

**PERMIT TO CONSTRUCT**

New

Permit No. 95-051  
\* **CONDITIONED** \*

Renewal

Modified

**Louisiana Land & Exploration - Lost Cabin Spill Site**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

The Louisiana Land & Exploration Company

1560 Broadway, Suite 1200

Denver, CO 80202

to construct five (5) monitoring wells and conduct a subsurface investigation at the Lost Cabin Spill Site according to the procedures and conditions of the application No. 95-051. The facility is located in SE1/4, NW1/4, Section 4, T38N, R90W in the County of Fremont, in the State of Wyoming. This permit shall be effective for a period of five (5) years from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

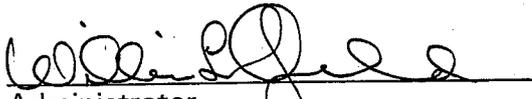
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

The permittee shall notify representatives from the Department of Environmental Quality, 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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

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

3-15-95  
\_\_\_\_\_  
Date of Issuance

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

#### Monitoring Well/Piezometer Conditions

- 1 of 13. The groundwater monitoring wells/piezometers shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number ~~95-051~~. Additional monitoring wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
- 2 of 13. Monitoring well/piezometer construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well/piezometer casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells/piezometers must be constructed from materials free of material having the potential to contaminate groundwater samples.
- 3 of 13. All downhole equipment shall be de-contaminated between monitoring wells (borings) to minimize the potential for cross-contamination.
- 4 of 13. 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.
- 5 of 13. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those monitoring wells/piezometers 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.

- 6 of 13. After the monitoring wells/piezometers 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.
- 7 of 13. Monitoring well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitoring wells/piezometers 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.
- 8 of 13. 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 monitoring wells/piezometers shall be installed to define the nature and extent of the contamination.
- 9 of 13. In addition to the monitoring well/piezometer construction information submitted with the permit application, the following items relating to monitoring well/piezometer construction shall be implemented when the monitoring wells/piezometers are constructed, installed and developed:
- a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;
  - b. 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;
  - c. 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;
- 10 of 13. DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitoring wells/piezometers and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.
- 11 of 13. Within ninety (90) days 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/piezometer/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/piezometers 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/piezometers/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 submitted in a tabular format;
- 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.

12 of 13. Water which is collected during monitoring well/piezometer 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.

13 of 13. The results of any analyses conducted on soil or water removed from these monitoring wells/piezometers or boreholes shall be provided to the department as soon as they are available.

DN/51173.ltr

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 95-052R  
**\* CONDITIONED \***

**Jackson Main Post Office**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

U. S. Postal Service  
Facilities Service Office  
Sanford Place, Suite 400  
8055 E. Tufts Ave., Parkway  
Denver, CO 80237-2881

to construct a about 300 lineal feet of 4 inch ductile iron water main according to the procedures and conditions of the application No. 95-052R. The facility is located in SE1/4 Sec. 32, T41N, R116W in the County of Teton, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours,

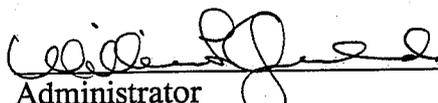
to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

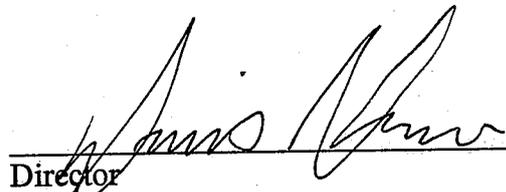
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

**AUTHORIZED BY:**

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

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

4-6-95  
\_\_\_\_\_  
Date of Issuance

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

**STANDARD CONDITIONS 1 through 4**

1. of 4      The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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.

Permit to Construct 95-052R  
Jackson Main Post Office

3. of 4      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 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".

JH/jm/nc 51433.LTR

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 95-052R

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

A. Chapter XI. No

B. Chapter XII. Yes

### III. Basis for issuing permit.

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

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  
95-052R

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

Not Applicable

JH/jm/nc 51433.LTR

**PERMIT TO CONSTRUCT**

New

Renewal

Modified

Permit No. 95-053  
\* **CONDITIONED** \*

**Johnson Residence Replacement Leach Field**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Wayne Johnson

2639 Shady Lane

Greybull, WY 82426

to construct a replacement leach field according to the procedures and conditions of the application No. 95-053. The facility is located in Section 9, T52N, R93W in the County of Big Horn, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

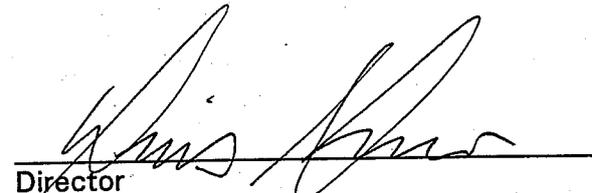
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

  
Administrator  
Water Quality Division

  
Director  
Department of Environmental Quality

2/28/95  
Date of Issuance

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

JH/jm - 50927.ltr

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4 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 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".

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-053

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. NO

III. Basis for issuing permit.

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

YES

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

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.
- A. Facility will not allow a discharge to groundwater. Briefly describe:  
UNKNOWN
- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:  
UNKNOWN
- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:  
UNKNOWN
- D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:  
Facility meets groundwater separation requirements.
- E. Discharge may 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:  
Upon abandonment of the disposal field, groundwater quality will return to back ground.
- 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.  
The disposal field meets the site separation distance requirements which are intended to protect aquifer users from impact.
- G. Briefly describe monitoring system. 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.  
NONE
- 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.

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 95-054R  
\* **CONDITIONED** \*

The Flying S Ranch, LLC  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

The Flying S Ranch, LLC  
P.O. Box 1070  
Saratoga, WY 82331-1070

to construct a pumped small wastewater system according to the procedures and conditions of the application No. 95-054R. The facility is located in NW¼, NE¼, S30, T18N, R82W in the County of Carbon, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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 Department of Environmental Quality, 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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

3-13-95  
\_\_\_\_\_  
Date of Issuance

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

RRT/b/51145.ltr

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4 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 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".

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-054R

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.

NA

B. Briefly state the basis for the deviation.

NA

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

NA

Statement of Basis  
95-054R  
March 10, 1995

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

Not Applicable

- 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.

RRT/b/51145.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. 95-055  
SPECIAL CONDITIONS  
REF/PERMIT #

## City of Sheridan Landfill Check Station Water Line

This permit hereby authorizes the applicant:

City of Sheridan  
P.O. Box 848  
Sheridan, Wyoming 82801

to construct, install or modify a waterline according to the procedures and conditions of the application number 95-055. The facility is located in SW/4 of Section 25, 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 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.

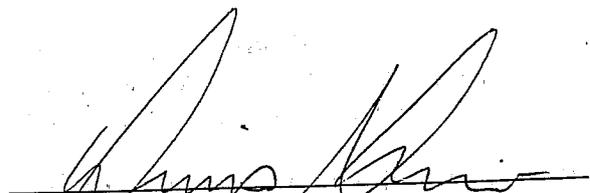
The permittee shall construct and operate the permitted facility in accordance with the state representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

8-2-95  
Date of Issuance

BDM/pr:mad 53263.LTR

cc: Dayton Alsaker, P.E., P.O. Box 7010, Sheridan, WY 82801

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-055
- 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. 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 July 25, 1995. 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.

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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May 2, 1995

Mr. Ulrich Leonhardt  
Big Horn, Inc.  
905 Richards  
Thermopolis, WY 82443

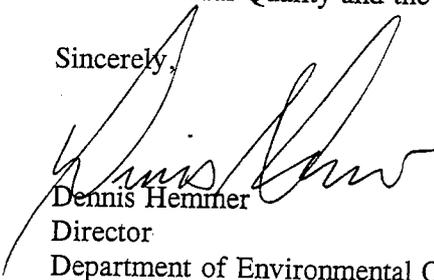
RE: As-Built Permit to Construct, WQD Reference Number 95-056R

Dear Mr. Leonhardt:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced as-built application submitted by your engineer, Jerry Crews of the Cardinal Design Group. Our review indicates that both the as-built and proposed construction appear to meet DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued.

Please be advised that the system must have been and be constructed, installed, and be 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/JH/b/51909.ltr

Enclosure

cc: Plans (3)  
File (2)

AS-BUILT  
PERMIT TO CONSTRUCT

[X]

Permit No. 95-056R

[ ]

[ ]

Wyoming Dinosaur Center

This permit hereby authorizes the applicant:

Big Horn Prospecting, Inc.

905 Richards

Thermopolis, WY 82443

to have constructed water and sewer mains, and to construct additional water mains according to the procedures and conditions of the application No. 95-056R. The facility is located in NE 1/4 Sec. 1, T42N, R95W in the County of Hot Springs, in the State of Wyoming.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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 Department of Environmental Quality, 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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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

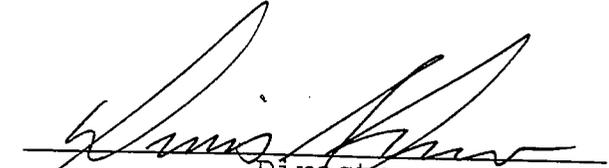
#### STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4 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 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  
Dept. of Environmental Quality

5-8-95  
\_\_\_\_\_  
Date of Issuance

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

JH/b/51909.ltr

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-056R
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. Yes
- B. Chapter XII. Yes
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- 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  
95-056R  
May 1, 1995

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

Not applicable

#### 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 Jeff Hermansky, Northwest District Supervisor and completed on May 2, 1995. 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."

JH/b/51909.ltr

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 95-057  
Ref. No. 94-312

**Halliburton Services, Riverton**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Halliburton Energy Services

ATTN: Larry Sims

P.O. Box 1431

Duncan, OK 73536

to conduct a subsurface site assessment/characterization and construct a maximum of ten (10) monitoring wells at the Halliburton according to the procedures and conditions of the application No. 95-057. The facility is located in SE¼, SE¼, NE¼ Section 22, T1N, R4E in the County of Fremont, in the State of Wyoming. This permit shall be effective for a period of five (5) years from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required

by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

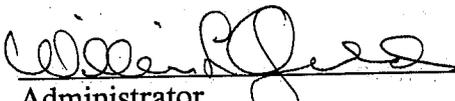
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

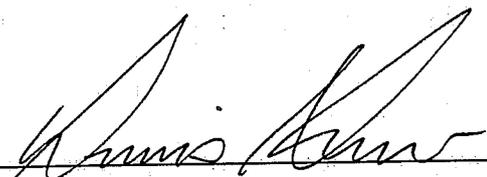
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

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

3-7-95  
\_\_\_\_\_  
Date of Issuance

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

DN/jyi/nc 51055.LTR

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 95-058  
\* **CONDITIONED** \*

Whipps Septic Tank/Leach Bed  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

James & Bonnie Whipps

124 N Nebraska

Casper, WY 82609

to construct a septic tank/leach bed for 3 bedroom house according to the procedures and conditions of the application No. 95-058. The facility is located in NW1/4, NE1/4, Section 10, T50N, R93W, original survey in the County of Big Horn, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising

from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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 Department of Environmental Quality, 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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

3-20-95  
\_\_\_\_\_  
Date of Issuance

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

JH/jm  
b/51207.LTR

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4 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 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".

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-058

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  
95-058  
March 16, 1995

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

APPLICABLE

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

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

UNKNOWN

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

UNKNOWN

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

UNKNOWN

- D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:

Facility meets groundwater separation requirements.

- E. Discharge may 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:

Upon abandonment of the disposal field, groundwater quality will return to back ground.

- 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.

The disposal field meets the site separation distance requirements which are intended to protect aquifer users from impact.

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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  
95-058  
March 16, 1995

- G. Briefly describe monitoring system. 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.

NONE

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.

