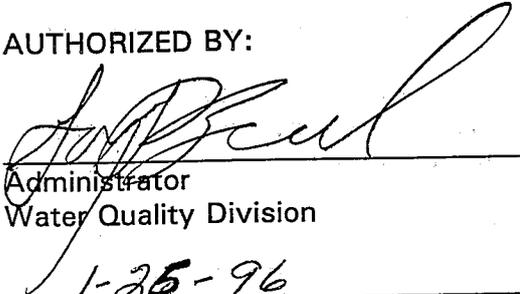
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 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.

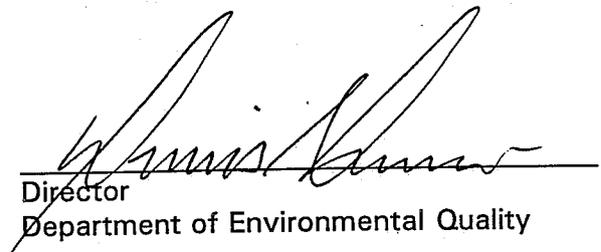
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Northeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

1-25-96  
\_\_\_\_\_  
Date of Issuance

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

DRM/pr:01/18/96

b/60344.ltr

Enclosures: Notification Post Card  
Certificate of Completion  
Statement of Basis

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-014

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.

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. (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 (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 15, 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 Donald R. McKenzie, Northeast District Engineering Supervisor, and completed on January 18, 1996. 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."

DRM/bb/60344.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 15.

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-015  
SPECIAL CONDITIONS  
REF/PERMIT #

RBF #2 & #3

This permit hereby authorizes the applicant:

City of Rawlins  
P.O. Box 953  
Rawlins, WY 82301

to construct, install or modify a 2,000 gallon holding tank for rinse water from bailing equipment and a septic system for domestic waste according to the procedures and conditions of the application number 96-015. The facility is located in SE 1/4 Section 34, T22N, R87W in the county of Carbon, 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, 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, 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.

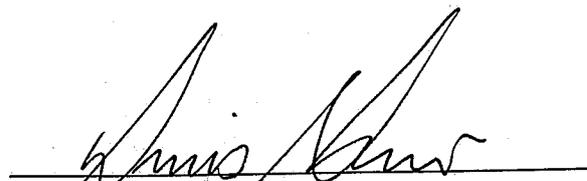
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2-9-96  
Date of Issuance

GLS:ks  
60671.ltr

## STATEMENT OF BASIS

General information.

A. Permit Number: Yes

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.

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. (Indicate the section number of the regulations and briefly summarize the regulation.)

N/A

B. Briefly state the basis for the deviation.

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).

- V. Application requires review to determine groundwater impacts in accordance with Section 15, 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. 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.)

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 Gary Steele, Southeast District Engineer, and completed on February 6, 1996. 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."

51931.DOC

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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 15.

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-016  
SPECIAL CONDITIONS  
REF/PERMIT #

Ave C Box Culvert, Utility Relocate: South Cheyenne W&S District

This permit hereby authorizes the applicant:

South Cheyenne Water & Sewer District  
215 East Allison Road  
Cheyenne, Wyoming 82007

to construct, install or modify a water main according to the procedures and conditions of the application number 96-016. The facility is located in section 17, T13N, R66W in the county of Laramie, 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, 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, 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.

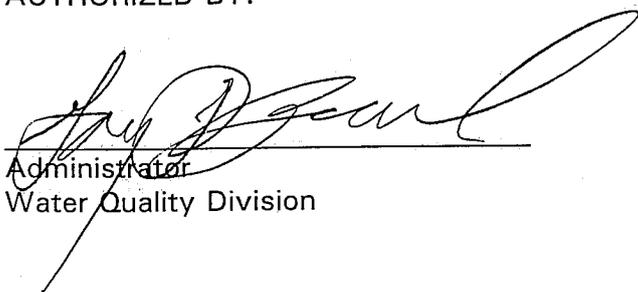
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

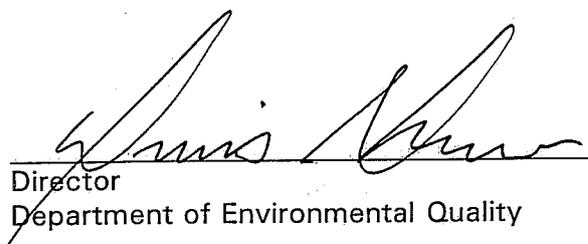
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 4. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 SE District office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the SE 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2-15-96  
\_\_\_\_\_  
Date of Issuance

RLE/bb/60776.ltr

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-016
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. 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 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.
- 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 15, Chapter III<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.

- 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 Ronald L. Ewald, Senior Analyst, and completed on February 14, 1996. 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/60776.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 15.

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 777-5616	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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September 2, 1997

Mr. Paul Fischer, Project Engineer  
Burns & McDonnell  
7400 East Caley Avenue, Suite 100  
Englewood, Colorado 80111

RE: City of Laramie Wastewater Treatment Plant Project; WY DEQ Ref. No. 96-534  
and Ref. No. 96-017; Permit to Construct

Dear Mr Fischer:

The plans and specifications for the construction of the City of Laramie Wastewater Treatment Plant Project were approved with conditions. Your letter of July 2, 1997 requested WDEQ's input and clarification on several issues concerning those conditions. The issues pertain mostly to the condition that follows:

The City of Laramie shall be responsible for taking the necessary steps to insure that the existing facility is properly abandoned and reclaimed. The plans for reclamation of the abandoned facility must comply with all Federal, State, and Local regulations. At a minimum, WDEQ/WQD shall require the following - whenever a wastewater treatment facility is abandoned:

- a. Lagoon ponds shall be drained to facilitate the drying of the remaining biosolids,
- b. Dried biosolids shall be properly disposed of in accordance with all pertinent Federal and State regulations and statutes,

Mr. Fischer  
September 2, 1997  
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- c. Obvious health problems or hazardous conditions shall be eliminated, and
- d. Conditions which would cause future environmental problems shall be corrected.

Normally, abandonment of an existing facility would be concurrent with construction of a replacement facility. The WDEQ policy concerning this issue is that a permit to construct for the new facility should not be issued unless the plans for reclamation of the abandoned site are satisfactory. In an effort to allow the project to proceed on schedule, the special condition was included in the permit to construct for the Phase II biosolids facilities. Mr Lou Harmon, SE District Supervisor, can be contacted directly for more information regarding abandonment and reclamation of the existing wastewater treatment plant. Mr. Harmon's number is (307) 777-7088.

The two specific issues, with regard to the special condition, in which input and clarification have been requested, pertain to 1) lagoon effluent discharge and 2) reclamation of the abandoned site.

The first issue with regard to discharge of effluent from the existing wastewater treatment plant through the I/P beds may be allowed, however; all terms, conditions, and limitations of the NPDES Permit must be met prior to discharge. Mr Todd Parfitt, Technical Support Supervisor, can be contacted directly for more information regarding the NPDES Permit. Mr. Parfitt's number is (307) 777-7082.

The second issue with regard to reclamation of the abandoned site and the requirements of items 2 (c.) and 2 (d.) can best be explained with some illustrative examples. Item 2 (c.) calls for elimination of obvious health problems or hazardous conditions. An example could include backfilling manholes, wet wells, and other deep holes or pits and also removing and proper disposal of chemical stores from the site. Item 2 (d.) calls for correction of conditions which could cause future environmental problems. An example could include reseeding disturbed areas subject to wind and water erosion. Other environmental problems that could develop as a result of, or during the reclamation proposed could include groundwater contamination.

It is the applicant's responsibility to demonstrate that a facility capable of causing or contributing to pollution poses no threat of discharge to groundwater. There is the potential that the integrity of the lagoon's clay liner will be sacrificed due to wet/dry

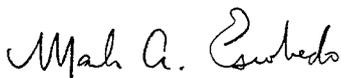
Mr. Fischer  
September 2, 1997  
Page 3

cycles or during agitation and drying of the biosolids. Seepage through the clay liner prior to removal of the existing biosolids could cause future environmental problems. Mr. Phil Stump, GPC Program Principal, can be contacted directly for more information regarding groundwater protection. Mr. Stump's number is (307) 777-5449.

I hope that this provides you with the input and clarification you were seeking. We too, are interested in arriving at an acceptable solution to the abandonment and reclamation of the existing wastewater treatment plant; a solution which is cost effective and satisfactorily meets WDEQ requirements.

Should you have any further questions regarding this matter please contact me at (307) 777-7077.

Sincerely,



Mark A. Escobedo  
Program Principal  
Water Quality Division

MAE/bb/72732.ltr

cc: James E. White, Burns & McDonnell, Englewood, CO  
Bob Brobst, EPA Region VIII  
Gary Beach, WDEQ  
Todd Parfitt, WDEQ  
Lou Harmon, SE District, WDEQ  
Phil Stump, WDEQ  
Bob Juve, City Engineer, City of Laramie  
Wes Bressler, Utility Director, City of Laramie  
SRF File



**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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May 30, 1996

Wes Bressler, Utilities Director  
City of Laramie  
406 Ivinson Street  
Laramie, Wyoming 82070

RE: City of Laramie Wastewater Treatment Plant Project; WY DEQ Ref. No. 96-017; Permit to Construct

Dear Mr Bressler:

The plans and specifications for the construction of the City of Laramie Wastewater Treatment Plant Project have been reviewed by the State of Wyoming Department of Environmental Quality. This office hereby approves the plans and specifications with conditions, and is enclosing a permit to construct. The conditions of the approval are as follows:

1. Water Quality Rules and Regulations, Chapter XII, Section 14, (i), Cross-connections; (i), Cross-connections; (D), Industrial connections; require that sewage treatment plant connections to the water system shall be provided with cross-connection protection of Reduced Pressure Principle Backflow Preventor. James E. White's letter dated May 16, 1996 indicates the connection to the potable water system will be changed to comply with the Chapter 12 regulations. The Double Check Valve is not permissible and shall be removed from the Plans and Specifications and replaced with the required reduced pressure principle backflow preventor.
2. Water Quality Rules and Regulations, Chapter XI, Part B, Section 9, Design of Sewers; (c), Collection Piping Design,...; (C), Slope; require sewers to be laid with minimum uniform slopes between manholes. The minimum slope in feet per 100 feet for a sewer size of 8 inches is 0.40 ft./100 ft.. The drain line was only intended to serve the buildings on the treatment site, however, the septage receiving facility has now been tied in at Manhole 8A. The intent of the minimum slope is to maintain a minimum velocity of 2.0 ft./second when flowing full. This is a brand new wastewater treatment plant.

There does not appear to be any constraints on the design of the line to preclude the use of minimum slopes. Therefore a deviation from the minimum slope requirements will not be granted.

3. Special Conditions to be included in, and made part of the Permit to Construct, which must be met prior to Initiation of Operations will include:
  - a. the facility plan must be completed,
  - b. the Permit to Construct for the biosolids facility must be obtained,
  - c. the EPA 503 land application permit must be obtained,
  - d. the WDEQ land application permit must be obtained,
  - e. the biosolids disposal facility construction must be completed, and
  - f. the Final Operation and Maintenance Manual must be approved.

This permit does not supersede the requirements for obtaining any permit from local or state agencies.

The procedures for submission and approval of modifications to the approved plans and specifications is the same as for the original set; i.e., five copies of any proposed modifications, together with an explanation of the reasons therefore should be forwarded to us. Unauthorized modifications of approved sets of plans and specifications may result in suspension of SRF participation in the project.

We are sending the approved plans and specifications for the referenced project which must be kept available at all times so that personnel from this office may have access to them during inspection activities.

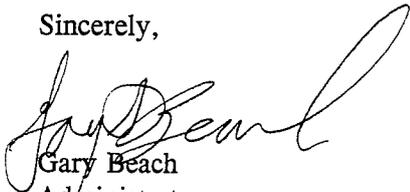
The following points should be brought to your attention at this time:

1. Contracts may not be awarded until authorization has been given by the Department of Environmental Quality (DEQ).
2. Prior DEQ approval is required for rejection of bids on any contract on this project.
3. Contact DEQ if any questions arise concerning MBE/WBE utilization on this project.

May 30, 1996  
Page 3

You are reminded to complete the enclosed checklist and the associated documentation now that bids have been opened. Following approval of the enclosed checklist and associated documentation by the State of Wyoming Department of Environmental Quality, you will be notified that the construction contract may be awarded.

Sincerely,



Gary Beach  
Administrator  
Water Quality Division

GB/MAE/ks  
62241.ltr

Enclosure

cc: James E. White, Burns & McDonnell, Englewood, CO (w/encl)  
Jeanne Stephen, SL&FLO  
Gary Steele, SE District, WDEQ  
SRF File

Date: \_\_\_\_\_

Project: Bid Documents for Review and Approval

From: \_\_\_\_\_ Loan No.: \_\_\_\_\_

One (1) set to: Water Quality Division  
Wyoming Department of Environmental Quality  
Herschler Building - 4th Floor  
125 West 25th Street  
Cheyenne, Wyoming 82002

The following documents are enclosed for review and approval prior to the awarding of the contracts:

- \_\_\_\_\_ Proof of advertising.
- \_\_\_\_\_ Tabulation of bids (CERTIFIED).
- \_\_\_\_\_ Recommendation of proposal recipient wishes to accept and contract amount.
- \_\_\_\_\_ One (1) lowest proposal for each schedule.
- \_\_\_\_\_ Bid bond of one (1) lowest bidder.
- \_\_\_\_\_ Certification on non-segregation of facilities.
- \_\_\_\_\_ MBE/WBE proposals for lowest proposal.
- \_\_\_\_\_ Current engineers estimate.