JH/b/51207.LTR

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 95-059  
\* **CONDITIONED** \*

Bridges Septic Tank/Leach Field  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

William Bridges

P.O. Box 671

Cowley, WY 82420

to construct a septic tank/leach field for a three bedroom house according to the procedures and conditions of the application No. 95-059. The facility is located in SW¼ Section 20, T57N, R96W in the County of Big Horn, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is

solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

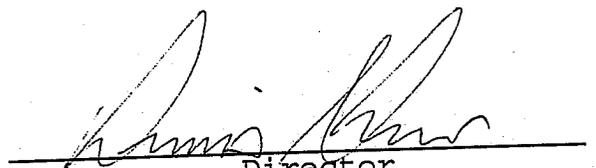
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

3-2-95  
\_\_\_\_\_  
Date of Issuance

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

JH/jyi

STANDARD CONDITIONS 1 through 4

- 1.2. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

3. of 4 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.
4. of 4 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 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.
5. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

JH  
b/50976.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-059

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. NO

III. Basis for issuing permit.

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

YES

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

APPLICABLE

Statement of Basis  
95-059  
February 28, 1995

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

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

UNKNOWN

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

UNKNOWN

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

UNKNOWN

D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:

Facility meets ground water separation requirements.

E. Discharge may 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:

Upon abandonment of the disposal field, ground water quality will return to background.

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.

The disposal field meets the site separation distance requirements which are intended to protect aquifer users from impact.

G. Briefly describe monitoring system. 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.

None

Statement of Basis  
95-059  
February 28, 1995

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.

JH/b/50976.ltr

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 95-060  
SPECIAL CONDITIONS

Hilltop Shopping Center/Albertson's Water & Sewer

This permit hereby authorizes the applicant:

James Sandison  
2616 E. 3rd Street  
Casper, Wyoming 82609

to construct, install or modify a water distribution system and sewage collection system according to the procedures and conditions of the application number 95-060. The facility is located in the N/2 of the NW/4 of Section 11, and the S/2 of the SW/4 of Section 2, Township 33 North, Range 79 West in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of one year from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

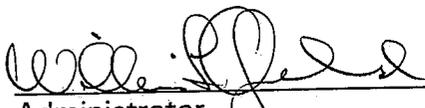
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

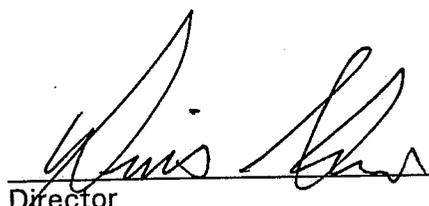
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Northeast District, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1043 Coffeen Avenue Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457.

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

AUTHORIZED BY:

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

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

4-17-95  
\_\_\_\_\_  
Date of Issuance

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

#### STANDARD 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 the Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

BDM/pr:mad 51692.LTR

Attachments: Notification Post Card  
Certification of Completion Form  
Statement of Basis

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-060
- 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.)
- 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.

See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

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.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 95-061  
STANDARD CONDITIONS

KRAUSE SUBDIVISION PHASE II WATER & SEWER PROJECT

This permit hereby authorizes the applicant:

Left Hand Land Company  
306 North Main Street  
Sheridan, WY 82801

to construct, install or modify water and sewer lines according to the procedures and conditions of the application number 95-061. The facility is located in the N/2 of the SW/4 of Section 22 of 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 provides that the Wyoming Department of Environmental Quality (DEQ) has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Wyoming Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

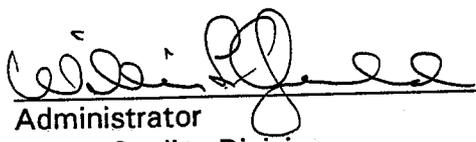
The permittee shall allow authorized representatives from the DEQ, Water Quality Division (DEQ/WQD), upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

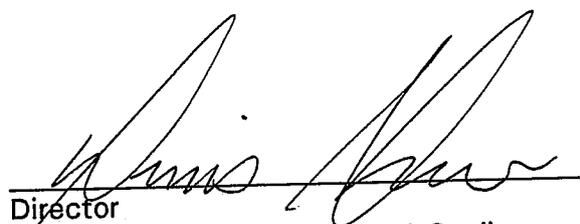
The permittee shall notify representatives from the DEQ/WQD the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: DEQ/WQD Northeast District, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming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

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

AUTHORIZED BY:

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

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

3-13-95  
\_\_\_\_\_  
Date of Issuance

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

#### STANDARD CONDITIONS

- 1 of 4 The applicant will notify the DEQ/WQD Northeast District Office in Sheridan 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 DEQ/WQD Northeast District Office in Sheridan 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 DEQ/WQD Northeast District Office in Sheridan the following information on the enclosed CERTIFICATION OF COMPLETION form:
  - 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".

*DRM* ✓  
DRM/pr:03/10/95

Enclosures: Post Card  
Certification of Completion  
Statement of Basis

xc: Krause Subdivision District File

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-061
- 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.)
- 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.

See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

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.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 95-062R  
SPECIAL CONDITIONS  
REF/PERMIT #93-386R

## Town of Dixon, Water Supply and Distribution System

This permit hereby authorizes the applicant:

Town of Dixon  
P.O. Box 38  
Dixon, WY 82323

to construct a water supply infiltration gallery, pump and filter system, and distribution pipeline according to the procedures and conditions of the application number 95-062R. The facility is located in SW ¼ S4 and NW ¼ S9 T12N R90W in the county of Carbon, 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

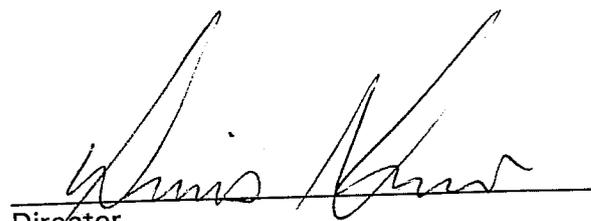
permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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 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 As required by WDEQ Water Quality Rules and Regulations Chapter XII, Section 16 acceptance of a final operations and maintenance manual by the WDEQ is required prior to plant startup.

AUTHORIZED BY:

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

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

6-28-95  
Date of Issuance

RRT/nc 52798.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-062R
- 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.
- Section 10. Treatment: (i) Filtration
- B. Briefly state the basis for the deviation.
- The application contains a proposal for the use of bag filtration. This filtration method is not covered by the WDEQ Chapter XII Water Quality Rules and Regulations. It has been used for other small towns; the engineer specifically referred to examples in Colorado. The Town of Dixon and their engineer performed a pilot test project of the filtration as part of a Level II study for the Wyoming Water Development Commission. The filtration is being installed due to a directive by the EPA, and the EPA issued an acceptance of this proposed filtration method based upon performance of the pilot study. The pilot study has been

reviewed by the WDEQ. The principal concern is with the operation cost from manpower requirements to change the bag filters, and the cost of the filters. The Town has been notified of expected costs (the Level II Filtration Evaluation, page 19, estimates annual filter operation costs at \$12,000/year). The economic decisions of the filter selection are up to the Town and the funding agency(ies).

- 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 the 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 District Supervisor, and completed on 23 June 1995. 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."

RRT/nc 52798.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. 95-063  
\* **CONDITIONED** \*

Green River Sanitary Sewer Improvement Project  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Green River

50 East 2nd North

Green River, WY 82935

to construct sewer line replacements according to the procedures and conditions of the application No. 95-063. The facility is located in SE¼ S22 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described

herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

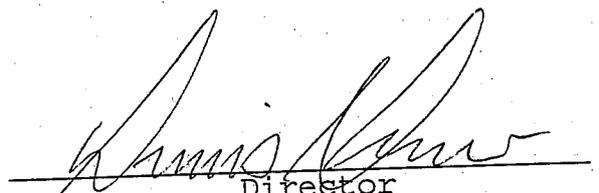
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

03/16/95  
\_\_\_\_\_  
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4 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 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".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-063
- 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.  
NA
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.  
NA
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.  
NA
- 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.  
NA
- B. Briefly state the basis for the deviation.  
NA
- C. Permit based on general or statewide deviation contained in approved policy statement.  
NA

Statement of Basis  
95-063  
March 8, 1995

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

Not Applicable

- 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.

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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.

RE

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 95-064  
SPECIAL CONDITIONS

Bard Arrow Ranch Small Wastewater Treatment Facility

This permit hereby authorizes the applicant:

Basin Cooperative Services  
1717 E. Interstate Ave.  
Bismarck, North Dakota 58501-0564

to construct a residential septic system according to the procedures and conditions of the application number 95-064. The facility is located in NW 1/4 Section 10, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

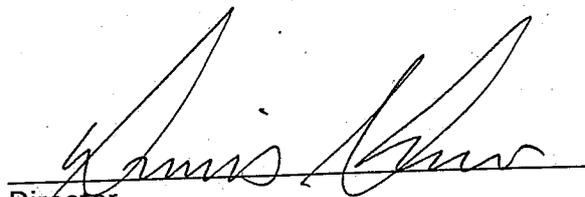
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District, State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

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

AUTHORIZED BY:

  
Administrator  
Water Quality Division

  
Director  
Department of Environmental Quality

3-3-95  
Date of Issuance

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

#### SPECIAL 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".

GLS/mad 50998.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-064

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.

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 1. See footnote. (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.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC

PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 95-065  
SPECIAL CONDITIONS

Water & Sewer Improvements - City of Douglas, Wyoming

This permit hereby authorizes the applicant:

City of Douglas  
101 North Fourth Street  
Douglas, WY 82633

to replace portions of a publicly owned distribution and collection system according to the procedures and conditions of the application number 95-065. The facility is located in Sections 9 & 16, T32N, R71W in the county of Converse, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

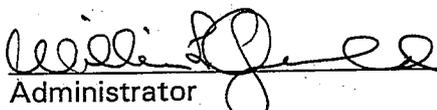
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

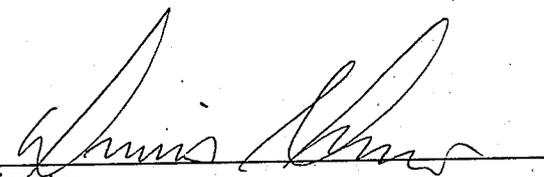
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District, State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

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

AUTHORIZED BY:

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

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

3-13-95  
\_\_\_\_\_  
Date of Issuance

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

#### SPECIAL 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".

GLS/b/51137.ltr

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-065
- 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 for water and No for wastewater
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.  
Yes for wastewater system
- 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(i) part (E) states that pipe size shall not be decreased in the direction of flow
- B. Briefly state the basis for the deviation.  
A proposed 8" sewer main will replace an existing 6" sewer main. The new 8" main discharges into an existing 6" main at a manhole. The main being replaced is in a developed area in which the flows can not be increased and that the downstream 6" main will be replaced in future projects.
- 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. See footnote. (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.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

GS/b/51137.ltr



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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May 11, 1995

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

RE: As-Built Permit To Construct, WQD Reference Number 95-066

Dear Mr. Noe:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application submitted by your engineer, George Barnes of Jack Noblitt & Associates. Our review indicates that the application appears to meet DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers the relocation of the water main 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/GS/jn - 52031.ltr

Enclosure

AS-BUILT  
PERMIT TO CONSTRUCT

New  
Renewal  
 Modified

PERMIT NO. 95-066

REF/PERMIT #94-432

Terra West LLC

This permit hereby authorizes the applicant:

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

to modify the horizontal location of the proposed water line according to the procedures and conditions of the application number 95-066. The facility is located in NW 1/4 Section 19, T13N, R66W in the county of Laramie, 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.

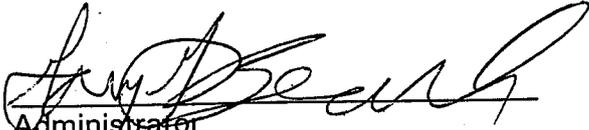
The permittee shall allow authorized representatives from the DEQ, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

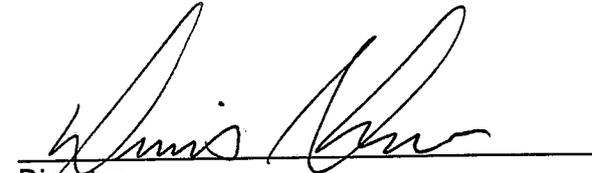
Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/or operator to comply with all applicable federal, state and local laws or regulations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

AUTHORIZED BY:

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

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

5-12-95  
Date of Issuance

GLS/jn - 52031.ltr

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-066
- 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.  
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. 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 May 10, 1995. 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. 95-067  
\* CONDITIONED \*

Town of Hanna Privy  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Town of Hanna  
P.O. Box 99  
Hanna, WY 82327

to construct a privy according to the procedures and conditions of the application No. 95-067. The facility is located in S24 T22N R82W (Hanna Cemetery) in the County of Carbon, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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 Department of Environmental Quality, 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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

3-17-95  
\_\_\_\_\_  
Date of Issuance

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

RRT/mad/b/51084.ltr

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4 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 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".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-067
- 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.
- NA
- B. Briefly state the basis for the deviation.
- NA
- C. Permit based on general or statewide deviation contained in approved policy statement.
- NA

Statement of Basis  
95-067  
March 8, 1995

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

Not Applicable

- 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.