The proposals expire: date \_\_\_\_\_

For additional information contact:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone No.: \_\_\_\_\_

\_\_\_\_\_  
(signature of authorized representative)

\_\_\_\_\_  
(date)

# PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-017  
SPECIAL CONDITIONS

## City of Laramie Wastewater Treatment Facility

This permit hereby authorizes the applicant:

City of Laramie  
406 Ivinson Street  
Laramie, Wyoming 82070

to construct, install or modify City of Laramie Wastewater Treatment Facility according to the procedures and conditions of the application number 96-017. The facility is located in Section 20, SE and SW 1/4 Section; T16N, R73W in the county of Albany, in the State of Wyoming. 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, 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, 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: Program Supervisor, SRF Section, 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:

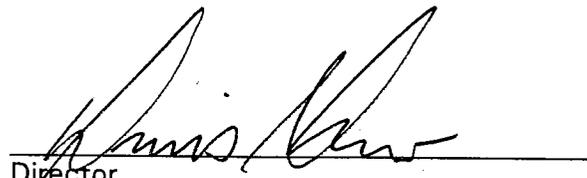
- 1 of 12 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 12 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 12 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 4 of 12 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 12 This permit requires compliance with Chapter XII, Section 14, (i), (i), (D); in which cross connection protection shall be provided with reduced pressure principle backflow preventors.
- 6 of 12 This permit requires compliance with Chapter XI, Part B, Section 9, (c), (C); which requires sewers to be laid with minimum uniform slopes between manholes.
- 7 of 12 This permit contains a waiver from the minimum velocity requirements of pressure sewers. Although the average design velocity in the influent line is less than the 2.5 feet/second minimum requirement, the line will be periodically flushed during higher flows. Design Engineer James E. White's experience has been that in large diameter lines, material does not accumulate nearly as fast as it would in smaller diameter forcemains at an equivalent velocity. The occasional accumulation of material in the line is relatively insignificant compared to the overall cross sectional area of the line and should not adversely affect the plant Hydraulics or process.
- 8 of 12 This permit contains a waiver from the minimum sizing requirements for the inlet structures for center feed clarifiers. Flocculating inlet wells have been provided in the design to enhance the efficiency of the clarifiers. Inclusion of the flocculating inlet well will improve the opportunity for agglomeration and should result in more even distribution of the solids in the clarifier.

PERMIT NO. 96-017

- 9 of 12 This permit contains a waiver from the maximum peak hourly weir overflow rate of 20,000 gpd per square foot. The design exceeds this maximum value. However, a launder baffle has been included in the design to dissipate some of the energy and deflect the density current back into the tank away from the weir. Results from clarifiers including a launder baffle have been favorable and indicate that a higher weir loading rate would not impair performance.
- 10 of 12 This permit contains a waiver from the minimum sizing requirements for scum baffles on the secondary clarifiers. The specified 12 inch deep scum baffle is a standard design which should effectively intercept scum or floating sludge prior to the weir overflow. Also, the use of a dual radius skimmer and a six foot high windwall around the clarifier should enhance scum collection and removal.
- 11 of 12 This permit contains a waiver from the requirement that pipe size shall not be decreased in the direction of flow. The 12-inch septage drain line ties into the building drain line, which is an 8-inch line, at MH 8A. The flow out of the septage unloading structure will be controlled with the use of a valve. The control valve will only be partially opened so that the septage drains slowly to the West Laramie Lift Station to eliminate slug loads to the treatment plant. This controlled flow should never exceed the capacity of the 8-inch building drain.
- 12 of 12 Special Conditions to be included in, and made part of the Permit to Construct, which must be met prior to Initiation of Operations will include:
- a. the facility plan must be completed,
  - b. the Permit to Construct for the biosolids facility must be obtained,
  - c. the EPA 503 land application permit must be obtained,
  - d. the WDEQ land application permit must be obtained,
  - e. the biosolids disposal facility construction must be completed, and
  - f. the Final Operation and Maintenance Manual must be approved.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

6-5-96  
\_\_\_\_\_  
Date of Issuance

MAE:ks  
62242.ltr

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-017
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. yes
- B. Chapter XII. 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 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.
- Chapter XI, Section 9.
- (c), (i), (E), requirement that pipe size shall not be decreased in the direction of flow;
- (c), (ii), (C), requires minimum velocity of 2.5 fps;

Chapter XI, Section 17.

(d), (i), requires the inlet structure, for center feed clarifiers, shall be at least 20% of the tank diameter;

(f), (iv), requires a maximum Peak Hourly Weir Overflow Rate of 20,000 gpd per square foot;

(g), requirement that scum baffles shall be three inches above weir level and twelve inches below the water surface;

B. Briefly state the basis for the deviation.

The 12-inch septage drain line ties into the building drain line, which is an 8-inch line, at MH 8A. The flow out of the septage unloading structure will be controlled with the use of a valve. The control valve will only be partially opened so that the septage drains slowly to the West Laramie Lift Station to eliminate slug loads to the treatment plant. This controlled flow should never exceed the capacity of the 8-inch building drain.

Although the average design velocity in the influent line is less than the 2.5 feet/second minimum requirement, the line will be periodically flushed during higher flows. Design Engineer James E. White's experience has been that in large diameter lines, material does not accumulate nearly as fast as it would in smaller diameter forcemain at an equivalent velocity. The occasional accumulation of material in the line is relatively insignificant compared to the overall cross sectional area of the line and should not adversely affect the plant hydraulics or process.

Flocculating inlet wells have been provided in the design to enhance the efficiency of the clarifiers. Inclusion of the flocculating inlet well will improve the opportunity for agglomeration and should result in more even distribution of the solids in the clarifier.

The design exceeds the maximum Peak Hourly Weir Overflow Rate. However, a launder baffle has been included in the design to dissipate some of the energy and deflect the density current back into the tank away from the weir. Results from clarifiers including a launder baffle have been favorable and indicate that a higher weir loading rate would not impair performance.

The specified 12-inch deep scum baffle is a standard design which should effectively intercept scum or floating sludge prior to weir overflow. Also, the use of a dual radius skimmer and a 6-foot high windwall around the clarifier should enhance scum collection and removal.

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).

NA

PERMIT NO. 96-017

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<sup>1</sup>.

NA

- 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.

#### 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 Escobedo, Program Principal, and completed on May 29, 1996. 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 15.

## LAND APPLICATION PERMIT

New  
 Renewal  
 Modified

PERMIT NO. 96-018  
SPECIAL CONDITIONS

### K N Gas Gathering - Douglas Plant

This permit hereby authorizes the applicant:

K N Gas Gathering  
P.O. Box 281304  
Lakewood, CO 80228

to land apply hydrocarbon contaminated soil according to the procedures and conditions of the application number 96-018. The application site is located in NE 1/4 Section 34 & NW 1/4 Section 35, T33N, R71W in the county of Converse, in the State of Wyoming. This permit shall be effective until November 1st, 1996.

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 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: Southeast District Office, Herschler Bldg., 4W, 122 W 25th Street, Cheyenne, WY 82002.
- 2 of 8 The permittee shall provide immediate oral and/or written notice to Southeast District 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 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 Southeast District 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 contaminated soil.
- 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 Contaminated soil application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 6 of 8 The contaminated soil shall not be applied just prior or after a precipitation event, nor shall the contaminated soil be applied to saturated or frozen ground.
- 7 of 8 The contaminated soil shall be applied at a maximum of a 4" lift over the entire road. The contaminated soil shall be incorporated into the roadbed surface.
- 8 of 8 The application site slope shall not exceed eight percent (8%) for vehicular application.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/8/96  
\_\_\_\_\_  
Date of Issuance

GLS/mad 60623.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-018
- 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), 10.6(1/18/91) address the statutory authority to regulate the road application of waste, establish the 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 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- 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 15.

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 contaminated soil onto the roadbed. Repeated application of the contaminated soil on the same section of the road will be monitored by roadbed analyses.

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 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.

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 Gary Steele, Southeast District Engineer and completed on January 29, 1996. 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

New  
Renewal  
 Modified - Change of Owner

PERMIT NO. 96-019  
SPECIAL CONDITIONS  
95-348, 94-021, 90-204, and 83-22

## Schaffer Reserve Pit

This permit hereby authorizes the applicant:

Wyoming Finance Company Inc., dba Piney Co.  
P.O. Box 133  
Evanston, WY 82931-0133

to construct a disposal pond according to the procedures and conditions of the application number 83-22. The facility is located in Section 21, Tract 43, T28N R113W in the county of Sublette, in the State of Wyoming. This permit shall be effective for a period of two 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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.

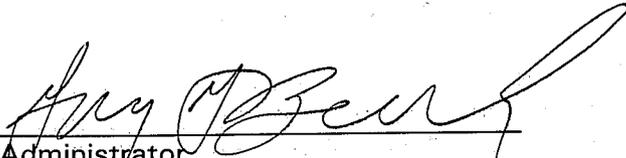
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

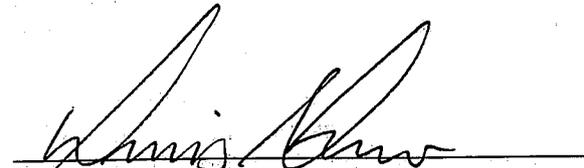
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 pond lining must be constructed a minimum of three (3) feet thick and be composed of material having a permeability no greater than  $4 \times 10^{-7}$  cm/sec. Prior to filling with fluid the liner shall be tested in-situ in at least three (3) locations by an independent soils lab. If the liner does not meet the above permeability criteria, it shall be reworked and re-tested until it meets with the criteria at all sites tested. Test locations and results must be submitted to DEQ/WQD.
- ~~2. of 5 Waste fluids from each new reserve pit handled shall be analyzed for the complete suite of Chapter VIII parameters. The results shall be reported to the Department of Environmental Quality on a regular basis.~~
3. of 5 A log must be kept with the following information: quantity of each load, name and location from where each load originated, the haulers company name, and the date of each load.
4. of 5 A DEQ/WQD accepted well monitoring system and program may be required as determined by DEQ/WQD personnel.
5. of 5 No hazardous waste as defined by the EPA or State of Wyoming may be placed in this pond.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

February 9, 1983  
Date of Issuance

RRT/bb/60434.ltr

PERMIT TRANSFER REQUEST

DATE: January 23, 1996

Water Quality Division  
Department of Environmental Quality  
122 West 25th Street  
Herschler Building  
Cheyenne, Wyoming 82002

To Whom It Concerns:

(Original Owner) WASTE, INC. intends to transfer ownership of the facility associated with Permit Number 95-348 to (New Owner) Wyoming Finance Co., Inc., DBA Piney Co. on (Date) January 23, 1996. It is requested that the said permit be transferred to the new owner in accordance with Section 10 (c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

The original owner shall retain responsibility for the facility according to the terms of the original permit until the application for permit transfer is approved by the Administrator.

Please transfer the permit to the transferee's name and issue a modified permit reflecting the transfer of ownership. Terms and conditions of the original permit are transferred to and become the responsibility of the new owner.

WASTE, INC.

WYOMING FINANCE COMPANY INC.,  
DBA PINEY CO.

*Garry Ellingsford* President  
Signature Original Owner

*Garry Ellingsford* President  
Signature New Owner  
WYOMING FINANCE COMPANY INC.,

Name WASTE, INC.

Name DBA PINEY CO.

Address P.O. Box 133

Address P.O. Box 133

Evanston, WY 82931-0133

Evanston, WY 82931-0133

Telephone 307-789-7585

Telephone 307-789-7585

96-019

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-020  
SPECIAL CONDITIONS

## Freedom Water Supply

This permit hereby authorizes the applicant:

Freedom Water and Sewer District  
c/o Dan Haderlie, President  
P.O. Box 252  
Freedom, WY 83120

to construct 0.40 MG concrete storage tank with associated piping, well pumphouse piping, and transmission/distribution system piping according to the procedures and conditions of the application number 96-020. The facility is located in T32N R119W in the county of Lincoln, in the State of Wyoming. This permit shall be effective for a period of three 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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.

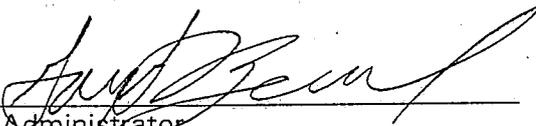
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander 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 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 shall be submitted to the DEQ/WQD S.W. District office in Lander and approved prior to placing the system into operation.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

3/8/96  
\_\_\_\_\_  
Date of Issuance

RT:ks 61063.ltr

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-020
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. 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 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.)
- Not Applicable
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- 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 15.

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.)

Not Applicable

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 Randall Taylor, S.W. Dist. Engineering Supervisor, and completed on 26 February 1996. 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. 96-021RR  
SPECIAL CONDITIONS

## Wold Trona, Total Containment Pond

This permit hereby authorizes the applicant:

Wold Trona Company  
139 West Second, Suite 200  
Casper, WY 82601

to construct a total containment pond reservoir that will hold plant site area run-off according to the procedures and conditions of the application number 96-021RR. The facility is located in NW¼ S14 T16N R109W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of three 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander 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 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 6 An "Operation and Maintenance" manual is required to be submitted and approved by the DEQ/WQD prior to placing the pond into operation. The manual shall be submitted to the Land Quality Division; 250 Lincoln St.; Lander, WY 82520; phone (307) 332-3144.
6. of 6 The leak observation pipe shall be monitored for the presence of fluid. For the first year after fluids are introduced to the pond the observation pipe shall be checked monthly, then quarterly after the first year. Records shall be kept by the Owner of all monitoring events and the presence or absence of fluid in the observation pipe. If fluid is present the S.W. District office of the DEQ/WQD shall be notified immediately.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

3-5-96  
\_\_\_\_\_  
Date of Issuance

RT/mad 60936.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-021RR
- 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.
- 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. (Indicate the section number of the regulations and briefly summarize the regulation.)
- Not Applicable
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- 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.)

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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 15.

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

Lined pond with leak detection system.

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

Not Applicable

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

Not Applicable

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:

Not Applicable

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:

Not Applicable

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.

Not Applicable

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.

The leak detection collection system will convey any leaking fluid to an observation pipe at the north end of the pond. A violation to the this permit will be the presence of fluid in the observation pipe, which would indicate a breach in the pond lining. Action to be taken will be liner repair.

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 Randall Taylor, SW Dist. Engineering Supervisor, and completed on 26 February 1996. 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

New  
 Renewal  
 Modified

PERMIT NO. 96-022  
SPECIAL CONDITIONS

### Project Number R-1996 Watermain Rehabilitation & Manhole Replacement

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities  
2100 Pioneer Avenue  
Cheyenne, WY 82001

to construct, watermain replacement at various locations which includes fire hydrants and appertances, and to replace an existing manhole according to the procedures and conditions of the application number 96-022. The facility is located in Sections 1,19,29,33, T13 & 14N, R66 & 69W, in the county of Laramie, 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, 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, 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 Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

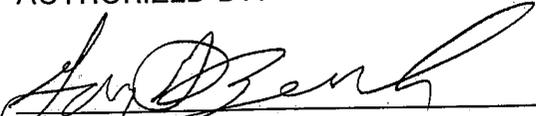
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

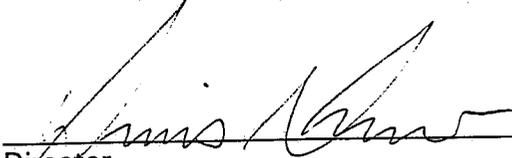
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/5/96  
\_\_\_\_\_  
Date of Issuance

GLS/mad 60550.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-022
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. 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 XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- Yes
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, 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. 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.)
- 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 15.

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 Gary Steele, Southeast District Engineer, and completed on January 30, 1996. 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."