RRT/mad/b/51084.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. 95-068  
\* **CONDITIONED** \*

Jackson State Bank - West Branch  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

The Jackson State Bank

P.O. Box 1788

Jackson, WY 83001

to construct a 6 inch ductile iron water main with backflow prevention devices according to the procedures and conditions of the application No. 95-068. The facility is located in NE ¼ Section 22, T41N, R116W in the County of Teton, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is

solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

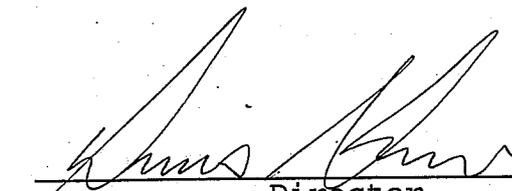
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

3-20-95  
\_\_\_\_\_  
Date of Issuance

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

JH/jyi  
b/51214.ltr

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

Permit to Construct  
Jackson State Bank - West Branch  
95-068  
Page 3

2. of 4 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 4 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 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".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-068
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. NO
- B. Chapter XII. YES
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- YES
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- NO
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- NO
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- N/A
- B. Briefly state the basis for the deviation.
- N/A
- C. Permit based on general or statewide deviation contained in approved policy statement.
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.
- NOT

Statement of Basis  
95-068  
March 17, 1995

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.

JH/b/51214.ltr

## PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 95-069RR  
SPECIAL CONDITIONS

### Wyoming Department of Transportation Maintenance Facility - Jackson

This permit hereby authorizes the applicant:

Wyoming Department of Transportation  
P.O. Box H  
Jackson, WY 83001

to construct a lift station and double lined evaporation pond with leak detection system according to the procedures and conditions of the application number 95-069RR. The facility is located in SE¼ Section 3, T39N, R116W in the county of Teton, 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

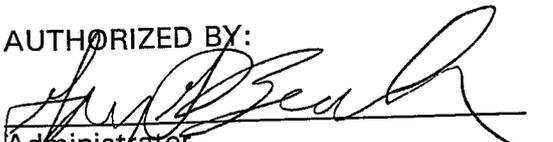
permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

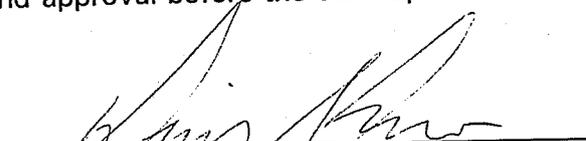
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

1. of 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 The leak detection manhole must be checked for accumulation of water on a monthly basis. Each inspection must be recorded in a log book with the records maintained on site and available for review by authorized Department of Environmental Quality, Water Quality Division (DEQ/WQD) representatives.

If a leak is detected, it must be repaired in a timely and diligent manner. Any leaks must be reported to the DEQ/WQD in Lander by calling 307-332-3144 immediately after discovery.
6. of 6 The final draft of the Operations and Maintenance manual must be submitted to the DEQ/WQD with sufficient lead time to allow for review and approval before the start up of the facility.

AUTHORIZED BY:

  
Administrator  
Water Quality Division

  
Director  
Department of Environmental Quality

9-27-95  
Date of Issuance

## STATEMENT OF BASIS

General information.

A. Permit Number: 95-069RR

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. 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

V. 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:

Yes, the evaporation pond will be double lined with impervious 40 mil polypropylene liners with a drainage net between discharging to a leak detection sump.

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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.

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

No

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

No

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:

No

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:

No

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.

No

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.

Yes, Any water found in the leak detection manhole constitutes a leak that must be repaired in a timely and diligent manner. The leak detection sump must be checked for any water monthly and a log of inspections maintained at the site.

#### 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 Jeff Hermansky, Northwest District Supervisor, and completed on September 19, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

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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December 1, 1995

Mr. Fred Miller  
6414 North College Drive  
Cheyenne, Wyoming 82009

RE: **LETTER OF INQUIRY:** Status of project approved by Permit to Construct # 95-070.

Dear Mr. Miller:

On March 20, 1995 you were issued a Permit to Construct # 95-070 for the Miller Trailer Court. This permit was for the addition of 256 lineal feet of trench to an existing leach field and to replace the existing septic tank with a new 2500 gallon septic tank. On November 29, 1995 the Wyoming Department of Environmental Quality (DEQ)/Water Quality Division (WQD) received a CERTIFICATION OF COMPLETION form from you which indicated that the project had been completed in compliance with all terms and conditions of the permit. However, the Laramie County Environmental Health Division (LCEHD) has indicated to the WQD that their initial inspection only found 210 linear feet of trench to have been installed. They were never called back to inspect the installation of the remaining 46 linear feet. This leads the WQD to ask the question, was the remaining 46 linear feet of trench installed?

If the remaining trench was installed this needs to be verified by an on-site inspection by the LCEHD to satisfy condition 5 of the permit. If the remaining 46 feet of trench were not installed, or the approved plans were altered in any other way, then the construction is not in compliance with the permit and needs to be completed according to the approved plans.

Please contact the WQD within 10 days of receipt of this letter to explain exactly what the status of the construction for this project is. After being informed of the status of this construction, the WQD will determine what needs to be done, if anything, to be in compliance with the permit as issued.

If you have any questions, please call me at (307) 777-7088.

Sincerely,

  
Gary Steele  
SE District Supervisor  
Water Quality Division

JS/RE/bb/55455.ltr

cc: Donald M. Hopkins, Hopkins & Assoc., Inc., 3314 Birch Place, Cheyenne, Wyoming 82001  
Gary Hickman, Laramie County Environmental Health Division

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 95-070  
SPECIAL CONDITIONS

Miller Trailer Court

This permit hereby authorizes the applicant:

Fred Miller  
6414 North College Drive  
Cheyenne, WY 82009

to add 256 lineal feet of trench to an existing leach field and to replace the existing septic tank with a 2500 gallon tank according to the procedures and conditions of the application number 95-070. The facility is located in Section 15, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

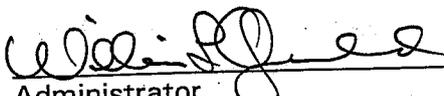
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

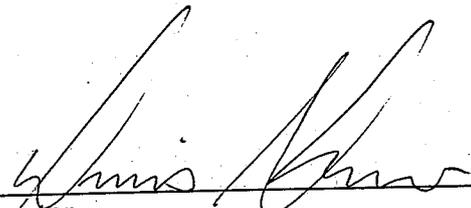
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District, State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

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

AUTHORIZED BY:

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

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

3-20-95  
\_\_\_\_\_  
Date of Issuance

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

#### SPECIAL 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

GLS/b/51212.ltr

cc: Don Pack, Laramie County Environmental Health

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 95-070

### 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.

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. See footnote. (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.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

GS/b/51212.ltr

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

Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

**PROJECT:** Miller Trailer Court (Leach field modification)

**ENGINEER:** Donald M. Hopkins  
DM Hopkins & Assoc. Inc.  
3314 Birch Place  
Cheyenne, WY 82001

**APPLICANT:** Fred Miller  
6414 North College Drive  
Cheyenne, WY 82009

**WATER QUALITY REFERENCE NUMBER:** 95-070

**APPROVING ENGINEER:** Gary Steele 

**DATE OF REVIEW:** March 10, 1995

**ACTION:** NOT AUTHORIZED FOR CONSTRUCTION

**COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:**

- 1 of 3 The Facility Description indicates that the existing leach field has a total length of 450 feet. The Percolation Test information indicates that the existing leach field consists of 630 lineal feet. Please clarify this information.
- 2 of 3 The Percolation Test information uses 1.5 feet of rock under the pipe in calculating the trench loading rate. The trench detail shows 12 inches of rock under the pipe. Please clarify this item and indicate the amount of rock under the pipe of the existing leach field.
- 3 of 3 The plans indicated that a 1,500 gallon septic tank exists for this facility. Although the septic tank is not part of the modification and will not be included in the Construction Permit the tank should be addressed since it is too small. The septic tank could be passing solids onto the leach field and clogging the leach field. Proper sizing of the septic tank would require an additional 600 gallons of storage.

GS/nc 51133.LTR

PERMIT TO CONSTRUCT

- [ ] New  
[X] Renewal  
[ ] Modified

Permit No. 95-071  
\* **CONDITIONED** \*  
REF: 94-506

Cody - Beck Lake Plaza Water & Sewer  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Mountain Holding, Inc.

Bill Nielson, Chairman

1825 Big Horn Avenue

Cody, WY 82414

to install approximately 350 lineal feet of eight (8) inch diameter PVC sewer pipe and approximately 1240 lineal feet of eight (8) diameter water line and appurtenances according to the procedures and conditions of the application No. 95-071. The facility is located in NW¼, Section 6, T52N, R101W, City of Cody in the County of Park, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the

construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

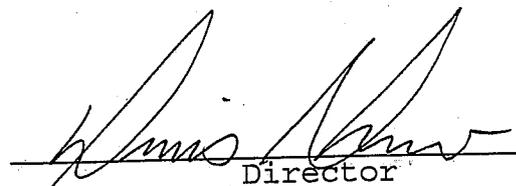
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

3/22/95  
\_\_\_\_\_  
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4 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 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".

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-071

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. YES

III. Basis for issuing permit.

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

NO

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

Chapter XI, Section 9, Manholes; Requires a maximum 400 feet separation between manholes for sewer line diameters less than 15 inches. The separation between manholes #1 and #2 of this project is 477 feet.

B. Briefly state the basis for the deviation.

The application includes a letter stating the City has the capability of cleaning a sewer with a manhole separation of this distance.

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

Statement of Basis  
95-071  
March 21, 1995

N/A

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

N/A

- 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.

PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 95-072  
SPECIAL CONDITIONS

Southwest Casper Water Project

This permit hereby authorizes the applicant:

City of Casper  
200 N. David  
Casper, Wyoming 82601

to construct, install or modify a water distribution system and water storage tank according to the procedures and conditions of the application number 95-072. The facility is located in the SE/4 of Section 23, SE/4 of Section 28 and the NE/4 of Section 33 of Township 33 North, Range 80 West in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of one year from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

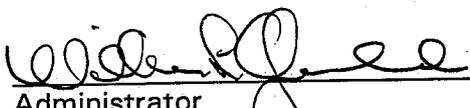
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Northeast District, State of Wyoming, Department of Environmental Quality, Water

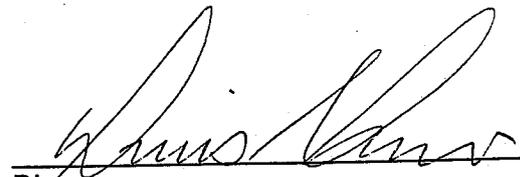
Quality Division, 1043 Coffeen Avenue Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457.

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

AUTHORIZED BY:

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

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

3/30/95  
\_\_\_\_\_  
Date of Issuance

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

#### STANDARD 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 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

Permit #95-072

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".

BDM/pr: March 27, 1995 /nc 51330.LTR

Attachments: Notification Post Card  
Certification of Completion Form  
Statement of Basis

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-072
- 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. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

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.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

BDM/pr: March 27, 1995 /nc 51330.LTR

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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October 16, 1995

Stacey Overgaard  
Safety and Environmental Compliance  
Panhandle Cooperative Association  
P.O. Box 2188  
Scottsbluff, NE 69363-2188

Re: Permit No. 95-073  
Panhandle COOP Fertilizer Plant  
Torrington, WY

Dear Ms. Overgaard:

I am writing this letter in response to your letters dated May 1, 1995 and June 19, 1995. Comments, recommendations, and requirements are summarized on the enclosed Groundwater Pollution Control (GPC) Program Review Form.

Please contact me directly should you have any questions about this review.

Sincerely,

*Phillip Stump*  
Phillip Stump  
Senior Environmental Analyst  
Water Quality Division

PBS/bb/54685.ltr

Enclosures: Groundwater Pollution Control Review Form  
WQD Laboratory Analysis Results

cc: Kevin Frederick, Supervisor, GPC Program  
Gary Gerhard, Baker & Associates

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:** Panhandle COOP Fertilizer Plant  
Torrington, WY

**APPLICANT:** Stacey Overgaard  
Panhandle Cooperative Association  
P.O. Box 2188  
Scottsbluff, NE 69363-2188  
(308) 632-5301

**APPLICANT'S  
CONSULTANT:** Gary Gerhard  
Baker & Associates  
P.O. Drawer E.  
215 East 21st. Ave.  
Torrington, WY 82240

**WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER:** **95-073**

**TITLE:** Letters from Panhandle Cooperative Association

PROPOSAL     PLANS     REPORTS     Letters

**DATE ON PROPOSAL/PLANS/LETTERS:** May 1, and June 19, 1995

**IS THIS PROPOSAL SUBMITTED PURSUANT TO:**

'CONDITIONS' TO ANY WDEQ/WQD PERMIT?    NO\_    YES  95-073  
AN LOV, NOV OR OTHER ENFORCEMENT?    NO\_    YES\_

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

**DATE OF LAST REVIEW:** April 18, 1995

**DATE OF THIS REVIEW:** October 16, 1995

## I. SUMMARY OF EXISTING CONTAMINATION:

1. The monthly nitrate samples from monitoring well (MW-49) which lies downgradient from the COOP fertilizer facility has increased significantly in the two most recent sampling events ( $\text{NO}_3$  as N levels were 24.0 and 51.8 mg/l during 7/14/95 and 8/17/95 sampling events, respectively.) The new monitoring well was not sampled during these events; although, the initial sampling analysis results performed on 5/16/95 were as follows: ( $\text{NH}_4$  as N = 0.17 mg/l and  $\text{NO}_3$  as N = 2.74 mg/l).
  - 1.1 As stated in WQD's January 17, 1995 Letter of Violation and re-stated here, the previous sampling event and the recent sampling event are sufficient evidence to indicate that a discharge of pollution has occurred from the COOP facility. WQD is seriously concerned about the increases in the nitrate concentrations measured in MW-49 during the July and August sampling events.
2. There is a strong correlation between a rising water table and the increase in the nitrate concentrations. This increase may be caused by a zone of residual soil and water contamination that exists in the capillary zone of the water table. As the water table rises the contaminated soils and water in the unsaturated zone are sources of the dissolved groundwater contamination. The vertical and horizontal extent of this soil contamination may need to be delineated and remediated to Wyoming Standards. Subsequent groundwater sampling events will help identify the source of the groundwater contamination and indicate the need for further remedial actions.
  - 2.1 A potential source of the groundwater contamination may also be due to the infiltration of a front of water in the unsaturated zone that carries contamination vertically downward. Significant precipitation events or a large surface spill of liquid fertilizer would provide a source of recharge water that could move downward and impact the groundwater.
3. As indicated by the enclosed WQD's laboratory analysis results, the groundwater sampling conducted by Phillip Stump on August 15, 1995 did not detect any dissolved hydrocarbons (i.e., Total Petroleum Hydrocarbon [TPH] or Benzene, Ethyl benzene, Toluene, Xylene [BETX]) in MW-49 and the new monitoring well.
4. The WQD AUST/LAUST Program August 28, 1995, letter to Mr. C.H. Brown indicated that the removed underground storage tank (UST) appeared to be in fair condition. The laboratory analysis of soil samples taken beneath the UST were well within regulatory limits.
  - 4.1 Since hydrocarbon were not detected in the new monitoring well, COOP shall begin monthly sampling of the new well and MW-49 following receipt of this review.

**II. REQUIREMENTS/REQUESTS/RECOMMENDATIONS:**

1. If the continued groundwater sampling in the future indicates that a spill and/or leak has occurred at the COOP Fertilizer Plant, WDEQ/WQD will require that the COOP facility provide the information requested in WQD's April 18, 1995 GPC Review (*Requirements/Requests/Recommendations 2.1*).
2. WDEQ/WQD requests that the Monthly Inspection Schedule be maintained on-site and that it is available for WDEQ/WQD personnel during site visits.
3. During subsequent sampling events, monitoring well MW-49 and the new well shall be analyzed for the analytical parameters listed in WQD's LOV dated January 17, 1995. If prior approval is obtained from WQD, the analysis for specific parameters can be discontinued after the first sampling event. As requested in Permit No. 95-073 (Condition 1 of 12), the monitoring wells shall be continued to be sampled monthly for nitrate as N, ammonia as N, and TDS. After 6 months of sampling events, COOP can petition to reduce the parameters to be analyzed.

**END OF REVIEW**

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
 WATER QUALITY DIVISION  
 GROUNDWATER MONITORING REPORT

SAMPLE/POINT

Date Collected 8 / 15 / 95  
 Mo Day Yr  
 Time Collected 10 a.m.

Project Name Torrington Fertilizer Plant

SAMPLE ID	LAB NO.	PARAMETER	UNITS	RESULTS	COMMENTS
8-15-49-01	950374	TPH	mg/l	< 1	
-49-02		B	mg/l	< 0.5	BTEX EXCEEDED
"		E	↓	< 0.5	HOLDING TIMES
"		T	↓	< 0.5	
"		X	↓	< 0.5	
-49-03		Chlorides	mg/l	28.6	
"		TDS	↓	1088	
"		Alkalinity	↓	280	
8-15-N-01	950375	TPH	↓	< 0.5	
-N-02		B	mg/l	< 0.5	
"		E	↓	< 0.5	
"		T	↓	< 0.5	
"		X	↓	< 0.5	
-N-03		Chlorides	mg/l	23.3	
"		TDS	↓	704	
"		Alkalinity	↓	240	
8-15-N-04		B	mg/l	< 0.5	
"		E	↓	< 0.5	
"		T	↓	< 0.5	
"		X	↓	< 0.5	

SIGNATURES	DATE
Sampled by <u>Phillip Stange</u>	<u>8-15-95</u>
Witnessed by _____	_____
Reviewed by <u>P. Q. Nish</u>	<u>9/13/95</u>

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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April 18, 1995

Stacey Overgaard  
Safety and Environmental Compliance  
Panhandle Cooperative Association  
P.O. Box 2188  
Scottsbluff, NE 69363-2188

Re: Permit No. 95-073  
Panhandle COOP Fertilizer Plant  
Torrington, WY

Dear Ms. Stacey Overgaard,

I am writing this letter in response to your letters dated March 6 and March 20, 1995. Comments, recommendations, and requirements are summarized on the enclosed Groundwater Pollution Control (GPC) Program Review Form. WDEQ/WQD approves the installation of the proposed monitoring well (**Permit No. 95-073**) as required by the WDEQ/WQD's Letter of Violation (LOV) dated January 17, 1995.

Please contact me directly should you have any questions about this review.

Sincerely,

*Phillip Stump*  
Phillip Stump  
Senior Environmental Analyst  
Water Quality Division

PS/jn - 51695.ltr

attachments: Chapter III Permit  
Groundwater Pollution Control Review Form

cc: Kevin Frederick, Supervisor, GPC Program  
Gary Gerhard, Baker & Associates

PERMIT TO CONSTRUCT

X    New  
      Renewal  
      Modified

PERMIT NO. 95-073  
SPECIAL CONDITIONS

Panhandle COOP Fertilizer Plant

This permit hereby authorizes the applicant:

Panhandle Cooperative Association  
P.O. Box 2188  
Scottsbluff, NE 69363-2188

to construct, install or modify monitoring wells according to the procedures and conditions of the application number 95-073. The facility is located in Torrington in the county of Goshen, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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 Department of Environmental Quality, 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: GPC Program, SE District Supervisor, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

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

AUTHORIZED BY:

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

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

4-20-95  
Date of Issuance

PS/jn - 51702.ltr

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

1. of 12            Monitoring wells (MW-4 and the new well) shall be sampled monthly and the groundwater analyzed for the following listed parameters and according to the EPA Method stated:

<u>Matrix</u>	<u>Compounds</u>	<u>EPA Method</u>
Water	nitrate as N	353.2
Water	ammonia as N	350.1
Water	Total Dissolved Solids (TDS)	160.1

**Note:** If prior approval is obtained from WDEQ/WQD, the sampling parameters and/or frequency may be altered.

2. of 12            **Within ninety (90) days following the issuance of this permit,** a report of summarizing the sampling results shall be submitted to WDEQ/WQD.

3. of 12            The groundwater monitoring wells/piezometers shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 95-073. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).

4. of 12            Monitoring well/piezometer construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well/piezometer casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells/piezometers must be constructed from materials free of material having the potential to contaminate groundwater samples.

5. of 12            All downhole equipment shall be de-contaminated between wells (borings) to minimize the potential for cross-contamination.

6. of 12            Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells/piezometers 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.

7. of 12            After the monitoring wells/piezometers 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.
  
8. of 12            Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells/piezometers 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.
  
9. of 12            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 wells/piezometers shall be installed to define the nature and extent of the contamination.
  
10. of 12           DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells/piezometers and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.
  
11. of 12           Proper monitoring well/piezometer evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well/piezometer dry once, whichever occurs first. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.
  
12. of 12           Water which is collected during monitoring well/piezometer development or sampling shall be disposed of properly. The permittee shall obtain permission from the owner for disposal into a storm sewer, sanitary sewer, wastewater treatment plant, disposal pond or other facility or shall obtain authorization from DEQ to apply to the surface or discharge to any waters of the state.

**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:** Panhandle COOP Fertilizer Plant  
Torrington, WY

**APPLICANT:** Stacey Overgaard  
Panhandle Cooperative Association  
P.O. Box 2188  
Scottsbluff, NE 69363-2188  
(308)632-5301

**APPLICANT'S  
CONSULTANT:** Gary Gerhard  
Baker & Associates  
P.O. Drawer E.  
215 East 21st. Ave.  
Torrington, WY 82240

**WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 95-073**

**TITLE:** Letters: Replies to Wyoming WDEQ/WQD Letter of Violation (January 17, 1995).

**PROPOSAL**  **PLANS**  **REPORTS**

**DATE ON PROPOSAL/PLANS/LETTERS:** March 6, and March 20, 1995

**IS THIS PROPOSAL SUBMITTED PURSUANT TO:**

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

AN LOV, NOV OR OTHER ENFORCEMENT? NO  YES  LOV

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

**DATE OF LAST REVIEW:** N/A

**DATE OF THIS REVIEW:** April 18, 1995

## **1 SUMMARY OF EXISTING CONTAMINATION:**

- 1.1 Please refer to the WDEQ/WQD Letter of Violation, dated January 17, 1995. WDEQ/WQD understands that the property where the COOP Fertilizer Plant is presently located is being leased from the Burlington Northern Railroad (BNRR). At the present time, the fertilizer plant is not planning to construct impermeable containment and/or secondary containment structures to contain potential chemical leaks and/or spills. The fertilizer plant may be relocating to a new location in the future.
- 1.2 The fertilizer plant has installed a containment structure and an earthen dike around the well point. An air brake valve was installed as a backflow preventor at the top of the bulk storage water tank located next to the well point.
- 1.3 Panhandle COOP Association has submitted a Contingency Plan and a Spill Prevention Control & Countermeasure (SPCC) Plan. The Contingency Plan describes plans of action in case of fire, explosion, spill or acts of God involving hazardous materials stored at different COOP facilities in Torrington and Lingle, Wyoming. The SPCC describes operations at the fertilizer plant in Torrington. The SPCC states that employees will regularly perform informal inspections of the storage tanks, valves, and piping. A formal inspection will occur on a monthly basis by the Plant Manager or personnel designated by the manager. The monthly inspection will be documented on the Monthly Inspection Schedule form in the SPCC Plan and the records will be maintained for 3 years.
- 1.4 In the event of a spill event, Panhandle COOP will notify the WDEQ/WQD pursuant to Wyoming Water Quality Rules & Regulations, Chapter IV, and the Spill History form in the SPCC plan will be completed.