51931.DOC

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-023  
SPECIAL CONDITIONS

## Lemburg Residence (Septic System)

This permit hereby authorizes the applicant:

Virgil Lemburg  
7005 Military Road  
Cheyenne, WY 82009

to construct a leachfield to replace an existing filter bed which has failed according to the procedures and conditions of the application number 96-023. The facility is located in Section 34, T14N, R67W in the county of Laramie, 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, 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, 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 Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 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 The permittee shall notify the Laramie County Environmental Health Division at least (2) days prior to installation of this system to arrange for required inspections. Inspection of the installed system is required prior to backfilling. Laramie County Environmental Health charges a fee for these inspection services. Their offices are located at 100 Central Ave, Cheyenne, Wyoming 82007; or they can be reached by phone at (307) 633-4090

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

11-21-96  
\_\_\_\_\_  
Date of Issuance

GLS/mad 60563.LTR

cc: Laramie County Environmental Health

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-023
- 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.
- 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. (Indicate the section number of the regulations and briefly summarize the regulation.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, 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

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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 15.

- 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.)

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 Gary Steele, Southeast District Engineer, and completed on January 30, 1996. 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

New  
 Renewal  
 Modified

PERMIT NO. 96-024  
SPECIAL CONDITIONS  
REF/PERMIT #

Virginia Meadows

This permit hereby authorizes the applicant:

Redco Enterprises  
1807 Capital Avenue  
Cheyenne, WY 82001

to construct an extension to the publicly owned distribution and collection systems according to the procedures and conditions of the application number 96-024. The facility is located in N 1/2 Section 19, T14N, R66W in the county of Laramie, 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, 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, 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.

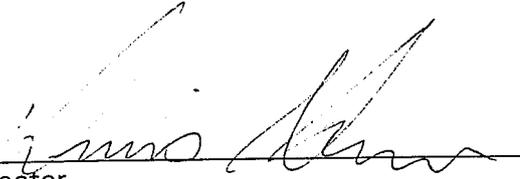
The permittee shall construct and operate the permitted facility in accordance with the state... representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/5/96  
\_\_\_\_\_  
Date of Issuance

GLS:ks  
60576.ltr

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-024
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. 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 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.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, 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

---

<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

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.)

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 Gary Steele, Southeast District Engineer, and completed on January 31, 1996. 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."

51931.DOC



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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January 30, 1996

Mr. Phillip Stuckert  
City of Casper  
200 North David  
Casper, WY 82601

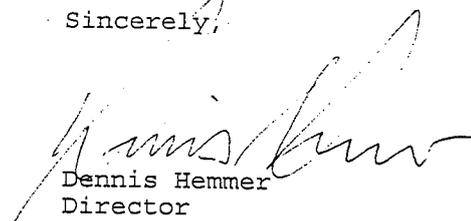
RE: As-Built Permit To Construct, WQD Reference Number 96-025

Dear Mr. Stuckert:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application submitted by your engineer, Steven F. Moldt, Inberg-Miller Engineers. 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 monitor wells which have already been constructed.

Please be advised that the monitor wells 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/DF/mad 60565.LTR  
Enclosure



AS-BUILT  
PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-025  
SPECIAL CONDITIONS

Dead Horse Hill/Coffman Avenue Drainage Study

This permit hereby authorizes the applicant:

City of Casper  
200 North David  
Casper, WY 82601

to have constructed, installed or modified monitor wells according to the procedures and conditions of the application number 96-025. The facility is located in NE¼, Sec 17, T33N, R79W in the county of Natrona, 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, 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.

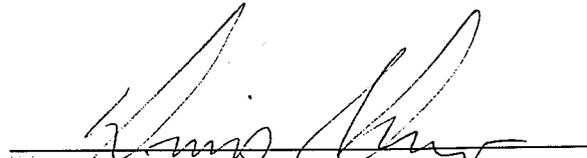
The permittee has constructed and shall operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or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

- I. After the monitoring wells 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 Highway Department requirements. No monitoring well shall be abandoned without prior approval from the Water Quality Division.
- II. The applicant is responsible for obtaining any Permits required by the State Engineer's Office (307-777-7354).

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/5/96  
\_\_\_\_\_  
Date of Issuance

DF/mad 60566.LTR

GROUNDWATER POLLUTION CONTROL PROGRAM  
REVIEW COMMENTS:  
PLANS/SPECIFICATIONS/PROPOSALS/REPORTS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
1043 COFFEEN AVENUE, SUITE D  
SHERIDAN, WYOMING 82801

PROJECT: SITE CHARACTERIZATION

FACILITY: Dead Horse Hill/Coffman Avenue Drainage

APPLICANT: City of Casper  
200 North David  
Casper, WY 82601

CONSULTANT: Steven F. Moldt  
Inberg-Miller Engineers  
1120 East "C" Street  
Casper, WY 82601

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 96-025

EXISTING  NEW  AS BUILT

TITLE: Dead Horse Hill/Coffman Avenue Drainage Study

PLANS  SPECS  PROPOSAL  REPORT

DATE ON PROPOSAL/PLANS/REPORT: 1/5/96

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

'CONDITIONS' TO ANY WQD PERMIT?  NO  YES

AN LOV, NOV OR OTHER ENFORCEMENT?  NO  YES

REVIEWING GEOLOGIST: Wm. Donald Fischer

DATE OF THIS REVIEW: 1/30/96

ACTION: AS-BUILT PERMIT TO CONSTRUCT NUMBER 96-025 AUTHORIZED

## COMMENTS: GROUNDWATER SECTION

### I. SUMMARY OF EXISTING CONTAMINATION:

1. There was no confirmed soil or groundwater contamination at this site for the parameters analyzed. Residences in the area of the investigation have been experiencing wet conditions in backyards and basements. The purpose of the investigation was to determine the source(s) of water seeping onto the private property.

### II. CONCLUSION OF ADEQUACY OF WORK COMPLETED TO DATE:

1. Seven monitor wells were installed at the site to monitor groundwater conditions. It was determined that there are three types of water bearing zones at the site: 1) Cody Formation unconfined aquifer; 2) Cody Formation confined aquifer; and 3) a Quaternary alluvium unconfined aquifer.

### III. REQUESTS/REQUIREMENTS/RECOMMENDATIONS:

1. If a interceptor drain is installed to de-water the aquifer, and discharged into a storm sewer, the operator shall contact the Water Quality Division/NPDES Program for permitting procedures (307-777-7781).

END OF REVIEW

DF/mad 60567.LTR

# PERMIT TO CONSTRUCT

x New  
Renewal  
Modified

PERMIT NO. 96-026  
SPECIAL CONDITIONS

## O Bar B Subdivision Sewer Line Extension

This permit hereby authorizes the applicant:

Michael E. Beauchemin  
P. O. Box 1316  
Jackson, Wyoming 83001

to construct approximately 1700 LF of eight inch diameter sewer line with man hole installations according to the procedures and conditions of the application number 96-026. The facility is located in the NE/4 of Sec. 20-T40N-R116W in the county of Teton, in the State of Wyoming. This permit shall be effective for a period of two 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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.

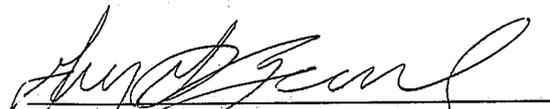
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

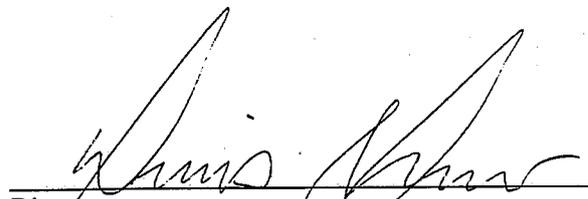
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2-15-96  
\_\_\_\_\_  
Date of Issuance

MDR/bb/60785.ltr

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-026

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.

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. 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 Michael D. Roberts, P. E., Northwest District Engineer, and completed on 14 February 1996. 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

XX New  
Renewal  
Modified

PERMIT NO. 96-027  
SPECIAL CONDITIONS  
REF/PERMIT #90-257

## MDU Resources Group, Inc. Deep Groundbed Cathodes

This permit hereby authorizes the applicant:

MDU Resources Group, Inc.  
400 North Fourth Street  
Bismarck, ND 58501  
Attn: Ed Williams

to construct, install or modify deep bed anode system according to the procedures and conditions of the application number 90-257 and 96-027. The facility is located in statewide, in the State of Wyoming. This permit shall be effective for a period of five 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, 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, 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: UIC Program 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:

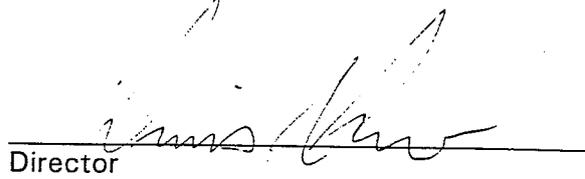
- 1 of 6. The cathodic protection deep anode bed shall be installed in accordance with the conditions of this permit and plans and specifications submitted in permit to construct application number 90-257 and 96-027.
- 2 of 6. After the deep anode beds have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 45 days after a well has been plugged and abandoned, the owner shall file a plugging record with WQD.
- 3 of 6. In addition to the anode bed construction information submitted with the permit application, the following items relating to construction shall be implemented when the anode beds are installed:
  - a. A seal of bentonite or bentonite grout is required from the surface to a minimum depth of 3 feet. A second bentonite or bentonite grout seal is required for a minimum thickness of 3 feet, just above the top of the coke breeze. After the bentonite has been placed in the hole, it shall be hydrated to insure an proper seal. The remainder of the hole between these seals may be backfilled with cuttings.
  - b. All aquifers encountered while drilling shall be isolated from one another using a bentonite seal of at least 2 feet in vertical dimension.
  - c. The coke breeze shall be a high quality product containing a minimum of leachable metals or organic pollutants. The coke breeze shall not discharge any pollutant which will cause a groundwater standards violation.
  - d. Surface access to the anode shall be kept sealed and locked at all times when the anode is not actually being serviced.
  - e. Each separate aquifer penetrated shall require a separate breather pipe. Each aquifer shall remain in hydrologic isolation from each other if they were isolated prior to installation.
- 4 of 6. Within 45 days after the anodes are installed, as-built construction plans shall be submitted to the DEQ/WQD, detailing how groundwater was protected during installation.
- 5 of 6. If it becomes necessary to wet any anode installed under this permit, only water from an approved public water supply shall be used unless DEQ/WQD is first supplied with an analyses of the water for approval. Waters that originate in sources other than an approved public water supply shall not be used unless first approved.

6 of 6.

An unlimited number of similar anodes may be installed under this permit. This authorization applies to MDU Resources Group, Inc.; Montana-Dakota Utilities Co.; Williston Basin Interstate Pipeline Co. and all subsidiary companies operating in Wyoming.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/5/96  
\_\_\_\_\_  
Date of Issuance

RFL/ks  
60573.ltr

cc: Dan Farmer, Montana-Dakota Utilities Co., 2605 2nd Avenue North, P.O. Box 2646, Billings, MT 59112-2546 and Tom Keys, Williston Basin Interstate Pipeline Co., 313 West Valentine, Glendive, MT 59330.

## STATEMENT OF BASIS

- I. Permit Number: 95-390
- 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.
- 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. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. This permit covers deep groundbed anodes statewide. It has been reviewed for general conformance with regulations found in Chapter XI, Part G covering construction of wells. There are no specific regulations covering deep groundbed anodes.
- V. Applicant Participation. The applicant has been provided with a draft permit for review prior to this permit being issued.

## 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 Robert F. Lucht, P.E. and P.G., UIC Program Supervisor and completed on January 26, 1996. 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

New  
 Renewal  
 Modified

PERMIT NO. 96-028  
SPECIAL CONDITIONS

### THUNDER BASIN MEAT, INC. BLOOD TANK

This permit hereby authorizes the applicant:

Ed and Julie Kyte  
733 New Haven Road  
Hulett, WY 82720

to construct, install or modify a blood tank according to the procedures and conditions of the application number 96-028. The facility is located in the NE/4 of Section 26 T55N R66W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one (1) year 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, 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, 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: Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 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 and

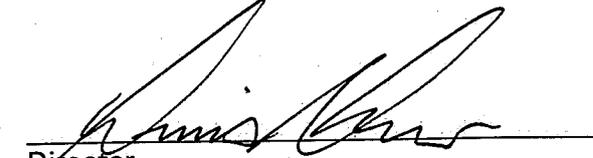
permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Northeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5 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 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 5 The blood tank will be annually tested for integrity. In the event the tank leaks, the Northeast District Office will be contacted and the tank repaired or replaced.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/8/96  
\_\_\_\_\_  
Date of Issuance

DRM/pr/mad 60636,LTR

Enclosure: Notification Post Card, Certificate of Completion, Statement of Basis

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-028
- 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.
- Not Applicable (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 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

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 1200-gallon plastic tank will be annually tested for integrity. In the event the tank leaks, the DEQ will be contacted and the tank repaired or replaced.

- 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 Donald R. McKenzie, Northeast District Engineer, and completed on February 2, 1996. 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."

51933.DOC

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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 15.

## LAND APPLICATION PERMIT

New  
 Renewal  
 Modified

PERMIT NO. 96-029  
SPECIAL CONDITIONS

### THUNDER BASIN MEAT, INC. LAND APPLICATION

This permit hereby authorizes the applicant:

Ed and Julie Kyte  
733 New Haven Road  
Hulett, WY 82720

to land apply blood and water waste material according to the procedures and conditions of the application number 96-029. The application site is located in the NW/4 of the NE/4 of the SW/4 of Section 23 T55N R66W in the county of Crook, in the State of Wyoming. This permit shall be effective until February 15, 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 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.

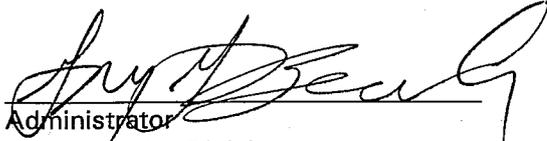
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD, 1043 Coffeen Avenue, Suite D, Sheridan, WY 82801, (307)672-6457.
- 2 of 5 The permittee shall provide immediate oral and/or written notice to the DEQ/WQD Sheridan 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 keep on file the following land application information: amount of blood and waste applied, the location of the applications, the frequency of the applications, and the dates of applications.
- 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 The blood and water waste land 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/8/96  
\_\_\_\_\_  
Date of Issuance

DRM/pr/mad 60637.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-029
- 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. The routine application of blood and water waste is requested by the applicant. The application of the waste onto grass pasture will result in soil enhancement. Any adverse affects could be resolved by modifying or eliminating the application.
- 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 (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 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- 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.)

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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 15.