## **2 REQUIREMENTS/REQUESTS/RECOMMENDATIONS:**

- 2.1 If groundwater sampling in the future indicates that a spill and/or leak has occurred at the COOP Fertilizer Plant, WDEQ/WQD requests that the plant shall provide the following records:
  - 2.1.1 time and date when aboveground fertilizer tanks are filled with liquid fertilizer;
  - 2.1.2 time and date when any distribution tanks are filled with liquid fertilizer;
  - 2.1.3 time and date when water at the well point is pumped into any tank;
  - 2.1.4 time and date when any tanks are cleaned on-site and how wastewater is disposed of;  
and
  - 2.1.5 time and dates of any significant runoff events (i.e., precipitation or snowmelt).
- Note:** If the date of the spill and/or leak is not know, the records from the previous two months of operation shall be provided.
- 2.2 WDEQ/WQD requests that the Monthly Inspection Schedule be maintained on-site and that it is available for WDEQ/WQD personnel during site visits.

2.3 During the first sampling event, monitoring well MW-4 and the new well shall be analyzed for the analytical parameters listed in WDEQ/WQD's LOV dated January 17, 1995. If prior approval is obtained from WDEQ/WQD, the analysis for specific parameters can be discontinued after the first sampling event.

2.4 WDEQ/WQD authorizes **Permit to Construct #95-073** under the following **CONDITIONS**:

1. of 12 Monitoring wells (MW-4 and the new well) shall be sampled ~~monthly~~ and the groundwater analyzed for the following listed parameters and according to the EPA Method stated:

<u>Matrix</u>	<u>Compounds</u>	<u>EPA Method</u>
Water	nitrate as N	353.2
Water	ammonia as N	350.1
Water	Total Dissolved Solids (TDS)	160.1

**Note:** If prior approval is obtained from WDEQ/WQD, the sampling parameters and/or frequency may be altered.

2. of 12 **Within ninety (90) days following the issuance of this permit**, a report of summarizing the sampling results shall be submitted to WDEQ/WQD.

3. of 12 The groundwater monitoring wells/piezometers shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number ~~95-073~~. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).

4. of 12 Monitoring well/piezometer construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well/piezometer casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells/piezometers must be constructed from materials free of material having the potential to contaminate groundwater samples.

5. of 12 All downhole equipment shall be de-contaminated between wells (borings) to minimize the potential for cross-contamination.

6. of 12 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells/piezometers 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.

7. of 12 After the monitoring wells/piezometers 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.

8. of 12 Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells/piezometers 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.
9. of 12 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 wells/piezometers shall be installed to define the nature and extent of the contamination.
10. of 12 DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells/piezometers and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.
11. of 12 Proper monitoring well/piezometer evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well/piezometer dry once, whichever occurs first. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.
12. of 12 Water which is collected during monitoring well/piezometer development or sampling shall be disposed of properly. The permittee shall obtain permission from the owner for disposal into a storm sewer, sanitary sewer, wastewater treatment plant, disposal pond or other facility or shall obtain authorization from DEQ to apply to the surface or discharge to any waters of the state.

**END OF REVIEW**

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 95-074  
\* CONDITIONED \*  
REF. 92-050R

ARPS Subdivision Water Distribution System  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Dan Arps

1501 Crestway

Worland, WY 82401

to construct a water distribution system according to the procedures and conditions of the application No. 95-074. The facility is located in SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 20, T47N, R92W in the County of Washakie, in the State of Wyoming. This permit shall be effective for a period of four (4) years from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities

allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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 Department of Environmental Quality, 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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

3-13-95  
\_\_\_\_\_  
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4 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 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".

STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 95-074
- II. Application reviewed for compliance with the following regulations.
  - A. Chapter XI. NO
  - B. Chapter XII. YES
- III. Basis for issuing permit.
  - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.  
YES
  - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.  
NO
  - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.  
NO
- IV. Facilities not specifically covered by regulations.
  - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.  
N/A
  - B. Briefly state the basis for the deviation.  
N/A
  - C. Permit based on general or statewide deviation contained in approved policy statement.  
N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

Statement of Basis  
95-074  
March 8, 1995

NOT

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.

**PERMIT TO CONSTRUCT**

New

Renewal

Modified

Permit No. 95-075  
\* **CONDITIONED** \*

**Whitlock II Waterline Extension**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Powell  
P. O. Box 1008  
Powell, WY 82435

to construct about 1600 lineal feet of eight (8) inch diameter ductile iron waterline according to the procedures and conditions of the application No. 95-075. The facility is located in SE1/4, NE1/4, Sec. 14, T55N, R99W in the County of Park, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

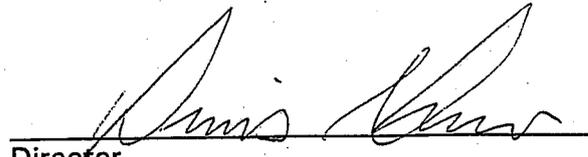
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

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

3/22/95  
\_\_\_\_\_  
Date of Issuance

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

JH/jm - 51257.LTR

STANDARD CONDITIONS 1 through 4

1. of 4            The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4            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 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".

## STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-075

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. NO

B. Chapter XII. YES

III. Basis for issuing permit.

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

YES

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

NOT APPLICABLE

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.

PERMIT TO CONSTRUCT

[X] New  
[ ] Renewal  
[ ] Modified

PERMIT NO. 95-076  
SPECIAL CONDITIONS

Ziggyland Residence Septic System

This permit hereby authorizes the applicant:

Catherine J. Allred  
7169 W. Addison Street  
Chicago, IL 60634

to construct, install or modify a residential septic system according to the procedures and conditions of the application number 95-076. The facility is located in the NE/4 of the SW/4 of Section 26 of T54N 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

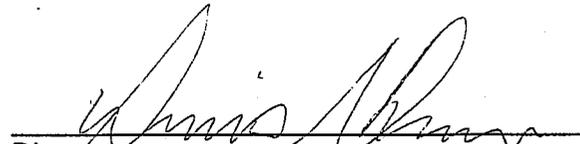
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Northeast District, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457.

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

AUTHORIZED BY:

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

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

3-13-95  
\_\_\_\_\_  
Date of Issuance

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

#### STANDARD 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 Sheridan 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 Sheridan 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".

DRM/pr:03/08/95 - 51108.ltr

xc: Crook County Small Wastewater File

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 95-076

### 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. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

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.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC

M E M O R A N D U M

TO: IPS  
FROM: NORMA  
DATE: 10/02/95  
RE: PERMIT 95-077

THIS IS A JOINT PERMIT BETWEEN SOLID WASTE & WATER QUALITY. SINCE PHIL STUMP IS OUT, SOMEONE APPARENTLY GAVE CARL ANDERSON THE BOILER PLATE PERMIT FROM WATER QUALITY AND SOLID WASTE DID THE PERMIT. CARL IS TAKING THE PERMIT AROUND FOR SIGNATURES AS THEY WANT IT TO GO OUT TODAY. HE WILL MAKE COPIES FOR THE SOLID WASTE FILES & GIVE US THE ORIGINAL FOR OUR COPIES AND DISTRIBUTION.

I CHECKED PHIL'S DESK FOR THE PLANS AND THEY ARE LAYING ON HIS FLOOR - ONE IS MARKED FOR GPC FILE AND ONE FOR ARCHIVES. I DON'T KNOW IF HE HAS STAMPED THEM YET AS I DIDN'T CHECK.

JAKE AND PHIL ARE BOTH OUT UNTIL MONDAY, 10/9.

/nc

*Carl talked to me about this as Barb was away from her desk.*



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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October 2, 1995

C.R. Irvin  
Texaco Refining and Marketing Inc.  
10 Universal City Plaza  
Universal City, CA 91608-1097

Re: **Permit to Construct #95-077**  
**Interceptor Trench No. 4**  
Casper, WY

Dear Mr. Irvin:

The Wyoming Department of Environmental Quality (WDEQ), Water Quality Division (WQD) and Solid and Hazardous Waste Division (SHWD) have reviewed the referenced Permit to Construct application materials. Comments, requirements and recommendations are summarized on the enclosed review form. You should be advised, EPA has provided technical review of this application for a Permit to Construct. Notwithstanding compliance with the terms of this permit, Texaco may be required by EPA to take further action necessary to abate releases from the facility. Further, EPA reserves all of its statutory and regulatory powers, authorities, rights, remedies, both legal and equitable, which may pertain to Texaco's failure to comply with any applicable laws and regulations, including RCRA, CERCLA, CWA, SDWA, or any other applicable laws.

Please contact Carl Anderson or Phil Stump should you have any questions about this review.

Sincerely,

Carl Anderson  
Solid and Hazardous Waste Division

Phillip Stump  
Water Quality Division

enclosures: WDEQ Review Form

xc: Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne  
Linda Jacobson, U.S. EPA Region VIII, Denver  
Carl Anderson, WDEQ/SHWD  
Michael F. Clark, TRC Environmental Corporation

ps:F...ATEXACO95-077.RV2

**GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS**

**WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION/SOLID AND HAZARDOUS WASTE DIVISION**

Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

(307) 777-7781

**PROJECT:** Interceptor Trench No. 4

**APPLICANT:** C.R. Irvin  
Texaco Refining and Marketing Inc.  
10 Universal City Plaza  
Universal City, CA 91608-1097

**APPLICANT'S  
ENGINEER:** Michael F. Clark  
TRC Environmental Corporation  
11 Inverness Drive East  
Englewood, CO 80112

**WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER:** 95-077

**TITLE:** Response to Comments for Permit to Construct #95-077

PROPOSAL       PLANS       REPORT

**DATE ON PROPOSAL/PLANS/REPORT:** June 5, 1995

**IS THIS PROPOSAL SUBMITTED PURSUANT TO 'CONDITIONS' TO ANY WDEQ/WQD PERMIT?**

YES       NO

**REVIEWING WQD PERSONNEL:** Phillip Stump

**REVIEWING SHWD PERSONNEL:** Carl Anderson

**DATE OF LAST REVIEW:** May 4, 1995

**DATE OF THIS REVIEW:** October 2, 1995

**ACTION:** AUTHORIZED FOR CONSTRUCTION

The following comments are formatted consistent with the WDEQ review document (dated May 4, 1995) and with Texaco's response document (dated June 5, 1995). The response document was prepared on behalf of Texaco by TRC Environmental Corporation. No comments are provided for issues that have been resolved with the State or EPA Region VIII, respectively.

**I. REQUEST/REQUIREMENTS/RECOMMENDATIONS:**

**GENERAL COMMENTS**

**WDEQ - WOD & SHWD**

1. Texaco's response document states excavated trench soils will be sampled and characterized prior to disposal. However, the June 26, 1995 correspondence from TRC Environmental Corp. indicates excavated soils from the trench will be managed as solid wastes because soils from a boring near the location of manhole #1 and from two borings over 50 ft. from Trench 4 are characterized as nonhazardous. The department's position is that the soil boring samples may not be representative of soils potentially excavated from the trench. However, Texaco continues to assert sufficient facility knowledge and analytical data exist to conclude the excavated wastes will not be hazardous. Under state and federal hazardous waste regulation, the generator can use waste knowledge to make a waste determination. The department will continue to recommend that excavated soils specifically be sampled and analyzed. If new waste management units or areas of contamination (e.g., areas with significant DNAPL) deemed to be unrepresentative of conditions used to make the waste determination are encountered, Texaco will need to specifically sample and analyze those wastes. Additional characterization may be necessary if the wastes are proposed to be managed at the land treatment facility.
2. If the contractor uses a method to install the trench that does not generate wastewater, a general description of the method shall be submitted prior to construction. This information shall include a description of the techniques to be used and the level of the present water table below several locations along the length of the proposed trench. Furthermore, if dewatering is necessary (see comment 5, below), Texaco must submit to the DEQ and EPA any dewatering plan prior to trench construction. At a minimum, the plan must address the volume of water generated and how it will be characterized, managed and treated, including where it will be stored and discharged.
5. The argument that bedrock fractures would be less permeable than the surrounding unfractured bedrock is not supported by actual site-specific data. It has been determined that fractures can provide a significant conduit to dissolved and free phases of hydrocarbon contamination. The RFI work performed at LARCo's Casper refinery identified significant flow of ground water through fractures in the Mesa Verde formations. In order to adequately characterize bedrock fractures and their potential to act as a contaminant migration pathway, Texaco will be required to have a qualified geologist describe the bedrock fractures exposed during trench construction dewatering. If the trench is not dewatered during construction, it will be necessary for Texaco to dewater the trench one time to make this assessment. Characterization of the bedrock fractures should include a description of their orientation, pattern, density, spacing, and secondary mineralization and an assessment of the fracture permeability relative to the primary permeability of the bedrock. In order to satisfy this requirement, and in lieu of fracture assessment during trench dewatering, Texaco may use data and information obtained from previous bedrock geotechnical work and from direct observation of bedrock outcrop (by a qualified geologist), if that outcrop correlates stratigraphically with, and is representative of, bedrock encountered during trench excavation.
7. Many of the specific concerns originally identified in the review document have not been addressed in the response document.

- (a.) Site characterization items of particular concern include bedrock elevations, bedrock integrity, drawdown, capture zone/zone of influence, performance monitoring, and perforation of spacing needed in the underdrain pipe. These concerns are described in other comments in this review.
  - (b.) Items of particular concern related to excavated soil characterization, dewatering plan, trench effectiveness monitoring, and the health and safety plan. All of these concerns with the exception of the health and safety plan are addressed in other comments in this review. The health and safety plan which is to be developed 5 days after notifying the contractor shall be submitted to DEQ and EPA prior to construction.
8. Texaco is aware of the state's and EPA's concerns regarding the trench's effectiveness in capturing DNAPL or in preventing the flow of DNAPL beneath the underdrain. WDEQ is aware that it would not be practicable to relocate the interceptor trench after construction and that the trench location should be above the 100 year flood plain. Although, if the remedial action is deemed necessary for the thicker pools of DNAPLs identified downgradient of the trench, additional recovery trenches or recovery wells and/or containment systems may be needed.
9. In order to ensure adequate LNAPL recovery during high ground water events, Texaco must draw down the ground water into the underdrain pipe weekly, rather than semi-monthly.
12. (a.) Attachment 4 of the response document contains benzene isopleths and figures of LNAPL and DNAPL, but other dissolved groundwater contamination plumes have not been presented.
- (c.) Revised drawing 11116-03 does not describe the fate of wells SS-33, SS-33s, and SS-119. These wells should either be protected or removed and then replaced after the installation of the trench. In addition, SS-5 and either SS-33 or SS-33s, and SS-119 must be replaced (or protected) to serve as part of the trench performance monitoring system.
13. (e.) Bedrock elevations given in the response document for TH1 and TH2 are not correct. During a phone conversation on June 21, 1995, Greg Groene (TRC) confirmed the provided elevations were surface elevations and the bedrock elevations were actually 5072.7 for both boreholes. The "As-Built" Revised Drawing 11116-03 shall reflect the actual bedrock elevations.
14. (a.) Prior to construction, please provide a finalized map of the proposed locations of the piezometers and the monitoring wells in the trench performance monitoring system (i.e., trench piezometers, any additional wells/piezometers to be installed or replaced in the immediate area.) The trench piezometers shall be screened to the depth of the main drainline invert to enable the detection and measurement of DNAPL thickness. Any new monitoring wells and piezometers shall be 'screened over the water table and at the bedrock interface' to enable monitoring of the static water level, and DNAPL and LNAPL thicknesses. 'As-built' construction detail and borehole logs shall be submitted for any new wells and piezometers.

In evaluating trench performance relative to dissolved constituents, the permit requires Texaco to evaluate downward, asymptotic, flat or upward trends on time vs concentration plots of the constituent data. These trends need to be evaluated with respect to the trench's effectiveness in halting releases of dissolved constituents to the area between the trench and the river. The department acknowledges that residual contamination exists in this area. However, the trench should effectively eliminate any further 'loading' of the system by flow of dissolved constituents or free product to

this area. For purposes of the permit, the department would consider a downward trend approaching or going below a constituent level specified in Appendix A of the permit as an indication that the trench is effective in controlling releases of that constituent. Downward trends that become asymptotic before reaching an Appendix A constituent level would probably reflect the effectiveness of the trench in controlling releases of that constituent, but that significant residual contamination for that constituent exists in the soils between the trench and river. A second possible conclusion that may be reached is that the trench is only partially effective in controlling releases of the constituent. Flat or upward trends would probably be an indication the trench has not been effective in controlling releases of dissolved constituents and/or free product. If flat, upward or asymptotic (above an Appendix A constituent level) trends are noted during the first six (6) months of trench operation, Texaco must meet with the department to discuss the trends and possible modifications to the trench system to make it more effective in controlling flow past the trench of dissolved constituents and/or free product.

15. If NAPL emulsions in the Trench No. 4 sump cause significant problems with recovery and treatment operations, modifications to the system will be required (i.e., dual pump systems, dedicated product-only pump to recovery DNAPL, etc.).

# PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 95-077  
SPECIAL CONDITIONS  
REF/PERMIT #.

## Interceptor Trench No. 4

This permit hereby authorizes the applicant:

Texaco Refining & Marketing Inc.  
10 Universal City Plaza  
Universal City, CA 91608-1097

to construct, install or modify interceptor trench according to the procedures and conditions of the application number 95-077. The facility is located in NW1/4, Section 6, R78W, T33N in the county of Natrona, 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: Groundwater Pollution Control Program, 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, including the O & M manual, which are herein incorporated by reference 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 9. Trench 4 shall be effective in eliminating free product flow past the trench and into the North Platte River, shall ensure no exceedances above background of in-stream standards resulting from free product flow

past the trench, shall be effective in eliminating sheening from free product flow past the trench into the North Platte River and shall eliminate or reduce the flow of dissolved constituents past the trench and into the North Platte River. The compliance program for monitoring the effectiveness of Trench No. 4 shall commence once the trench system is at full operational capacity and shall consist of the following components:

- a. For the first year of trench operation, monthly water level and NAPL thickness measurements shall be made at the monitoring locations specified in Condition 3. of 9. In addition, when the river level stage of the North Platte River changes six (6) inches or more within twenty-four (24) hours, Texaco shall take water level measurements immediately after river stage change and on alternate days until equilibrium between the trench system and the river exists. Following the first year of trench operation, Texaco may petition the department to modify the water level and NAPL thickness monitoring program to change the monitoring frequency(s) and locations. Texaco may petition sooner than one (1) year if the river stage fluctuates frequently.
- b. For the first six (6) months of trench operation and on a monthly basis, Texaco shall analyze three (3) surface water samples from along the south bank of the North Platte River parallel to the trace of Trench 4 and one (1) sample from a control point upstream of the facility which could not have been affected by refinery operations for the constituents specified in Appendix A of this permit and compare the results with existing in-stream standards. The comparative evaluation shall be part of the first and second quarterly reports described in Conditions 3. of 9. and 4. of 9. During the surface water sampling events, Texaco shall also observe and document any sheening on the North Platte River and the information shall be submitted in the quarterly reports.
- c. At the end of one (1) year of trench operation, Texaco must meet the concentration levels for the Appendix A constituents at the wells specified in Condition 3. of 9. In the event Texaco cannot meet the Appendix A standards at the conclusion of the one (1) year compliance period, Texaco shall submit a plan describing how Texaco intends to meet the standards. This plan shall be due sixty (60) days following the end of the one (1) year compliance period. The first year of trench operation will be used by Texaco to collect data and establish constituent trends (time vs concentration) for the specified wells. Prior to trench construction and equipment mobilization, Texaco must establish a baseline for the constituents in the specified wells and one background well. For the first six (6) months of trench operation, Texaco must monitor the specified wells monthly for the Appendix A constituents (including, but not limited to metals as total metals) and bi-weekly (every two weeks) for BTEX constituents. In the first and second quarterly reports described in Conditions 3. of 9. and 4. of 9., Texaco must evaluate specified well data, background well data and constituent trends (time vs concentration) including downward, asymptotic, flat or upward trends. After one (1) year, Texaco may petition the department to modify the number of constituents and wells and monitoring frequencies.

2. of 9. Texaco concurs that the final Operations and Maintenance Manual (O&M) shall be submitted 60 days after the start-up of the system. The final O&M will contain final 'as-built' construction drawings of any modifications to Interceptor Trench No. 4, as well as details of the monitoring and compliance program.

3. of 9. The monitoring and reporting plan shall be adhered to as follows:

WELL NAME OR NUMBER	STATIC ELEVATION /NAPL THICKNESS/ CONSTITUENT MONITORING	RECORD TOTAL VOLUME PUMPED	REPORTING	SUMMARY REPORT
PZ4-1, PZ4-2, PZ4-3, PZ4-4, PZ4-5, PZ4-6, PZ4-7	Elevation/NAPL Thickness: Monthly (1st year) Quarterly (2nd and 3rd year)		Quarterly (1st year)  Semi-annually thereafter	Annually

WELL NAME OR NUMBER	STATIC ELEVATION /NAPL THICKNESS/ CONSTITUENT MONITORING	RECORD TOTAL VOLUME PUMPED	REPORTING	SUMMARY REPORT
SS-99, SS-92, SS-107; Replacements of SS-5, SS-100, SS-106, SS-119, SS-33 or SS-33s and new wells or piezometers (e.g., SS-131; SS-132) in Drawing 11116-03, river and storm water pond staff gauges /piezometers	Elevation/NAPL Thickness: Monthly (1st year) Quarterly (2nd and 3rd year);		Quarterly (1st year)  Semi-annually thereafter	Annually
Replacements of SS-5, SS-100, SS-106, SS-119, and new downgradient wells or piezometers (e.g., SS-131; SS-132)	Appendix A constituents: Monthly for 1st six months, quarterly thereafter; BTEX: Bi-weekly for 1st six months		Quarterly (1st year)  Semi-annually thereafter	Annually
Sump MH-1	Monthly (DNAPL thickness)	Monthly (total water and LNAPL)  When pumped (DNAPL)	Quarterly (1st year)  Semi-annually thereafter	Annually

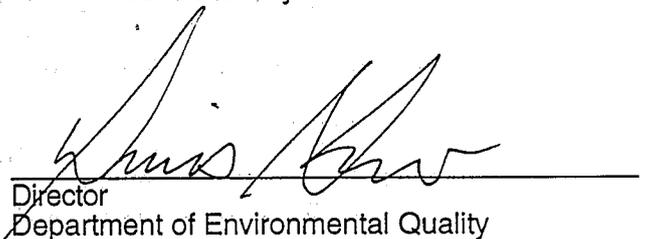
4. of 9. Reporting:

- a. For the first year of trench operation, Texaco shall submit quarterly reports presenting and summarizing the monitoring data necessary for compliance with Condition 3. of 9. In addition, for the first and second quarterly reports, Texaco shall submit the comparative analysis for in-stream sampling, the constituent trend evaluations and reports on sheening required in Condition 1. of 9. After one (1) year, reporting shall be reduced to semiannual.
- b. After one (1) year of trench operation and annually thereafter, Texaco shall submit an annual report summarizing and documenting all trench performance monitoring and describing plans and schedules for future operations. The report shall include an evaluation of the system's performance in meeting its original objectives. At a minimum the report shall contain the following:
  - (1) A description of the Interceptor Trench No. 4 operation and an analysis of the empirical data from the operation which includes:
    - (a) performance results (zone of influence, results of DNAPL and LNAPL monitoring, elevation monitoring, NAPL volumes pumped, constituent monitoring, etc.);
    - (b) documentation of any oil sheening observed on the North Platte River within the quarterly reports;