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

The opportunity for direct or indirect discharge, percolation, filtration to groundwater is minimized by the relatively high dilution of the blood product (30%) with potable water (70%) and the uniform application of the blood and water waste onto grass pasture. The application of the waste enhances the quality of the soil because of the nitrogen concentration and is therefore considered a beneficial use of a process by-product. Pasture runoff is not considered an issue for the pasture site identified in this application.

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 Don McKenzie, District Engineer, completed on February 2, 1996. 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

New  
Renewal  
 Modified - Change of Owner

PERMIT NO. 96-030  
SPECIAL CONDITIONS  
95-348, 94-021, 90-204, and 83-22

## Schaffer Reserve Pit

This permit hereby authorizes the applicant:

Wyoming Finance Company Inc., dba Piney Co.  
P.O. Box 133  
Evanston, WY 82931-0133

to construct groundwater monitoring wells according to the procedures and conditions of the application number 94-021. The facility is located in SWSE Section 21, T28N R113W in the county of Sublette, in the State of Wyoming. This permit shall be effective for a period of two 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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 19 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division (DEQ/WQD), by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 19 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 19 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - A. Date that construction of the wells was completed; and
    1. Date that the wells were placed in operation; and
    2. Certification the wells were constructed in accordance with the terms and conditions of the permit; or
    3. Certification the wells were 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 19 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis."
- 5 of 19 The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 94-021. Additional monitoring wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD)).
- 6 of 19 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. A sufficient number of wells shall be installed to adequately define the groundwater gradient and extent of contamination, should contamination be encountered.
- 7 of 19 DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitoring wells and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.

8 of 19

Within sixty (60) days of completion of the issuance of this permit, a report of investigation shall be submitted to WQD. This report shall contain at a minimum:

- a. A chronology of events leading up to the investigation;
- b. A site map showing the physical features, monitoring well/borehole locations, and mean sea level elevations of the top of casing/measuring point;
- c. The permittee shall provide the exact latitude and longitude for each of the monitoring wells being constructed under this permit. These figures shall be accurate to the nearest one (1) second of latitude and longitude;
- d. Final location, construction details and lithologic logs of monitoring wells/boreholes;
- e. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geologic materials and groundwater occurrence;
- f. Depth to water and product thickness measurements;
- g. Sample collection procedures;
- h. Sampling analytical results;
- i. A map delineating the extent of the subsurface contamination including LNAPL (free product), soil and dissolved groundwater contamination and concentrations;
- j. A potentiometric surface map showing the direction and gradient of groundwater flow; and
- k. Interpretation of the data and conclusions of the investigation, including additional recommended investigation and remedial measures, and a schedule for implementation of these measures.

9 of 19

Groundwater shall be collected and analyzed for the parameters listed in the workplan on a quarterly basis. The results of these analyses shall be submitted to the Lander office by the last day of the month following the end of each quarter. The parameters and frequency of sampling may be re-evaluated by the DEQ/WQD, based on the results of the initial groundwater sampling and analyses.

10 of 19

Monitoring well construction must meet the requirements of Chapter XI, Wyoming Water Quality Rules and Regulations. Monitoring well casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells must be constructed from materials free of material having the potential to contaminate groundwater samples.

11 of 19

The applicant is responsible for obtaining any permits required by the State Engineer's Office (777-7354).

12 of 19

All downhole equipment shall be de-contaminated between monitoring wells (borings) to minimize the potential for cross-contamination.

13 of 19

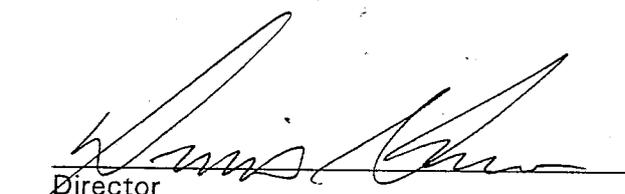
Borehole cuttings must be screened and disposed of properly. Contaminated cuttings must be disposed of at a site approved by the DEQ's Solid and Hazardous Waste Management Division.

- 14 of 19 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those monitoring wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
- 15 of 19 Monitoring well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitoring wells shall be reported immediately to the division. The monitoring wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
- 16 of 19 In addition to the monitoring well construction information submitted with the permit application, the following items relating to monitoring well construction shall be implemented when the monitoring wells are constructed, installed and developed:
- a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;
  - b. For water table (unconfined) aquifers, the screened interval shall extend at least two (2) feet above the highest expected groundwater level. Monitoring wells installed in confined and semi-confined aquifers shall be constructed in accordance with Chapter XI, Section 68 of Water Quality Division Rules and Regulations. Factory screen or slotted casing is required for the perforated interval.
  - c. When PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues;
  - d. To minimize the entrance of fine grained material into the monitoring well, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval. The filter pack shall extend to a minimum of one (1) foot above the screened interval;
  - e. Filter pack, annular seal, and surface seal material shall be entered into the monitoring well in a manner such that no voids or bridging occur;
  - f. A minimum two (2) foot thickness of bentonite or bentonite grout is required at the top of the filter pack to serve as an annular seal. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal;
  - g. The annular space above the bentonite seal to within one foot (1') of the surface will be sealed with Portland cement, sand-cement grout, or bentonite grout;
  - h. A protective casing shall be cemented into place when the upper one (1) foot of the annular space is completed with cement, forming a concrete apron sloping away from the monitoring well;
  - i. A top and bottom cap of the same material as the monitoring well casing shall be installed to prevent sediment and surface water from entering the monitoring well;
  - j. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected.

- 17 of 19 Proper monitoring well evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the monitoring well dry once, whichever occurs first. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.
- 18 of 19 Water which is collected during monitoring well development or sampling must be disposed of properly. The applicant must contact the city for authorization to dispose into the local storm sewer, sanitary sewer, wastewater treatment plant, or other facility.
- 19 of 19 After the monitoring wells 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 shall be abandoned without prior approval from the Water Quality Division.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

January 27, 1994.  
Date of Issuance

RRT/bb/60519.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-021

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

Statement of Basis  
94-021  
January 25, 1994

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*<sup>1</sup>

N/A

VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected.

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.

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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 15.

PERMIT TRANSFER REQUEST

DATE: January 23, 1996

Water Quality Division  
Department of Environmental Quality  
122 West 25th Street  
Herschler Building  
Cheyenne, Wyoming 82002

To Whom It Concerns:

(Original Owner) WASTE, INC. intends to transfer ownership of the facility associated with Permit Number 95-348 to (New Owner) Wyoming Finance Co., Inc., DBA Piney Co. on (Date) January 23, 1996. It is requested that the said permit be transferred to the new owner in accordance with Section 10 (c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

The original owner shall retain responsibility for the facility according to the terms of the original permit until the application for permit transfer is approved by the Administrator.

Please transfer the permit to the transferee's name and issue a modified permit reflecting the transfer of ownership. Terms and conditions of the original permit are transferred to and become the responsibility of the new owner.

WASTE, INC.

WYOMING FINANCE COMPANY INC.,  
DBA PINEY CO.

*Sammy Ellingsford* President  
Signature Original Owner

*Sammy Ellingsford* President  
Signature New Owner  
WYOMING FINANCE COMPANY INC.,

Name WASTE, INC.

Name DBA PINEY CO.

Address P.O. Box 133

Address P.O. Box 133

Evanston, WY 82931-0133

Evanston, WY 82931-0133

Telephone 307-789-7585

Telephone 307-789-7585

96-019

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-031  
SPECIAL CONDITIONS

## Town of Jackson Water Supply Project

This permit hereby authorizes the applicant:

Town of Jackson  
P. O. Box 1687  
Jackson, Wyoming 83001

to construct an improvement in the water distribution system consisting of approximately 15,400 LF of DIP water main extension along with appurtenances according to the procedures and conditions of the application number 96-031. The facility is located in the SW/4 of Sec. 36-T41N-R117W in the county of Teton, in the State of Wyoming. This permit shall be effective for a period of two 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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.

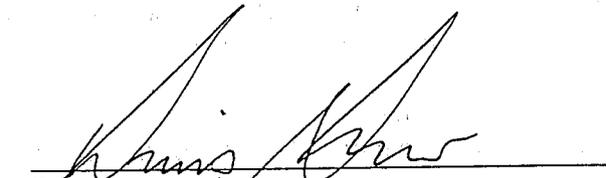
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2-9-96  
Date of Issuance

MDR:ks  
60698.ltr

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-031
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. 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 XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. 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 Michael D. Roberts, P. E., Northwest District Engineer, and completed on 7 February 1996. 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

New  
 Renewal  
 Modified

PERMIT NO. 96-032  
SPECIAL CONDITIONS

## 15th Street Reconstruction Project

This permit hereby authorizes the applicant:

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

to construct replacement of a portion of the publicly owned distribution system and collection system according to the procedures and conditions of the application number 96-032. The facility is located in Sections 6 & 31, T13 & 14N, R66W in the county of Laramie, 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, 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, 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 Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

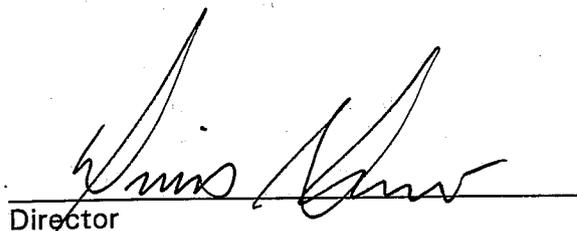
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 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 All crossings that are created where a water main is less than 18" above a sanitary, storm sewer line or storm sewer lateral shall have additional protection in accordance with Chapter XI. The additional protection can either be encasement of the water or sewer line or the sewer line can be constructed of water grade pipe at the crossing.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/8/96  
\_\_\_\_\_  
Date of Issuance

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-032
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. 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 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.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, 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. 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.)

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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 15.

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 Gary Steele, Southeast District Engineer, and completed on February 2, 1996. 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."

51931.DOC



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 777-5616	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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August 13, 1996

Laramie Co. School District # 2  
Attn. Charles A. Eberhard, Superintendent  
P.O. Box 368  
Pine Bluffs, Wyoming 82082

RE: Unauthorized modifications and additions to the septic system for the Carpenter School addition, permit number 96-033.

Dear Mr. Eberhard:

As I have discussed with you on a previous occasion, it has come to the attention of the Wyoming Department of Environmental Quality (DEQ)/Water Quality Division (WQD), that during construction of the septic system approved by permit number 96-033 unauthorized and unapproved changes and additions occurred. Upon inspection and discussions with your engineer the WQD has determined that these changes cannot be approved without issuing a modified permit with additional permit conditions. Therefore, in order to properly get these changes permitted, the following must be accomplished:

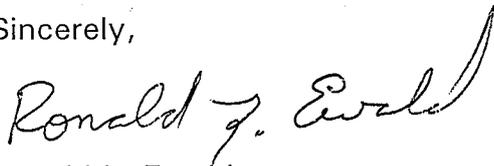
1. The school district must submit an application for a revised permit. This application must contain plans showing the actually constructed location of the septic system and leach field relative to the school addition, the location of the trailer and all connected wastewater piping, and the location of the new water well and connecting delivery piping. These revised plans must be stamped by a registered Professional Engineer in Wyoming.
2. The water/sewer crossing where the trailer sewer line crosses above the water well delivery line must be properly constructed. Details describing how this crossing is to be constructed shall be contained in the revised permit application. In order to be approved this crossing must either be constructed of upgraded materials, have secondary protection such as sleeving, or be designed with the sewer properly crossing under the water line. These details will be important to the approval or disapproval of the revised permit application. Also, do not cover this area as the final construction will have to be inspected and approved before being covered.

Mr. Eberhard  
August 13, 1996  
Page 2

If these items are satisfactorily met, then the WQD will be able to issue a revised permit which will contain the following additional permit condition; If the school population (students + teachers + other staff) is to go above 102 people, then the school district must first accomplish one of two options before this occurs. Option 1 - physically and permanently disconnect the trailer home from the system; or Option 2 - make application to the WQD to expand the septic system to allow for the additional loading. The WQD must be notified in writing when this situation is about to occur, and the school district must identify which option they intend to pursue. Please be advised that the septic system as built cannot be approved or accepted without these revisions being approved and permitted because the system as built does not comply with what was authorized by permit number 96-033.

A new blank application form is included with this letter for your convenience. If you should have any other questions, please call me at (307) 777-6183.

Sincerely,



Ronald L. Ewald  
Engineering Evaluator  
SE District, Water Quality Division

RLE/bb/63200.ltr

Enclosure: Blank Application Form

cc: Ronald D. Keenan, Keenan Consulting Group, 6901 So. Yosemite St.,  
Englewood, Colorado 80112  
Permit file number 96-033

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-033  
SPECIAL CONDITIONS  
REF/PERMIT #

## Carpenter School Addition - Septic System/leach Field

This permit hereby authorizes the applicant:

Laramie Co. School District #2  
P.O. Box 368  
Pine Bluffs, Wyoming 82082

to construct, install or modify a septic system and leach field according to the procedures and conditions of the application number 96-033. The facility is located in Section 31, T13N, R62W in the county of Laramie, 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, 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, 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 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 SE District office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 8. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the SE 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 8. Inspections - The permittee shall notify the Laramie County Environmental Health Division at least two (2) days prior to installation of this system to arrange for required inspections. Inspection of the installed system is required prior to backfilling. Laramie County Environmental Health charges a fee for these inspection services. Their offices are located at 100 Central Avenue, Cheyenne, Wyoming 82007; or they can be reached by phone at (307) 633-4090.
- 5 of 8. Septic Tank Configuration - The first septic tank (upstream east tank) **shall be a single compartment tank** so as to comply with Chapter XI, Section 39(a)(iii)(B) which requires that the first compartment of the system be at least 50 % of the total volume.
- 6 of 8. Septic Tank Risers - The manways on Vaughn Concrete Products septic tanks must be extended to the surface if six(6) inch diameter clean-out risers are not provided on each compartment.
- 7 of 8. Trenches and Pipe to be Level - All trench bottoms shall be constructed level and all distribution pipe shall be laid level to discourage the effluent from accumulating at the bottom end(north end) of the leach field.

8 of 8. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

  
\_\_\_\_\_  
Date of Issuance 3-29-96

RLE/bb/61505.ltr

cc: Laramie County Environmental Health Division

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-033
- 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.
- 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. (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 15, Chapter III<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.

- 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 Ronald L. Ewald, Senior Analyst, and completed on March 28, 1996. 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/61505.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 15.

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-034  
SPECIAL CONDITIONS

## Eddie Bauer R-500 retail store fire sprinkler supply line

This permit hereby authorizes the applicant:

Eddie Bauer, Inc.  
5000 148th Avenue NE  
Redmond, Washington 98052

to construct approximately 25 LF of 4 inch diameter ductile iron fire sprinkler water supply line according to the procedures and conditions of the application number 96-034. The facility is located in the NE/4 of Sec. 33-T41N-R116W in the county of Teton, in the State of Wyoming. This permit shall be effective for a period of two 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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.