- (c) documentation of any shut-downs or downtime (problems encountered and responses taken).
  - (2) Empirical data shall be presented in tabular form (total volumes of water/LNAPL and DNAPL pumped, etc.) and in graphical form (volumes of groundwater, LNAPL, and DNAPL recovered vs. month of operation), and;
  - (3) Plan view maps of the site illustrating:
    - (a) piezometric surface (water table elevations) in the trench area for high and low water table conditions during the previous year;
    - (b) free product (LNAPL and DNAPL) thickness contour maps from the monthly monitoring events; and
    - (c) locations of the trench and manholes, monitoring wells, piezometers, and the river.
5. of 9. Texaco shall continuously operate the Interceptor Trench No. 4 and needs to obtain permission from WDEQ/SHWD, prior to turning off the system for reason other than for routine maintenance. If the system is shutdown for more than one day, Texaco shall notify WDEQ/SHWD, Cheyenne, by phone within (1) day and in writing within (5) days.
6. of 9. Texaco shall install two (2) additional staff gauges and/or river bank piezometers on the south bank of the North Platte River. One gauge/piezometer shall be placed as close as possible to the east end of trench 3 and the other shall be placed equidistant between the bridge gauge and the gauge/piezometer placed near the east end of trench 3.
7. of 9. Texaco must use all reasonable means feasible to prevent or minimize releases to the North Platte River during trench construction. If trench construction activities result in visible releases or seeps of hydrocarbon to the North Platte River, Texaco must use the most effective means readily available to recover or contain releases including, but not limited to sorbent booms and/or curtain booms.
8. of 9. In order to adequately characterize bedrock fractures and their potential to act as a contaminant migration pathway, Texaco will be required to have a qualified geologist describe the bedrock fractures exposed during trench construction dewatering. If the trench is not dewatered during construction, it will be necessary for Texaco to dewater the trench one time to make this assessment. Characterization of the bedrock fractures should include a description of their orientation, pattern, density, spacing, and secondary mineralization and an assessment of the fracture permeability relative to the primary permeability of the bedrock. In order to satisfy this requirement, and in lieu of fracture assessment during trench dewatering, Texaco may use data and information obtained from previous bedrock geotechnical work and from direct observation of bedrock outcrop (by a qualified geologist), if that outcrop correlates stratigraphically with, and is representative of, bedrock encountered during trench excavation. This information shall be presented in the final O & M manual.
9. of 9. In order to ensure adequate LNAPL recovery during high ground water events, Texaco must draw down the ground water into the underdrain pipe weekly, rather than semi-monthly.

AUTHORIZED BY:

  
 Administrator  
 Water Quality Division

  
 Director  
 Department of Environmental Quality

10-2-95  
 Date of Issuance

p b s  
 cc: Michael C. Clark, TRC Environmental Corporation  
 f:...TEXACO\trench-4.per

APPENDIX A  
 PERMIT NO. 95-077

COMPLIANCE MONITORING STANDARDS

Constituent	Level (ug/L)	EQL (ug/L)
Benzo(a)anthracene	0.03*	10
Benzene	44.0	1
Benzo(f)fluoranthene	0.03*	10
Benzo(a)pyrene	0.03*	10
Chrysene	0.03*	10
Dibenzo(a,h)anthracene	0.03*	10
2,4-Dimethylphenol	403	10
Ethylbenzene	296	10
Fluoranthene	4.5*	1
Naphthalene	62	10
Pyrene	0.03*	10
Phenanthrene	0.03*	10
Toluene	175	10
Arsenic	0.66*	1
Cyanide (total)	22	5
Chromium (III)	377	1
Chromium (VI)	16	1
Lead	8.1	1
Mercury	0.12*	1
Nickel	293	0.2
Selenium	5	15
		2

\*Based on current approved analytical methods, the EQL is higher than the concentration limit proposed. Analytical values less than the EQL should be reported as such and shall be considered in compliance with the limits.

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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May 4, 1995

C.R. Irvin  
Texaco Refining and Marketing Inc.  
10 Universal City Plaza  
Universal City, CA 91608-1097

**Re: Permit to Construct #95-077  
Interceptor Trench No. 4  
Casper, WY**

Dear Mr. Irvin:

The Wyoming Department of Environmental Quality (WDEQ), Water Quality Division (WQD) and Solid and Hazardous Waste Division (SHWD) have reviewed the referenced Permit to Construct application materials. WDEQ and EPA Region VIII comments, requirements and recommendations are summarized on the enclosed review form.

Please contact Carl Anderson or Phil Stump should you have any questions about this review.

Sincerely,

*Jerry Blend for  
Carl Anderson*

Carl Anderson  
Solid and Hazardous Waste Division  
Department of Environmental Quality

*Phillip Stump*  
Phillip Stump  
Water Quality Division  
Department of Environmental Quality

CA/PS/jn - 51925.ltr

enclosures: WDEQ Review Form

xc: Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne  
Linda Jacobson, U.S. EPA Region VIII, Denver  
Carl Anderson, WDEQ/SHWD  
Michael F. Clark, TRC Environmental Corporation

**GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS**

**WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION/SOLID AND HAZARDOUS WASTE DIVISION**

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

**PROJECT:** Hydrocarbon Recovery System  
Long Term Pilot Project

**APPLICANT:** C.R. Irvin  
Texaco Refining and Marketing Inc.  
10 Universal City Plaza  
Universal City, CA 91608-1097

**APPLICANT'S ENGINEER:** Michael F. Clark  
TRC Environmental Corporation  
11 Inverness Drive East  
Englewood, CO 80112

**WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER:** **95-077**

**TITLE:** Construction Design Specifications for the Proposed Interceptor Trench 4 - Hydrocarbon Recovery System at the Texaco Casper Refinery

PROPOSAL       PLANS       REPORT

**DATE ON PROPOSAL/PLANS/REPORT:** March 1, 1995

**IS THIS PROPOSAL SUBMITTED PURSUANT TO 'CONDITIONS' TO ANY WDEQ/WQD PERMIT?**

YES       NO

**REVIEWING WQD PERSONNEL:** Phillip Stump

**REVIEWING SHWD PERSONNEL:** Carl Anderson

**DATE OF LAST REVIEW:** N/A

**DATE OF THIS REVIEW:** May 4, 1995

**ACTION:** NOT AUTHORIZED FOR CONSTRUCTION

# **I. REQUEST/REQUIREMENTS/RECOMMENDATIONS:**

## **GENERAL COMMENTS**

### **WDEQ - WQD & SHWD**

1. **Contaminated Soil.** The application does not describe how contaminated soils will be characterized to distinguish them from non-impacted soils. This information must be included in the application before a permit can be issued.

Because trench backfill soils are to be obtained from another portion of the refinery property, the application should verify this soils are clean before they are used as backfill.

The contaminated soil stockpile detail on drawing 11116-05 is not clear on keying of the liner and cover in the hay bales. The illustration depicts a 30 mil liner and a 6 mil cover. However, the description refers to a 6 mil plastic barrier keyed into the bales. It is not clear if the plastic barrier is the liner or cover and, further, it is not clear on how both the liner and cover will be keyed into the hay bales.

2. **Dewatering Plan.** Section 2, 02770 indicates a dewatering plan must be submitted by the contractor, 'if required'. Construction of the trench will encounter contaminated ground water and probably NAPLs. A dewatering plan must be in place prior to construction to ensure these wastes are managed properly.
3. **Winterization.** Please verify whether the design of components of the recovery system (i.e., recovery pump and lines in manholes, pump lines to manifold pit) will enable year-round operations.
4. **Material Compatibility.** Verify that the materials to be utilized for the construction of the interceptor trench and the recovery system will not deteriorate due to exposure to the anticipated contaminants.
5. **Impermeable Bedrock.** The application indicates the trench will be keyed into shale/clay bedrock. However, there is no discussion in the application of bedrock fractures that may allow flow of groundwater and DNAPL beneath the interceptor system.
6. **DNAPL Recovery.** The trench will intersect DNAPL ponded on bedrock and the application asserts this DNAPL will flow to the trench. However, DNAPL flow may only be local depending on the bedrock configuration and thickness of DNAPL; total DNAPL recovery would only occur if the trench was constructed at the absolute low points in the bedrock surface in areas where DNAPL is ponding.

### **EPA Region VIII**

7. The document appears to be similar to a Request for Proposals and as such needs to be expanded in a number of areas. We note the following general inadequacies:
  - a. Insufficient characterization of the following to allow proper placement and design of the system and waste management:

- geology

- bedrock slope
  - depth of excavation into the bedrock and the bedrock integrity
  - placement and design of the sumps relative to the bedrock surface
  - proximity to river to include existence of old river channel and flood plain impacts
  - standards for system performance
  - river stage impacts
  - adequacy of design to allow for groundwater/LNAPL interface depth from ground surface
  - target effectiveness of trench and how measured: head difference, capture zone, compliance concentrations
  - pump placement: number of pumps, pumping rates, desired drawdown, zone of influence, level control
  - adequacy of number of wells/piezometers to assess trench effectiveness and establishment of more than 1 staff gauge for river level
  - identification of which wells to be monitored and discussion of well construction adequacy
  - moisture/oil content of soils to be excavated
  - soils characterization for proper worker protection and waste management
  - lessons learned from LNAPL Trench 3 installation to minimize releases to the River
  - materials selection, including fabric liner around pipe, perforation size and spacing in pipe, materials compatibility with NAPLs
- b. Failure to include or propose general contents of the following:
- provision of calculations for designed pumping rates
  - Sampling & Analysis Plan for excavated and/or excess materials and decontamination wastes
  - dewatering plan
  - Health and Safety Plan

- Data Management Plan
- QA/QC Plan
- monitoring plan for trench effectiveness
- DNAPL management
- LNAPL control to allow for seasonal variability and river stage impacts and sizing of pipe relevant to depth to bedrock

8. One of EPA's initial concerns is that Trench 4 will be installed after EPA/DEQ review and approval but prior to the additional DNAPL characterization which has been addressed in the proposed RCRA 7003 Order. This concern focuses on the possibility of EPA approving the trench and Texaco installing the trench (under DEQ permit to construct) only to be moved or relocated because additional volumes of DNAPL had been found downgradient of the trench installation. This would provide a basis for Texaco, because of modification cost criteria and apparent good faith, to argue that Texaco had acted in good faith but did not want to alter Trench 4. Based on the above, EPA/DEQ would find it difficult to direct Texaco to move the trench again. EPA has communicated this concern to Texaco during a March 30, 1995, conference call. Texaco indicated that they are advised of the situation and EPA informed them that EPA would caveat our approval to clarify that, if down gradient volumes of DNAPL were found, Texaco would have to modify the interceptor system (if practicable) to contain those downgradient DNAPL volumes.

In our conference call on March 30, 1995, Texaco requested that EPA expedite review and comments on this permit application so that the trench could be installed as quickly as possible. Given the fact that Texaco will be required to characterize downgradient of the proposed installation location under the 7003, then EPA's review and comment of the trench system seems appropriate, so that a control and containment system is installed and operational as quickly as possible. Therefore, EPA recommends that the approval mechanism include verbiage which states that, if additional volumes of DNAPLs are characterized and that if technically practicable, Trench 4 shall be modified to contain and collect those volumes of DNAPLs.

## SPECIFIC COMMENTS

### WDEQ - WOD & SHWD

#### 9. **Pumps**

Two pumps are described, one to recover groundwater and LNAPL for handling steady flows, and a second pump to provide backup and also provide additional capacity, when it is required. The estimated steady state flow of groundwater to the trench is 120 gpm. A third pump is to be utilized to pump DNAPL from the bottom of Manhole No. 1 to a tank truck. In Section 027000 the pump specification is a submersible dewatering pump with a operational capacity of 100 gpm at 60 ft. Total Dynamic Head.

- a. It is WDEQ's understanding that emulsions of heavy globules form in the Trench No. 3 sump and sink to the bottom. Texaco may have this same problem in Manhole No. 1 of Trench No. 4. Since the agitation caused by total fluid pumps will tend to emulsify free product, Texaco may want to consider the use of dual pumps (i.e., a product-only pump and a groundwater depression pump).
- b. Document the operating constraints and the basis for design and sizing of the pumps, skimmers, etc.. Submit specifications which include the following:
  - (1) predicted average and maximum operational flow rates;
  - (2) copies of manufacturer's specification sheets which include performance curves of pumps and details on liquid level detectors; and
  - (3) estimates of the total dynamic head requirement on the recovery pumps (i.e., rough calculations) that verifies the proposed operational design capacity of 100 gpm at 60 ft. Total Dynamic Head. Verify that the sizing of the recovery system has the capacity to handle the maximum anticipated inflow to the trench.