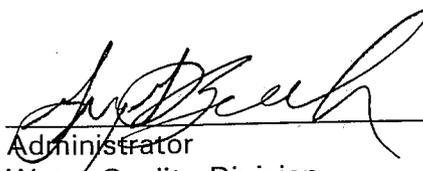
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

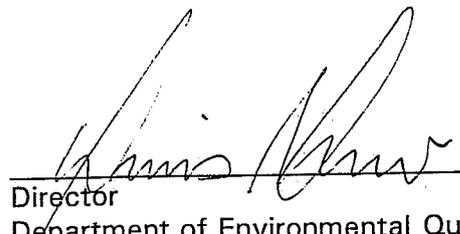
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/5/96  
\_\_\_\_\_  
Date of Issuance

MDR/bb/60617.ltr

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-034
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. 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 XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. 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 Michael D. Roberts, P. E., Northwest District Engineer, and completed on 1 February 1996. 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."

MDR/bb/60617.ltr

# PERMIT TO CONSTRUCT

PERMIT NO. 96-035R  
SPECIAL CONDITIONS

1 New  
Renewal  
Modified

Green River High School No. 1

This permit hereby authorizes the applicant:

Sweetwater County School District No. 2  
400 North First East  
Green River, Wyoming 82935

to construct the potable water lines, fire protection lines along with all necessary appurtenances, and the sanitary sewer associated with the construction of the new high school according to the procedures and conditions of the application number 96-035R. The facility is located in the NW/4 of Sec. 34, T18N, R107W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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.

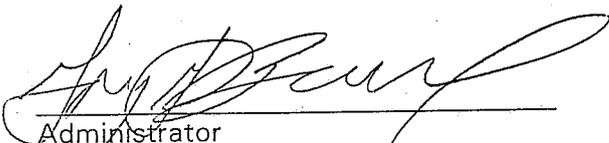
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander 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 a 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

3-15-96  
Date of Issuance

MDR/mad 61179.LTR

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-035R

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

A. Chapter XI. Yes

B. Chapter XII. 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 XI, or XII.

No

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

No

IV. 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 Michael D. Roberts, P. E., Northwest District Engineer, and completed on 12 March 1996. 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

New  
 Renewal  
 Modified

PERMIT NO. 96-036  
SPECIAL CONDITIONS  
REF/PERMIT #

## KROE Lane Waterline Extension

This permit hereby authorizes the applicant:

Larry's Inc.  
P.O. Box 7402  
Sheridan, Wyoming 82801  
Attn: John M. Skinner

to construct, install or modify a waterline according to the procedures and conditions of the application number 96-036. The facility is located in SE/4 of Section 26, Township 56 North, Range 84 West in the county of Sheridan, in the State of Wyoming. This permit shall be effective for a period of one (1) year 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, 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, 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: Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 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.

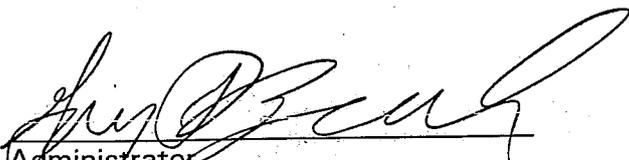
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2-27-96  
Date of Issuance

BDM/pr: February 21, 1996

b/60881.ltr

cc: Jim Willey, P.E., Mentock & Willey, 1030 N. Main St., #2 Taylor Pl., Sheridan, WY 82801  
Edith Johnson-LaMeres, P.E., City of Sheridan, P.O. Box 848, Sheridan, WY 82801

STATEMENT OF BASIS

I. General information.

A. Permit Number: 96-036

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

A. Chapter XI. No

B. Chapter XII. 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.

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.

Chapter XII Section 14.(c) requires valves every 800 feet to minimize sanitary hazards and inconvenience during repairs.

B. Briefly state the basis for the deviation.

Only one (1) service connection is planned for this waterline extension. Requiring an additional valve at this time will not significantly minimize sanitary hazards or inconveniences during repairs. Extension of the waterline is planned for the future. At that time, or as additional service connections are added to the waterline extension, DEQ/WOD reserves the right to require additional valves.

- 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).

No

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<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. 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.)

Not applicable

- 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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on February 21, 1996. 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."

BDM/bb/60881.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 15.

# PERMIT TO CONSTRUCT

New  
Renewal  
 Modified

PERMIT NO. 96-038  
SPECIAL CONDITIONS  
REF/PERMIT #95-371

## Campstool Interchange Sanitary Sewer

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities  
2100 Pioneer  
Cheyenne, WY 82001

to modify the above referenced approved permit to change the sizes of the sanitary sewer main from 18" & 24" to 15" & 18" respectfully according to the procedures and conditions of the application number 95-038. The facility is located in SE 1/4 Section 36, R66W & SW 1/4 Section 31 R65W, T14N in the county of Laramie, 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, 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, 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 Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 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 This permit modifies Permit to Construct 95-371 to reduce the size of the sanitary sewer lines from 18" and 24" to 15" and 18" respectfully. The reduction in pipe size is based upon revised estimates for total flow in a currently undeveloped area. This permit only modifies the sizes of the sewer main and all other design information and permit conditions approved under Permit to Construct 95-371 are to be adhered to.

6 of 6 The 18" sewer main between manholes 3 and 4 shall maintain a minimum slope of 0.12% as required by Chapter XI of the Water Quality Rules and Regulations.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

3-15-96  
Date of Issuance

GLS/bb/60740.ltr

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-038
- 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.
- 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. (Indicate the section number of the regulations and briefly summarize the regulation.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, 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

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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 15.

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.)

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 Gary Steele, Southeast District Engineer, and completed on February 9, 1996. 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."

GLS/bb/60740.ltr

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-039  
SPECIAL CONDITIONS

## Cheyenne Frontier Days (C Stand Sanitary Sewer)

This permit hereby authorizes the applicant:

Cheyenne Frontier Days, Inc.  
P.O. Box 2477  
Cheyenne, WY 82003

to construct an extension of the sewer collection system to connect the above referenced facility according to the procedures and conditions of the application number 96-039. The facility is located in NE 1/4 Section 25, T14N, R67W in the county of Laramie, 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, 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, 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 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2-23-96  
\_\_\_\_\_  
Date of Issuance

GLS/mad 60858.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-039
- 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.
- 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. (Indicate the section number of the regulations and briefly summarize the regulation.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, 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. 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.)

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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 15.

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 Gary Steele, Southeast District Engineer, and completed on February 21, 1996. 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."

51931.DOC

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-040  
SPECIAL CONDITIONS  
REF/PERMIT #

## Sheridan Coffeen Plaza Subdivision Water and Sewer

This permit hereby authorizes the applicant:

Larry Warren  
1320 Coffeen Avenue  
Sheridan, WY 82801

to construct, install or modify a sanitary sewer and waterline according to the procedures and conditions of the application number 96-040. The facility is located in N/2 of Section 35, Township 56 North, Range 84 West in the county of Sheridan, in the State of Wyoming. This permit shall be effective for a period of five (5) 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, 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, 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: Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 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 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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:

\_\_\_\_\_  
Administrator  
Water Quality Division

\_\_\_\_\_  
Director  
Department of Environmental Quality

1-6-97  
\_\_\_\_\_  
Date of Issuance

BDM/pr: December 31, 1996  
b/64897.ltr

cc: Tom Barker, P.E., CERl, 237 N. Main, Suite 1, Sheridan, WY 82801

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-040

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

A. Chapter XI. Yes

B. Chapter XII. 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.

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.

Wyoming Water Quality Rules and Regulations Chapter XII Section 7.(c)(I) requires a profile view for all waterlines.

B. Briefly state the basis for the deviation.

The waterline portion of the project is recommended for AS-BUILT approval. No profile view is available for the existing waterline. A City of Sheridan permit calls out two (2) waterline depths at 6.5 feet and 7 feet. A hydraulic analysis has been completed which indicates the existing line meets minimum requirements for flow and pressure. The applicant has agreed to document waterline location and depth when water services are provided to each lot.

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 (N/A)

V. Application requires review to determine groundwater impacts in accordance with Section 15, 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. 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.)

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 Brian D. Mark, Senior Environmental Analyst, and completed on December 31, 1996. 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."

BDM/bb/64897.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 15.



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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February 5, 1999

Mr. Paul Taylor  
Conoco Inc.  
600 North Dairy Ashford (77079-6651)  
P.O. Box 2197  
Houston, TX 77252-2197

**Re: As-Built WQD Permit No. 96-041  
As-built Approval of Interim Product Collection  
and Treatment System & Alluvial LNAPL Recovery Wells  
Glenrock Oil Seep, Glenrock, WY**

Dear Mr. Taylor:

I am writing this letter in regards to the referenced permit. The Wyoming Department of Environmental Quality, Water Quality Division (WDEQ/WQD) is issuing an As-Built Permit to Construct for the referenced remediation system. Comments and requirements are summarized on the enclosed Groundwater Pollution Control (GPC) Program Review Form.

Please contact me directly should you have any questions.

Sincerely,

*Phillip Stump*  
Phillip Stump, P.E.  
Program Principal  
Water Quality Division

PS/mad 90341.ltr

enclosures: GPC Program Review Form

xc: Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne  
James M. Kerr, SECOR  
Jerry Breed, SHWD/Cheyenne

**GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS**  
**WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**WATER QUALITY DIVISION**

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

**PROJECT:** Glenrock Oil Seep

**APPLICANT:** Mr. Paul Taylor  
Conoco Inc.  
600 North Dairy Ashford (77079-6651)  
P.O. Box 2197  
Houston, TX 77252-2197

**APPLICANT'S  
CONSULTANT:** James M. Kerr  
Project Manager  
Science & Engineering Analysis Corporation  
355 Union Boulevard, Suite 200  
Lakewood, CO 80228-1500  
(303) 763-8800  
FAX: 763-8844

**WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER:** 96-041

**TITLE:** As-Built WQD Permit No. 96-041 Application

PROPOSAL     PLANS     REPORTS

**DATE ON PROPOSAL/PLANS/LETTERS:**

**IS THIS PROPOSAL SUBMITTED PURSUANT TO:**

'CONDITIONS' TO ANY WDEQ/WQD PERMIT? NO  YES

AN LOV, NOV OR OTHER ENFORCEMENT? NO  YES  EPA Order

(CWA-OPA-VIII-94-05)

**REVIEWER:** Phillip Stump, Program Principal

**DATE OF LAST REVIEW:** February 9, 1996

**DATE OF THIS REVIEW:** February 5, 1999

**ACTION:** As-Built Permit to Construct Authorized

## COMMENTS: GROUNDWATER SECTION

### I. SUMMARY OF EXISTING CONTAMINATION

The site characterization information completed by the USEPA Region VIII Emergency Response Branch and Conoco is summarized in the previously submitted reports.

### II. CONCLUSION OF ADEQUACY OF WORK COMPLETED TO DATE:

The completed corrective action system(s) and site investigation work has been assigned to the following WDEQ/WQD permits:

- A. As-Built WQD Permit No. 96-041: Interim Product Collection and Treatment System and Alluvial LNAPL Recovery Wells (i.e., cut-off wall, recovery wells and sumps at river, groundwater treatment system, monitoring wells along interceptor wall, additional EPA-TAT monitoring wells, and three recovery wells in the upgradient alluvial system);
- B. WQD Permit No. 94-570: 22 piezometers installed at Brubaker Property Boundary by Conoco Inc. (PZ-1 through PZ-22), piezometers installed on V1 Oil, along the railroad, and on Brubaker's property (V-PZ-1 through V-PZ-23, G-PZ-1 through G-PZ-3, G-MW-1, B-PZ-23 through B-PZ-36, and B-MW-18 through B-MW-27). Conoco also installed piezometers during the Phase 3 Investigation in the bedrock (Fox Hills Formation) on and around the former Conoco Refinery (presently Madden property). Additional piezometers were installed for the Phase 3 Investigation by Conoco at and near Platte Station, on Conoco property south of the Platte Station, and on the Hall property west of Platte Station.

The following permit application materials (WQD Permit No. 96-041) have been submitted to Wyoming Department of Environmental Quality, Water Quality Division (WDEQ/WQD) for permitting the Interim Product Collection and Treatment System and Alluvial LNAPL Recovery Wells:

- 1) Transmittal of Health and Safety Plan (SECORP, November 14, 1994).
- 2) Operation and Maintenance Manual - Volume II of II, Interim Production Collection and Treatment System (SECOR, March 22, 1996) and (International Technology Corporation, September 1994)
- 3) Transmittal of Wyoming Permit to Construct, Interim Product Collection & Treatment System (Conoco Inc., April 26, 1996, ).
- 4) Transmittal Addendum to WYDEQ Permit to Construct, Alluvial LNAPL Extraction Wells, CWA-OPA-VIII-94-05 (SECORP, February 28, 1997).
- 5) Draft Operation and Maintenance Manual - Volume I of II, Interim Production Collection and Treatment System, (SECOR, March 22, 1996) and (International Technology Corporation, September 1994)

AS-BUILT  
PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-041  
SPECIAL CONDITIONS

Interim Product Collection and Treatment System  
and  
Alluvial LNAPL Recovery Wells

This permit hereby authorizes the applicant:

Conoco Inc.  
600 North Dairy Ashford  
P.O. Box 2197  
Houston, TX 77252-2197

to have constructed, installed or modified Interim Product Collection and Treatment System & Alluvial LNAPL Recovery Wells according to the procedures and conditions of the application number 96-041. The facility is located in T34N, R75W, S32, SW1/4 in the county of Converse, 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 their construction or operation of the entire 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.

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 a portion of the facility and shall operate the entire 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:

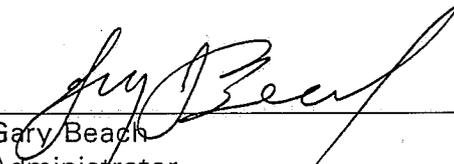
- 1.of 8        The interim product collection (IPC) and treatment system consists of a cutoff wall, five recovery wells, and a groundwater treatment system. The 600 ft. HDPE cutoff wall is installed about 50 feet south of the North Platte River to a depth of about 16 feet below the ground surface. The bottom of the cutoff wall is completed in the alluvium and did not reach to the bedrock. Five recovery wells are located upgradient of the cutoff wall with groundwater extraction and skimmer pumps which discharge to the treatment system. The treatment system which has an influent treatment capacity of about 60 g.p.m. treats the groundwater to below the discharge limitations of NPDES Permit number (WY-003577) for discharge into the North Platte River. The three alluvial LNAPL recovery wells are located upgradient of the IPC in the alluvium and discharge to the treatment system. The cones of influence of the LNAPL wells intercept the preferred pathway for LNAPL migration in old channel deposits.
- 2.of 8        The final O&M shall be submitted 90 days following the receipt of WDEQ's and EPA's comments on the draft O&M. Two copies of the final Operation and Maintenance Manual, Volume I, shall be submitted to WDEQ. As-built drawings of the any future modifications to the IPC and treatment system and alluvial LNAPL recovery wells shall be submitted with future revisions to the O&M Manuals. Volume II need not be resubmitted, but addendums of future modifications shall be submitted.
- 3.of 8        Conoco, Inc. shall continuously operate the Interim Product Collection (IPC) and Treatment System and Alluvial LNAPL Recovery Wells and needs to obtain pre-authorization from WDEQ prior to the system being turned off for reasons other than for shutdowns less than 3 day caused by routine maintenance, emergencies, and power outages. The operations of individual IPC and Alluvial Recovery wells can be turned off without pre-authorization as described in Conditions No. 4. and 5. below. When a system shutdown over 24 hours occurs, Conoco shall document the reason for the shutdown and the actions taken to restart the system, and include the documentation within the operation and maintenance reports. Conoco shall also notify WDEQ verbally and provide completed O&M form sheets within three working days following the shutdown.
- 4.of 8        The groundwater pumping shall maintain approximately 1 foot of water drawdown in each active IPC recovery well. High water table elevations caused by high stage levels in the North Platte River may preclude the recovery of free product. During periods when the recovery well product layer does not exceed 1 inch (0.083 feet) after one or two weeks of well operation, the recovery operations (i.e., groundwater and free product) in recovery wells RW-1, RW-2, and RW-4 can be turned off. During the periods of less than 1 inch (0.083 feet) thickness of product, the groundwater pumping shall be constantly maintained at adequate recovery rates in RW-3 and/or RW-5 to provide for the containment of LNAPL at the east end of the wall. The recovery operations shall be reactivated when weekly liquid level monitoring detects the accumulation of free product at a recoverable thickness. The skimmers shall be operated to maintain approximately 1 inch (.083 feet) or less of free product thickness within the active IPC recovery wells.
- 5.of 8        The recovery of free product in each alluvial LNAPL recovery well shall be operated to provide free product containment in the alluvium and to enhance free product recovery. High water table elevations caused by rising stage levels in the North Platte River may preclude the recovery of free product and cause the groundwater gradient to be nearly parallel to the river. During periods when the recovery well product layer does not exceed 1 inch (0.083 feet) after one or two weeks of well operation, the recovery operations can be turned off in a recovery

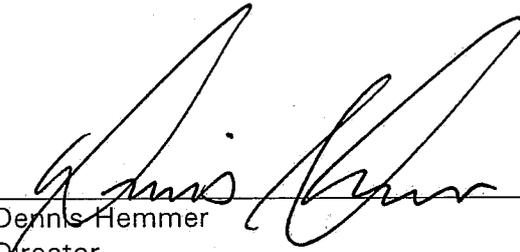
well. The recovery operations shall be reactivated when weekly liquid level monitoring detects the accumulation of free product at a recoverable thickness. The skimmers shall be operated to maintain approximately 1 inch (0.083 feet) or less of free product thickness within the active recovery wells. The groundwater modeling performed by the USEPA indicated that all three alluvial LNAPL recovery wells which includes the operation of V-RW-1 is required to provide free product containment in the alluvium. If Conoco proposes not to operate any one of the three alluvial LNAPL recovery wells, hydrogeologic data shall be provided to WDEQ in a summary report to confirm that the cone of influences of the remaining alluvial recovery wells is adequate to contain the migration of free product.

- 6.of 8 Conoco shall maintain free product capture operations at the cutoff wall and the upgradient alluvial recovery operations as described in Condition No. 4 and 5. If the migration of free product to the North Platte River is detected in the future by the monitoring activities described in **Section 3.2 Product Capture and Containment** in the O&M Manual, Volume I of II; Conoco shall propose modifications to the recovery system to insure the effectiveness of the barrier.
- 7.of 8 Conoco, Inc. shall perform operational maintenance, monitoring and recovery activities as described in Table 1. of the O&M Manual, Volume I of II and as described below:
- a. Monitoring Wells
    - i. Weekly monitoring of liquid levels in MW-01, MW-02, MW-04, MW-10 thru MW-13, MW-15, and MW-17 and the following other monitoring wells in the alluvium to evaluate the effectiveness of free product containment and recovery: B-MW-18, B-MW-24 thru B-MW-27; B-PZ-28, B-PZ-29, B-PZ-31 thru B-PZ-33, B-PZ-39 thru B-PZ-43; H-PZ-4, PZ-4, PZ-5, PZ-7, PZ-8, PZ-9, PZ-22, V-PZ-1, V-PZ-2, V-PZ-3, V-PZ-9, V-PZ-10, V-PZ-24 thru V-PZ-27.
    - ii. Quarterly groundwater sampling & analysis, and product removal when over 1 inch of product is measured in MW-2, MW-4, MW-10 thru MW-13.
  - b. Recovery Wells
    - i. Weekly monitoring of liquid levels in RS-1 thru RS-4, RW-1 thru RW-5, B-RW-7, B-RW-6, and V-RW-1.
    - ii. Weekly checking and recording of total gallons of free product recovered.
    - iii. Conduct product recovery operations as described in Permit Conditions No. 4 and No. 5.
  - c. River Seepage
    - i. Weekly inspect/record river bank seepage.
    - ii. Once a week inspect/record river stage level at B-MW-18,
    - iii. Weekly inspect/record river sheening.
  - d. Reporting
    - i. Submit Quarterly Operation and Maintenance Report to WDEQ within 90 days of the end of the each respective quarter.

8.of 8 Conoco, Inc. shall operate the IPC and treatment system and alluvial LNAPL recovery wells as described in this permit and within the O&M Manual. If Conoco proposes to modify the operation or physical equipment in the system or install additions to the existing system, a letter with supporting documentation will need to be sent to WDEQ to obtain prior approval. Any physical equipment changes or additions to the existing system will require the submit of plans and specifications and an addendum to the O&M Manual. When the systems have meet the mutually agreeable goals, Conoco may submit a letter to WDEQ requesting the shutdown of the systems.

AUTHORIZED BY:

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

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

2-10-99  
Date of Issuance

PBS/mad 90340.ltr

cc: Jim Kerr, SECORP, Lakewood, CO  
Kevin Frederick, WQD, Cheyenne  
Jerry Breed, SHWD, Cheyenne

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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February 9, 1996

Mr. Jeffrey S. Smail  
Conoco Inc.  
600 North Dairy Ashford (77079-6651)  
P.O. Box 4784  
Houston, TX 77210-4784

**Re: WQD Permit No. 96-041**  
**'As-built' Approval of Interim Product Collection and Treatment System**  
**Glenrock Oil Seep, Glenrock, WY**

Dear Mr. Smail:

I am writing this letter to formalize my comments from the meeting in Denver on January 30, 1996. The Water Quality Division is requesting additional application materials prior to issuing an "As-Built" Permit to Construct for the referenced remediation system. Comments and requirements are summarized on the enclosed Groundwater Pollution Control (GPC) Program Review Form.

Please contact me directly should you have any questions.

Sincerely,

*Phillip Stump*  
Phillip Stump, P.E.  
Senior Environmental Analyst  
Water Quality Division

PS:ks 60717.ltr

enclosures: GPC Program Review Form  
Chapter III Permit to Construct Form

xc: Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne  
James M. Kerr, SECOR  
Stephen E. Way, EPA Region VIII

**GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS**  
**WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**WATER QUALITY DIVISION**

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

**PROJECT:** Glenrock Oil Seep

**APPLICANT:** Mr. Jeffrey S. Smail  
Remediation Technology  
Conoco Inc.  
P.O. Box 4784  
Houston, TX 77210-4784  
(713)293-3593  
FAX: 293-3305

**APPLICANT'S  
CONSULTANT:** James M. Kerr  
Project Manager  
Science & Engineering Analysis Corporation  
355 Union Boulevard, Suite 200  
Lakewood, CO 80228-1500  
(303) 763-8800  
FAX: 763-8844

**WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER:** 96-041

**TITLE:** Operation and Maintenance Manual - Volume I of II (SECOR)

PROPOSAL     PLANS     REPORTS

**DATE ON PROPOSAL/PLANS/LETTERS:** January 4, 1995

**IS THIS PROPOSAL SUBMITTED PURSUANT TO:**

'CONDITIONS' TO ANY WDEQ/WQD PERMIT? NO  YES

AN LOV, NOV OR OTHER ENFORCEMENT? NO  YES  EPA Order

(CWA-OPA-VIII-94-05)

**REVIEWER:** Phillip Stump  
Phillip Stump, Senior Environmental Analyst

**DATE OF LAST REVIEW:** January 12, 1995

**DATE OF THIS REVIEW:** February 9, 1996

**ACTION:** N/A

The completed and proposed remediation/containment system(s) and site investigation work has been assigned to the following WDEQ/WQD permits:

- A. WQD Permit No. 96-041: Interim Product Collection and Treatment System (i.e., cut-off wall, recovery sumps, groundwater treatment system, monitoring wells along interceptor wall, and additional EPA-TAT monitoring wells);
- B. WQD Permit No. 94-570: 22 piezometers installed at Brubaker Property Boundary installed by Conoco Inc. (PZ-1 through PZ-22), piezometers installed on V1 Oil, along the railroad, and on Brubaker's property (V-PZ-1 through V-PZ-23, G-PZ-1 through G-PZ-3, G-MW-1, B-PZ-23 through B-PZ-36, and B-MW-18 through B-MW-27).
- C. WQD Permit No. has not been assigned: Any Containment/Recovery System(s) installed to recover free product in the upgradient area of the plume between the cut-off wall and the source(s) of contamination.

The following have been submitted to Wyoming Department of Environmental Quality, Water Quality Division (WDEQ/WQD) pertaining to the Interim Product Collection and Treatment System: 1) Operation and Maintenance Manual - Volume I of II (SECOR, January 4, 1995, with IT Corp. design drawings); 2) Operation and Maintenance Manual - Volume II of II (IT Corp., Oct. 13, 1994).

## **I REQUIREMENTS/RECOMMENDATIONS:**

- A. To fulfill the WQD permitting requirements for Permit No. 96-041, Conoco Inc. shall submit the following application materials:
    - 1. The enclosed Chapter III Application for Permit to Construct form shall be completed (i.e., blanks requiring the owner's name and signature must be signed);
    - 2. final 'As-Built' design drawings that contain SECOR's modifications of the systems; (i.e., the Professional Engineer's stamp shall appear on the title page of the application report and on any unbound drawings or maps); and
- Notes: (1) The final application materials for 'As-Built' approval shall be submitted in triplicate.
- (2) The EPA Emergency Response Branch will be submitting a profile 'as-built' of the cut-off wall.
- 3. a proposed plan to provide written documentation to WDEQ/WQD within 1 week explaining the problems encountered and the responses taken when the system is out of service (i.e., shut-off or downtime) for more than 24 hours for reasons other than routine maintenance.

B. Any additional site investigation work performed by Conoco will be approved under WQD Permit No. 94-570, but Conoco shall submit workplans to WQD to obtain pre-approval. The following documentation shall be submitted following the completion of the work:

1. lithology logs of boreholes;
2. 'As-Constructed' well completion cross-sections illustrating and identifying the annular seal, depth of screened interval, total depth of well, etc.; and
3. site maps illustrating and identifying the final locations of all borings, piezometers and monitoring wells.

Notes: (1) The WQD has not received the above documentation for the site investigation work that was performed in the fall of 1995.

(2) The installation of any piezometers, monitoring and/or recovery wells will require permits from the State Engineer's office (307-777-7354).

Please call me at (307-777-5449) if you have any questions.

PS:ks  
60717.ltr



Paul F. Taylor  
Project Manager  
Remediation Technology

RECEIVED

OCT 24 2000

Conoco Inc.  
P. O. Box 2197  
Houston TX 77252-2197  
281-293-3593 Fax:281-293-3305  
paul.f.taylor@usa.conoco.com

WATER QUALITY DIVISION  
WYOMING

October 19, 2000

CERTIFIED MAIL

Mr. Kevin Fredrick  
Water Quality Division  
Wyoming Department of Environmental Quality  
122 West 25<sup>th</sup> Street  
Cheyenne, Wyoming 80202

**RE: Reduction to Annual Sampling of Monitoring Wells  
Glenrock Oil Seep Project  
Glenrock, Wyoming**

Dear Mr. Fredrick:

As per a discussion between SECOR International Incorporated (SECOR) and Jerry Breed of the Wyoming Department of Environmental Quality (WDEQ) on September 8, 2000, sampling of the monitoring wells at the Glenrock Oil Seep (the Site) will be reduced from quarterly to annually. This site operates under the WDEQ Water Quality Division As-Built Permit No. 96-041 reviewed February 5, 1999. SECOR has submitted a similar proposal to the EPA to modify the Glenrock Oil Seep Sampling and Analysis Plan (Glenrock SAP) dated December 31, 1994 from sampling ground water on a quarterly to an annual basis.

SECOR will sample monitor wells MW-2, MW-4, MW-6, MW-9, MW-11 and MW-12 during the third quarter of each year, concurrently with the Glenrock SAP sampling event.

To demonstrate ongoing free product containment and recovery, ground water wells and piezometers that have historically been monitored for fluid levels on a weekly basis will continue to be monitored on a weekly basis. Additionally, SECOR will continue fluid level monitoring in all wells and piezometers on a monthly basis. Ground water sampling will continue to be consistent with protocols described in Section 4.3.2 of SECOR's Glenrock SAP.

If you have any questions, please call Jim Sullivan or Tim Mulholland at (406) 245-7600.

Sincerely,

Paul F. Taylor  
Project Manager

cc: Derrick Vallance  
Jim Sullivan – SECOR International  
Jerry Breed - WDEQ

# PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-042  
SPECIAL CONDITIONS  
REF/PERMIT #

## Brush Creek Bone Yard Sewer System

This permit hereby authorizes the applicant:

Don Carroll, District Ranger  
Brush Creek / Hayden Ranger District  
P.O. Box 187  
Encampment, WY 82325

to construct a septic system for 6 camp trailer sites for seasonal employee use according to the procedures and conditions of the application number 96-042. The facility is located in NW 1/4 Section 20, T16N, R81W in the county of Carbon, 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, 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, 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 Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

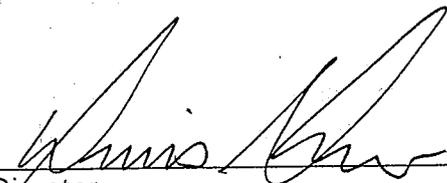
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2-23-96  
\_\_\_\_\_  
Date of Issuance

GLS:ks  
60808.ltr

cc: Nina Adams, Carbon County Planning Office

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-042
- 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.
- 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. (Indicate the section number of the regulations and briefly summarize the regulation.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, 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

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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 15.

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.)

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 Gary Steele, Southeast District Engineer, and completed on February 16, 1996. 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."

51931.DOC

## PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-043  
SPECIAL CONDITIONS  
REF/PERMIT #87-015

### Hulett Wastewater Treatment Lagoon Nitrification Facilities

This permit hereby authorizes the applicant:

Town of Hulett  
City Hall  
Hulett, WY 82720  
Attention: Mayor Betty Rush

to construct, install or modify a wastewater treatment lagoon according to the procedures and conditions of the application number 96-043. The facility is located in Section 6, Township 54 North, Range 64 West in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one (1) year 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, 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, 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: Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 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.

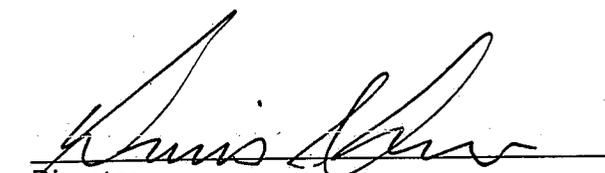
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/27/96  
\_\_\_\_\_  
Date of Issuance

BDM/pr: February 22, 1996  
b/60900.ltr

cc: Robert Kalinski, P.E., RDG Inc., 10360 Sapp Brothers Drive, Omaha, NE 68138

- 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 15, Chapter III<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. 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.)

Not applicable

- 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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on February 22, 1996. 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."

BDM/bb/60900.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 15.

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 96-043

### 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.

Yes

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

Yes. Chapter XI Section 5 encourages use of new technology. This project includes the addition of bacteria in the last 5,550 feet of sewer leading to the treatment lagoon. This is proposed to promote nitrification in the sewer and the lagoon lift station. The application package includes a theoretical evaluation which demonstrates a reasonable probability of meeting the design objective. The flexibility exists to make corrective changes to the treatment facility if the proposal does not function as planned.

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

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-044  
SPECIAL CONDITIONS  
REF/PERMIT #

## I-25 30 Inch Water Main Lowering Project

This permit hereby authorizes the applicant:

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

to construct, install or modify a water main according to the procedures and conditions of the application number 96-044. The facility is located in the NW1/4 of Section 1, T13N, R67W in the county of Laramie, 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, 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, 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 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.

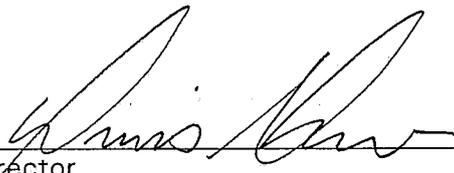
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 4. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 SE District office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the SE 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

3-8-96  
\_\_\_\_\_  
Date of Issuance

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-044
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. 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 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.
- 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 15, Chapter III<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.

- 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 Ronald L. Ewald, Senior Analyst, and completed on March 6, 1996. 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."

51931.DOC

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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 15.

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-045  
SPECIAL CONDITIONS  
REF/PERMIT #

## Jaramillo Ranch Septic System

This permit hereby authorizes the applicant:

Alfonso Jaramillo Jr.  
P.O. Box 1303  
Rawlins, Wyoming 82301

to construct, install or modify a septic tank and leach field according to the procedures and conditions of the application number 96-045. The facility is located in the SW1/4 NE1/4 of Section 30, T21N, R87W in the county of Carbon, 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, 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, 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 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.

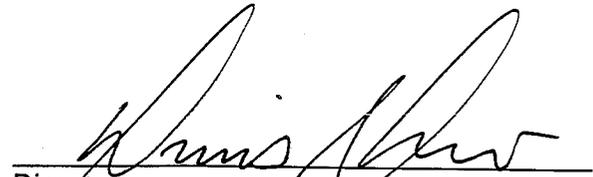
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 8. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 SE District office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 8. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the SE 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 8. Leach Field Trench - The 20 feet of trench with solid pipe coming out of the septic tank does not count towards the 160 feet required. Therefore, **an additional 20 feet** of trench with perforated pipe shall be added to the end of the 60 foot long trench segment such that there will be two equal trenches of 80 feet each.
- 5 of 8. Flow distribution into trench pipes - The flow into the two legs of the leach field shall be split by an offset tee such that the 20 foot pipe coming from the septic tank does not line up directly with the southwest leg of the leach field. (See detail on plot plan)
- 6 of 8. Septic Tank - Norwesco septic tanks must be installed in compliance with all manufacturers instructions to insure structural integrity.
- 7 of 8. Septic Tank Risers - The vertical legs of the inflow and outflow tees shall not be used as the clean-out risers because they are only 4 inch diameter (6 inch is required), and because the inflow and outflow pipes are not designed for this purpose. Therefore, separate 6 inch diameter clean-out risers shall be installed - or - the manways on each compartment shall be extended to the surface.

8 of 8. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/27/96  
\_\_\_\_\_  
Date of Issuance

RLE/bb/60891.ltr

cc: Nina Adams, Carbon County Planning Director

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-045
- 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.  
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. (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 15, Chapter III<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.

- 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 Ronald L. Ewald, Senior Analyst, and completed on February 22, 1996. 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/60891.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 15.

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-046  
SPECIAL CONDITIONS  
REF/PERMIT #

## Tillman Residential Septic System

This permit hereby authorizes the applicant:

Kenneth and Judy Tillman  
110 Alex Dr.  
Wheatland, Wyoming 82201

to construct, install or modify a residential septic system according to the procedures and conditions of the application number 96-046. The facility is located in Section 20, T24N, R67W in the county of Platte, 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, 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, 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 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.

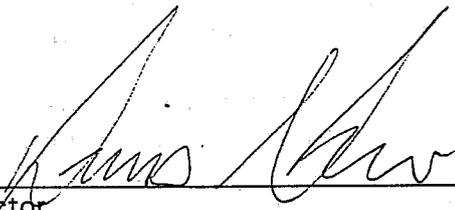
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 SE District office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the SE 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 5. Septic Tank Risers - The manways on each compartment of Vaughn Concrete Products septic tanks must be extended to the ground surface if separate clean-out risers are not provided.
- 5 of 5. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2-20-96  
\_\_\_\_\_  
Date of Issuance

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-046

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.

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. (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 15, Chapter III<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.

- 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 Ronald L. Ewald, Senior Analyst, and completed on February 16, 1996. 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."

51931.DOC

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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 15.

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-047  
SPECIAL CONDITIONS  
REF/PERMIT #

## Jim D. and Christy Neiman Residence Septic System

This permit hereby authorizes the applicant:

Jim D. and Christy Neiman  
P.O. Box 102  
Hulett, WY 82720

to construct, install or modify a septic system according to the procedures and conditions of the application number 96-047. The facility is located in SE/4 of the NW/4 and the NE/4 of the SW/4 of Section 12, Township 54 North, Range 65 West in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one (1) year 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, 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, 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: Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 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 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2-23-96  
Date of Issuance

BDM/pr/ks  
60841.ltr

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-047

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.

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. (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 15, Chapter III<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. 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.)

Not applicable

- 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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on February 15, 1996. 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."

51933.DOC

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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 15.



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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February 21, 1996

Mr. Richard Bumbaca  
4355 US Highway 14-16 East  
Clearmont, Wyoming 82835

RE: As-Built Permit To Construct, WQD Reference Number 96-048

Dear Mr. Bumbaca:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application. 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 onsite wastewater 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/BDM/pr/mad 43545.DOC  
Enclosure: Permit 96-048

cc: Permit file 96-048

AS-BUILT  
PERMIT TO CONSTRUCT

△ New  
Renewal  
Modified

PERMIT NO. 96-048  
SPECIAL CONDITIONS

RBL Bison Ranch On-site Wastewater System

This permit hereby authorizes the applicant:

Richard Bumbaca  
4355 US Highway 14-16 East  
Clearmont, Wyoming 82835

to have constructed, installed or modified an on-site wastewater facility according to the procedures and conditions of the application number 96-048. The facility is located in the SW/4 of the NE/4 of Section 26, Township 55 North, Range 79 West in the county of Sheridan, 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, 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 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.

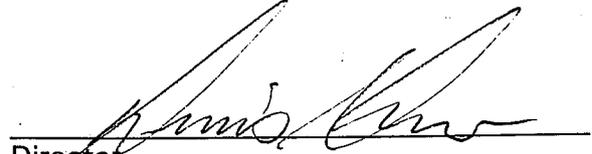
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

1) If a system failure occurs, the applicant shall notify the Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457; FAX (307) 674-6050.

2) Before any future modifications occur to the system, a PERMIT TO CONSTRUCT shall be applied for and obtained from DEQ.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

2/23/96  
\_\_\_\_\_  
Date of Issuance

BDM/pr/mad 60863.LTR

cc: Sheridan County Planning and Engineering

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-048

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.

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.

1) Chapter XI Section 7.(a)(iii) requires the name and seal or signature of a licensed Wyoming professional engineer.

2) Chapter XI Section 39. (c) requires commercial kitchens have a grease trap before the septic tank.

B. Briefly state the basis for the deviation.

1) The applicant has submitted a system plan view, leachfield dimensions and gravel quantities, system percolation test data and historical information. This office does not believe the services of a licensed engineer are needed. This office does not believe the costs of retaining an engineer will provide any additional significant information.

2) The system has never experienced a failure.

- 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 15, Chapter III<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. 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.)

Not applicable

- 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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on February 16, 1996. 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."

51933.DOC

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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 15.

DEPARTMENT OF ENVIRONMENTAL QUALITY  
STATE OF WYOMING  
GROUNDWATER POLLUTION CONTROL PERMIT  
AUTHORIZATION TO DISCHARGE INTO UNDERGROUND RECEIVERS  
(Permit to Inject)  
(CORRECTED PERMIT)

( ) New  
(X) Modified

Permit Number: 96-049  
Subclass Number: 5X26  
Reference old permits: UIC 92-181 & UIC 91-332

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 III (March 28, 1988), and Chapter IX (September 4, 1980),

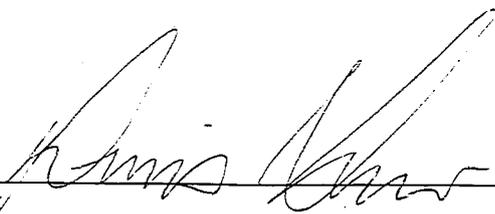
Applicant: Union Pacific Railroad  
P.O. Box B  
Laramie, Wyoming 82070  
Attn: Gary Honeyman,  
(307) 745-6532

is authorized to operate a diesel recovery system and groundwater remediation injection wells located in the NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 22, Township 18 North, Range 107 West, of the 6th Principal Meridian; according to the procedures and conditions of application # 91-332 and requirements and other conditions of this permit as contained on pages 1 through 8.

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

4/22/96  
\_\_\_\_\_  
Date

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

4-22-96  
\_\_\_\_\_  
Date

## A. DISCHARGE ZONE AND AREA OF REVIEW

### Discharge Zone:

This injection well is authorized to inject into the unnamed alluvium above the Tertiary wilkins peak member of the Green River Formation which is found at this location from 0 to 30 feet below the ground surface.

### Area of Review

The facility authorized by this permit is located in:

Township 18 North, Range 107 West, 6th Principal Meridian

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

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

Township 18 North, Range 107 West, 6th Principal Meridian

Section 17: S $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$

Section 22: NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$

Section 23: W $\frac{1}{2}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$

## B. GROUNDWATER CLASSIFICATION

The groundwater in the unnamed alluvium above the Tertiary wilkins peak member of the Green River Formation is classified as class III under Chapter VIII of Wyoming Water Quality Rules and Regulations (April 9, 1980). This classification was made because:

- a. The groundwater in this formation meets all of the quality standards set forth in Chapter VIII for class III water;

Groundwater of class III 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

The permittee is authorized to inject 1,714 barrels per day, (72,000 gallons per day) of wastewater into the roundhouse area infiltration gallery and 1,714 barrels per day, (72,000 gallons per day) of wastewater into the diesel storage area infiltration gallery as described: The wastewater is groundwater produced by an oil recovery system built for the purpose of removing free oil from the aquifer. Prior to injection, this water shall be treated to remove all traces of free oil.

The permittee is authorized to inject at no more than atmospheric pressure as measured at the wellhead.

### 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.

## 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. The permittee shall prepare records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least 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 prescribed monitoring program for this site is as follows:

WELL NAME OR NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (TRV)*
GR-1, GR-9, GR-10, GR-13, GR-14, GR-15, GR-16, GR-17, GR-18, GR-19, GR-20, GR-23, GR-24, GR-25, GR-26, GR-27, GR-28, GR-31, GR-34, GR-35, GR-36, GR-38, GR-41, GR-42, GR-43, GR-44, GR-45, GR-46, GR-47, GR-48, GR-49, GR-50, GR-51, GR-52, GR-55, GR-58, GR-59, P-2, P-3, WP-1, WP-2, WP-3	Quarterly	Probe	Static Water Level and Free Product Thickness	Zero Free Product Thickness
GR-9, GR-19, GR-42, GR-43, GR-44, GR-47, GR-52, GR-55, P-2, P-3, WP-1, WP-2, WP-3	Semi-Annually (Twice a year)	EPA Method 418.1	Total Petroleum Hydrocarbons	10.0

\*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted. Free product thickness is expressed in hundredths of a foot, and Static Water Level is expressed in feet above mean sea level.

The above Target Restoration value (TRV) is the value that this groundwater must be returned to at the conclusion of this project. Exceedance of this value is a violation of this permit and shall require corrective action.

The above list of wells to be monitored does not include wells known to contain free product. The Target Restoration Value for those wells is also zero free product and 10 mg/l of Total Petroleum Hydrocarbons.

## E. REQUIREMENTS FOR MONITORING THE DISCHARGE

The permittee shall monitor the quality of the injectate fluid on an approved schedule. The following parameters shall be analyzed by the listed methods and reported (quarterly or monthly):

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL) *
Quarterly	EPA Method 418.1	Total Petroleum Hydrocarbons	100.0
	EPA Method 610	2-Methylnaphthalene	.20

\*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted. pH is always expressed in standard units and conductivity is expressed in mmhos/meter or umhos/cm.

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.

## F. RECORDS AND REPORTS

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.
2. The permittee 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. The permittee shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time the permittee becomes aware of the circumstances. The report should include:
  - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.
  - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.

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

5. The permittee 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 the permittee 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. The permittee 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 the permittee 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 the permittee 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
9. The quarterly report of operations for this/these well(s) shall include the following information:
  - a. Any permit exceedances within the quarter.
  - b. The analytical results for sampling for the injected water and any groundwater sampling results required under Sections D or E of this permit.
  - c. 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.
10. Once every two years, a thorough review of the operation shall be conducted and submitted in the form of a report. This report shall include:
  - a. Hydrographs of each monitored well showing static water levels and free product thickness over the previous five years;
  - b. Compiled data for all wells monitored for static water level including well id, date sampled, casing surface elevation, depth to oil, depth to water, thickness of oil, and corrected groundwater elevation;
  - c. Compiled data for all chemical analyses performed over the previous five years for Total Petroleum Hydrocarbons for all wells monitored;
  - d. Compiled data for all chemical analyses performed on the discharge; and
  - e. Maps showing piezometric surface and free product thickness for the most recent date where complete information is available for the construction of these maps.
11. 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 biannual report.

## G. GENERAL PERMIT CONDITIONS

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

1. Violation of the permit;
2. Obtaining a permit by misrepresentation or failure of the discharge well or system.

Each permit is reviewed at least once every 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 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 the permittee'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.

Public notice of the permit review and request for public comment will be made every 10 years by the administrator.

Any permit noncompliance constitutes a violation of the permit.

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

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.

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

The 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.

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.

Pollution or waste which migrates into an aquifer containing a usable groundwater of the state is a violation of the permit.

## H. DUTIES OF THE PERMITTEE

It is a duty of the permittee 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 the permittee 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 PERMIT CONDITIONS

This permit authorizes the construction of expansions to the Green River RS-2 diesel recovery system, the construction of the Green River RS-3 diesel recovery system, the construction of Green River RS-4 diesel recovery system and the drilling of additional monitor wells as detailed in the Proposed Remediation Activities (revised), a document submitted to the department by Union Pacific Railroad, dated January 11, 1996.

## J. SIGNATORIES REQUIREMENT

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 an authorized representative.

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."

RFL:ks  
60828.ltr



**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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February 23, 1996

### STATE OF WYOMING PUBLIC NOTICE

THE PURPOSE OF THIS NOTICE IS TO INDICATE THE STATE OF WYOMING'S INTENTION TO ISSUE AN UNDERGROUND INJECTION CONTROL PERMIT AND TO CLASSIFY THE RECEIVING GROUNDWATER OF THE STATE IN THE VICINITY OF THE PERMITTED INJECTION UNDER THE WYOMING ENVIRONMENTAL QUALITY ACT (35-11-101 ET. SEQ. WYOMING STATUTES 1957, CUMULATIVE SUPPLEMENT 1973), AND DEPARTMENT OF ENVIRONMENTAL QUALITY, WATER QUALITY RULES AND REGULATIONS CHAPTERS VIII AND IX (SEPTEMBER, 1980).

IT IS THE STATE OF WYOMING'S INTENTION TO ISSUE AN UNDERGROUND INJECTION CONTROL PERMIT TO ALLOW THE DISPOSAL OF TREATED GROUNDWATER IN CONJUNCTION WITH AN AQUIFER REMEDIATION SYSTEM. THE GROUNDWATER WILL BE TREATED TO LESS THAN FEDERAL LAND DISPOSAL RESTRICTIONS AND FEDERAL DRINKING WATER LIMITS PRIOR TO INTRODUCTION BACK INTO THE AQUIFER.

#### PERMIT INFORMATION:

Permit Number: UIC 96-049; Class V, Aquifer Remediation

Name and Address of Applicant: Union Pacific Railroad; P.O. Box B, Laramie, Wyoming 82070, (307) 745-6532

#### BACKGROUND INFORMATION:

Union Pacific Railroad has spilled and leaked diesel as a result of fueling operations in the Green River Railyards. As a result, the groundwater under these yards contains significant amounts of diesel both as free product and as dissolved product. For the past five years, Union Pacific has been pumping groundwater, treating for the removal of diesel, and reinjecting the resulting water. This system is located in T18N, R107W, Section 22 NW $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , and SE $\frac{1}{4}$ NE $\frac{1}{4}$  in Sweetwater County, Wyoming. The proposed permit replaces previous permits and modifies the monitoring and reporting schedules. The aquifer in question consists of alluvial terrace material containing water of which meets State of Wyoming Class III groundwater standards.

Union Pacific has also proposed extensive improvements to the groundwater remediation systems in place in the Green River Railroad Yards. Issuance of this permit will also authorize these improvements to be made.

It is the purpose of this permit to allow groundwater containing traces of diesel to be reintroduced to the aquifer during the cleanup of free product and dissolved diesel. The permit places limits on the amount of total petroleum hydrocarbons and 2-Methylnaphthalene to be introduced and formalizes target restoration values for the site. 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.

There are no wells within one-half mile directly down gradient from this source. Monitoring is designed to show that there will not be a groundwater standards violation as a result of this injection in any case. Monitoring is required to insure that contamination is quantified throughout the remediation process and no contaminant will leave the site.

#### STATE TENTATIVE DETERMINATIONS

The groundwater in the alluvial aquifer of at this site is class III under Chapter VIII, Wyoming Water Quality Rules and Regulations. This permit is designed to prevent further degradation of this water. This classification is made because: a. The groundwater upgradient from the leak meets all of the quality standards for class III groundwater.

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

#### PUBLIC COMMENTS

Public comments on the proposed operation, the proposed groundwater classification, and the State's intent, are invited at this time. Comments should be addressed to the Wyoming Department of Environmental Quality, Water Quality Division, Robert Lucht, UIC Program Supervisor, Herschler Building, 4th floor west, 122 West 25th Street, Cheyenne, Wyoming 82002. All comments received prior to 5:00 PM, March 25, 1996 in the Cheyenne office will be considered. Additional information may be obtained by calling (307) 777-7095 or writing to the State of Wyoming at the address above. The complete application, draft permit a five year review of this injection, and related documents are available for review and inspection at the above address and may be copied for the cost of copying the documents.

Any interested person may request, in writing prior to the end of the public comment period, that a public hearing be held. Requests should indicate the name, full mailing address and telephone number of the individual requesting a hearing, the interest that individual has in the project, and the grounds for holding a public hearing. If a hearing is not warranted, the final permit will be issued at the end of the public comment period.

Public Notice UIC 96-049  
Publish on or before February 23, 1996

RFL:ks 60827.PN

DEPARTMENT OF ENVIRONMENTAL QUALITY  
STATE OF WYOMING  
GROUNDWATER POLLUTION CONTROL PERMIT  
AUTHORIZATION TO DISCHARGE INTO UNDERGROUND RECEIVERS  
(Permit to Inject)

( ) New  
(X) Modified

Permit Number: 96-049  
Subclass Number: 5X26  
Reference old permits: UIC 92-181 & UIC 91-332

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 III (March 28, 1988), and Chapter IX (September 4, 1980),

Applicant: Union Pacific Railroad  
P.O. Box B  
Laramie, Wyoming 82070  
Attn: Gary Honeyman,  
(307) 745-6532

**DRAFT**

is authorized to operate a diesel recovery system and groundwater remediation injection wells located in the NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 22, Township 18 North, Range 107 West, of the 6th Principal Meridian; according to the procedures and conditions of application # 91-332 and requirements and other conditions of this permit as contained on pages 1 through 8.

This permit shall become effective on date of issuance.

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

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Date

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

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Date

RFL:ks 60828.ltr

## A. DISCHARGE ZONE AND AREA OF REVIEW

### Discharge Zone:

This injection well is authorized to inject into the an unnamed alluvium above the Tertiary wilkins peak member of the Green River Formation which is found at this location from 0 to 30 feet below the ground surface.

### Area of Review

The facility authorized by this permit is located in:

Township 18 North, Range 107 West, 6th Principal Meridian

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

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

Township 18 North, Range 107 West, 6th Principal Meridian

Section 17: S  $\frac{1}{2}$  SE  $\frac{1}{4}$ , SE  $\frac{1}{4}$  SW  $\frac{1}{4}$

Section 22: NE  $\frac{1}{4}$ , E  $\frac{1}{2}$  NW  $\frac{1}{4}$ , N  $\frac{1}{2}$  SE  $\frac{1}{4}$

Section 23: W  $\frac{1}{2}$  NW  $\frac{1}{4}$ , NW  $\frac{1}{4}$  SW  $\frac{1}{4}$

## B. GROUNDWATER CLASSIFICATION

The groundwater in the unnamed alluvium above the Tertiary wilkins peak member of the Green River Formation is classified as class III under Chapter VIII of Wyoming Water Quality Rules and Regulations (April 9, 1980). This classification was made because:

- a. The groundwater in this formation meets all of the quality standards set forth in Chapter VIII for class III water;

Groundwater of class III 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

The permittee is authorized to inject 1,714 barrels per day, (72,000 gallons per day) of wastewater into the roundhouse area infiltration gallery and 1,714 barrels per day, (72,000 gallons per day) of wastewater into the diesel storage area infiltration gallery as described: The wastewater is groundwater produced by an oil recovery system built for the purpose of removing free oil from the aquifer. Prior to injection, this water shall be treated to remove all traces of free oil.

The permittee is authorized to inject at no more than atmospheric pressure as measured at the wellhead.

### 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.

## 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. The permittee shall prepare records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least 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 prescribed monitoring program for this site is as follows:

WELL NAME OR NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (TRV)*
GR-1, GR-9, GR-10, GR-13, GR-14, GR-15, GR-16, GR-17, GR-18, GR-19, GR-20, GR-23, GR-24, GR-25, GR-26, GR-27, GR-28, GR-31, GR-34, GR-35, GR-36, GR-38, GR-41, GR-42, GR-43, GR-44, GR-45, GR-46, GR-47, GR-48, GR-49, GR-50, GR-51, GR-52, GR-55, GR-58, GR-59, P-2, P-3, WP-1, WP-2, WP-3	Quarterly	Probe	Static Water Level and Free Product Thickness	Zero Free Product Thickness
GR-9, GR-19, GR-42, GR-43, GR-44, GR-47, GR-52, GR-55, P-2, P-3, WP-1, WP-2, WP-3	Semi-Annually (Twice a year)	EPA Method 418.1	Total Petroleum Hydrocarbons	10.0

\*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted. Free product thickness is expressed in hundredths of a foot, and Static Water Level is expressed in feet above mean sea level.

The above Target Restoration value (TRV) is the value that this groundwater must be returned to at the conclusion of this project. Exceedance of this value is a violation of this permit and shall require corrective action.

The above list of wells to be monitored does not include wells known to contain free product. The Target Restoration Value for those wells is also zero free product and 10 mg/l of Total Petroleum Hydrocarbons.

## E. REQUIREMENTS FOR MONITORING THE DISCHARGE

The permittee shall monitor the quality of the injectate fluid on an approved schedule. The following parameters shall be analyzed by the listed methods and reported (quarterly or monthly):

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL) *
Quarterly	EPA Method 418.1	Total Petroleum Hydrocarbons	10.0
	EPA Method 610	2-Methylnaphthalene	.20

\*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted. pH is always expressed in standard units and conductivity is expressed in mmhos/meter or umhos/cm.

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.

## F. RECORDS AND REPORTS

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.
2. The permittee 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. The permittee shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time the permittee becomes aware of the circumstances. The report should include:
  - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.
  - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.

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

5. The permittee 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 the permittee 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. The permittee 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 the permittee 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 the permittee 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
9. The quarterly report of operations for this/these well(s) shall include the following information:
  - a. Any permit exceedances within the quarter.
  - b. The analytical results for sampling for the injected water and any groundwater sampling results required under Sections D or E of this permit.
  - c. 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.
10. Once every two years, a thorough review of the operation shall be conducted and submitted in the form of a report. This report shall include:
  - a. Hydrographs of each monitored well showing static water levels and free product thickness over the previous five years;
  - b. Compiled data for all wells monitored for static water level including well id, date sampled, casing surface elevation, depth to oil, depth to water, thickness of oil, and corrected groundwater elevation;
  - c. Compiled data for all chemical analyses performed over the previous five years for Total Petroleum Hydrocarbons for all wells monitored;
  - d. Compiled data for all chemical analyses performed on the discharge; and
  - e. Maps showing piezometric surface and free product thickness for the most recent date where complete information is available for the construction of these maps.

11. 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 biannual report.

## G. GENERAL PERMIT CONDITIONS

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

1. Violation of the permit;
2. Obtaining a permit by misrepresentation or failure of the discharge well or system.

Each permit is reviewed at least once every 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 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 the permittee'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.

Public notice of the permit review and request for public comment will be made every 10 years by the administrator.

Any permit noncompliance constitutes a violation of the permit.

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

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.

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

The 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.

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.

Pollution or waste which migrates into an aquifer containing a usable groundwater of the state is a violation of the permit.

## H. DUTIES OF THE PERMITTEE

It is a duty of the permittee 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 the permittee 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 PERMIT CONDITIONS

This permit authorizes the construction of expansions to the Green River RS-2 diesel recovery system, the construction of the Green River RS-3 diesel recovery system, the construction of Green River RS-4 diesel recovery system and the drilling of additional monitor wells as detailed in the Proposed Remediation Activities (revised), a document submitted to the department by Union Pacific Railroad, dated January 11, 1996.

## SIGNATORIES REQUIREMENT

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 an authorized representative.

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."

RFL:ks  
60828.ltr

# PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-050  
SPECIAL CONDITIONS

## Teton County Library Water Service Extension

This permit hereby authorizes the applicant:

Teton County  
P. O. Box 1629  
Jackson, Wyoming 83001

to construct approximately 240 LF of 6" diameter DIP water main extension to provide domestic and fire sprinkler water service to the Teton County Library according to the procedures and conditions of the application number 96-050. The facility is located in the SW/4 of Sec. 33, T41N, R116W in the county of Teton, in the State of Wyoming. This permit shall be effective for a period of two 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, 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, 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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.

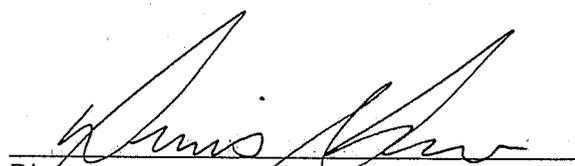
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 appropriate district office of the Water Quality Division, Department of Environmental Quality, 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 Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander 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:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

3/8/96  
\_\_\_\_\_  
Date of Issuance

## STATEMENT OF BASIS

I. General information.

A. Permit Number: 96-050

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

A. Chapter XI. No

B. Chapter XII. 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 XI, or XII.

No

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

No

IV. 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 Michael D. Roberts, P. E., Northwest District Engineer, and completed on 4 March 1996. 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."