**Note:** Neglect minor head losses, such as bends, elbows, and negligible friction losses. Other head losses may need to be included, such as gates or valves, and friction losses in rough pipes.

- c. The estimated of trench inflow rate of 120 gpm needs to be verified. Also, estimate the maximum and minimum inflows during the peak and lowest stage levels of the North Platte River. Provide example inflow rates that have been measured in the field for the existing interceptor trenches at Texaco.

Section 1, 5.0 indicates the steady state flow is 120 gpm. It is not clear how often or for how long (interval of time during the year) the system is in a steady state; the reviewers assume steady state corresponds to low stage of the river. The application states pump No. 2 will provide backup and additional capacity for high flow. It's not clear how low flow can reflect steady state conditions when these conditions only occur for approximately 5 - 6 months out of the year. This statement needs to be clarified.

Verify that the pumping flow rate will be greater than the inflow to the trench. The extraction system needs to be operated continuously to maintain a drawdown at the trench face.

**Note:** Cite analytical or empirical equations, identify references, and submit sample calculations. Discuss/describe the analytical equations utilized, input data required, limitations/assumptions of the equations, and applicability of the equations to this particular site.

10. **Cross section Detail of Manholes**

The cross section detail (Plate 11116-06) of Manhole No. 1 shall include the following:

- a. Illustrate and identify depth of any pumps intakes or treatment devices placed in the manhole, the average water elevation and the estimated high and low water elevations *{It is not evident how Pump #3 will be employed to pump DNAPL. In the application drawing the pump is located at the base of the manhole and Pump #1 and #2 are on a concrete shelf which is 12 in. thick. Please provide design specifications and a description of how the DNAPL will be recovered (i.e., specifications on oleophilic/hydrophobic inlet filters or screens, pump inflow rates and controllers, hydrocarbon detection devices, etc.). Also, address how pumping with Pump #1 and #2, which appears to be total fluid pumps, will affect the recovery of DNAPL.}*\*
- b. Illustrate and identify all ports, valves, gates, instrumentation/controls, liquid level detectors, and piping.
- c. Illustrate the direction of water flow through the piping.

11. **Interceptor Trench and Underdrain Detail**

The cross section of the interceptor trench (Plate 11116-05) identifies the underdrain backfill materials as WY DOT gravel for drains, Grading A. Texaco shall submit the following to verify that the underdrain fill materials and perforations are appropriate.

- a. A verification report upon installation that includes:
  - (1) grain size (i.e., sieve analysis) test results of the backfill material; and
  - (2) perforation sizing and spacing installed in the corrugated polyethylene underdrain.
- b. The design criteria verifying that the size and spacing of the perforations and the underdrain backfill is appropriate for this application.
- c. A description of the precautions to prevent chemical and/or biological clogging (i.e., biofouling, precipitation of calcium carbonate, or other metals) and contingency plans to fix these problems.

12. **Plan View**

The plan view (Plate 11116-03) of Trench No. 4 shall include the following:

- a. overlay the iso-concentration lines and free product thickness contours of the known contaminant plumes or reference to RFI reports or any site investigation results that provide these illustrations;

- b. on the plan view, illustrate the predicted zone of influence of the interceptor trench; and *(Even though the west end of trench 4 overlaps the east end of trench 2 and the east end of trench 4 overlaps the west end of trench 3, it is not possible to verify whether NAPL and/or ground water by-pass of trench ends will occur because capture zone calculations and diagrams have not been submitted.)\**
- c. monitoring well/piezometer locations. *(Information on existing monitoring wells and proposed trench piezometers is presented on drawing no. 11116-03. However, there is a discrepancy between the text which specifies SS-33a as an existing well and the drawing which identifies the well as SS-33s. The applicant proposes to submit information on the location of performance monitoring wells in the O&M Manual. Information on the general location of proposed performance monitoring wells must be submitted in the Performance Monitoring Plan.)\**

13. **Profile View**

Texaco shall resubmit the profile view (Plate 11116-03) which illustrates the following details and provide the following additional information:

- a. elevations of components and gravity drain slope; *(A portion of this information is found on drawing no. 11116-06. However, elevations of major components such as MH-2, MH-3 and completion elevations for the piezometers have not been given.)\**
- b. piezometers/risers located in the trench; *(The locations shall be illustrated in the profile view.)\**
- c. depth and thickness of NAPL; *(Information on the depth and thickness of LNAPL and DNAPL plumes has not been provided even though these plumes occur in the area of trench construction.)\**
- d. high, low and average water table levels; and *(Information to verify the trench will be able to accommodate variations in the water table has not been included in the application. Section 1, 5.0 asserts the drain pipe is below the ground water table; however, it is not clear whether this is true for all water level conditions, especially during periods of low river flow when the ground water table in the area may be depressed.)\**
- e. plate 11116-03 identifies the "interpolated" bedrock surface and the invert depth of the main drainline.
  - (1) Indicate the subsurface site characterization data that serves as a reference point for the interpolated bedrock elevations.
  - (2) Specify the excavation techniques for removal of the shale and claystone bedrock.

\* All comments in italics pertain to design criteria that needs to be addressed.

- (3) Will the invert height be modified if the bedrock is encountered at different depths during excavation or during additional site characterization activities, or if excavation into the bedrock is not feasible? Texaco shall submit a final "as-built" cross-section of the main drainline in the final O & M Manual which identifies the final invert depth and the field measured bedrock depths.

14. **Operation and Maintenance Manual**

- a. **Prior** to issuance of the Permit to Construct, Texaco shall submit a draft of the Operation & Maintenance (O&M) Manual to WDEQ and EPA for approval. Items to be included in the O&M Manual are outlined in Section 24 of Chapter XI, Wyoming Water Quality Rules and Regulations, and additional items are as follows:

- (1) the reporting schedules for submitting monitoring and sampling data to WDEQ/SHWD and EPA Region VIII;
- (2) performance monitoring plan (i.e., including sampling frequencies and parameter lists, proposed schedules for measuring flow rates, pressures and total volumes of LNAPL, DNAPL and water extracted, etc.); and
- (3) contingency plans in the event of any equipment failure.

- Notes:**
- (1) WDEQ and EPA Region VIII is aware that Texaco is obligated by the Consent Decree with the Sierra Club to install and monitor static water levels in piezometers networks located perpendicular to the trench to verify that the Interceptor Trench No. 4 will hydraulically satisfy line sink containment. This monitoring information shall be included in the performance monitoring plan and the locations of piezometers shall be identified in the plan view of the interceptor trench.
  - (2) No new monitoring point, other than the trench piezometers are discussed. The applicant proposes to submit information on new monitoring wells and performance monitoring criteria in the O&M. The applicant should provide general locations for proposed monitoring wells and propose a monitoring program.

- b. The final O&M Manual shall be submitted within (60) days after start-up of the Interceptor Trench No. 4. The O&M Manual shall contain the final version of the above items and the following additional items:

- (1) specific operating information for each of the components of the system;
- (2) a description of any modifications and fine-tuning which was required to enhance the operation of the interceptor trench in recovery system;
- (3) plans to perform and document routine scheduled maintenance checks and any other required maintenance; and
- (4) final 'as-built' drawings of plans and specifications.

**COMMENTS: EPA Region VIII**

15. Health and Safety documents need to be submitted. These should minimally include Shoring, Ladder Safety, and Confined Space, in addition to the more generic type of Health and Safety submittal. A reference to the pre-existing Health and Safety documents, with appropriate modifications, may suffice.
16. There is no Project Management Plan included. This plan should include a discussion of the technical phase-by-phase approach, scheduling and personnel requirements. Specific construction phases should be submitted. It is anticipated that flowing sands, due to saturation, would be present, therefore, will trench boxes be used to keep the trench open during installation of the corrugated pipe and backfill material? A step-by-step, or phase-by-phase approach should be submitted. Similar to 2 above, the review may be expedited by reference to an RFI work plan, if procedures and methodologies are the same or similar.
17. There is no Data Management Plan included. This plan should identify and set up data documentation and procedures and project related progress procedures. Reference to the RFI work plan submittals may be acceptable for expedited review and approval.
18. Section 1, 2.1, the text indicates that the DNAPL will be pumped on an "as needed basis". The application should specify whether this "as needed basis" is determined by a level control, volume control, etc., and specify the desired, predicted rates for which the system is designed. The application should also indicate whether there is a dedicated pump for the DNAPL recovery and the kind and capacity of container into which the DNAPL will be pumped, as well as how the recovered DNAPL will be characterized and managed.
19. Section 1, 2.3, Soil, stockpiling: The soils anticipated to be removed should be characterized prior to excavation, or they must be managed as hazardous waste after excavation until characterization is performed. The soils to be excavated must be screened. The depths, the parameters, test methods, and frequency of sample collection (every 25 linear feet, every 50 linear feet, etc.) must be provided. The contaminant levels in these soils must be determined. Further, the application needs to present the criteria used to determine whether these soils are safe to landfarm, and discuss a contingency plan in the event the soils are found to be hazardous and cannot be disposed on the North Property Landfarm. EPA recommends, at a minimum, the following tests be conducted: ignitability, TC metals and organics, TPH, percentage moisture, and oil and grease. Additional tests may be required by the WDEQ to meet DEQ requirements for landfarm application.  
  
Texaco should construct a temporary pad for stockpiling which prevents runoff/runoff and wind dispersion. Even if the materials are characterized as nonhazardous, it would not be environmentally sound to stockpile wet, oily soils immediately adjacent to the North Platte River.
20. EPA requests development and a copy of any sampling and analysis plan and O & M Manual to be submitted to WDEQ after the trench is installed.
21. EPA requests a copy of the QA/QC plan for the laboratory selected for use during this project.

22. Section 1, 2.3, 2nd paragraph, the text should be expanded to define "clean soils", including description of the criteria used to screen for clean.
23. Section 1, 5.0, last paragraph, the text should define "elevated concentrations of petroleum constituents". The text indicates that contaminated soils will be transported to the landfarm on Texaco's North Property. How is "contaminated" being used here? Depending on the hazardous nature of the "contaminated" material, proper offsite disposal may be necessary rather than placement on a solid waste, nonhazardous land farm.
24. The application should indicate whether the necessity of soils dewatering during excavation and prior to landfarming has been assessed and, if necessary, the predicted water volume to be removed and how the water will be characterized, treated, and disposed. EPA requests a copy of any dewatering plan developed for this project.
25. Section 1, 6.0, the adequacy of piezometer spacing of 1 every 100 feet should be addressed. Additionally, the application should specify the size of the piezometers, the location (inside or on each side of the trench), consideration of installation of transducers, and frequency of monitoring. The application should also specify which wells will be monitored and discuss their construction relevant to screening for DNAPL/LNAPL capture monitoring.
26. Section 1, 6.0, last paragraph, the application should state that, if wells are damaged during installation, proper abandonment procedures will be utilized and wells replaced as necessary for establishment of a long-term well monitoring system.
27. Under 4.0, Hydrogeologic Setting, second to last sentence of the first paragraph states that the bedrock interface slopes from east to west. This statement is not completely correct. The slope of the bedrock for the western portion of Trench 4 is from east to west, but a majority of the trench crosses a bedrock high which plunges to the northwest. This sentence should be corrected to show these facts as it may effect the RFP bids and the resultant work which Texaco receives.
28. Under 5.0, Proposed System: For ease of understanding, the LNAPL and DNAPL are discussed separately below:

#### **LNAPL System**

EPA understands that the system will be constructed to minimize emulsion effects which would be created. The two pump system for the LNAPLs will draw down the head, inducing LNAPL to flow on the top of sloped influence to be collected by a floating pump. (This is not specifically stated but can be read into this approach.) Plate 11116-05 illustrates this concept in cross-section, showing that the horizontal dewatering line will be installed 6 inches above the bottom of the trench floor. However, corresponding Plate 11116-03 shows that this horizontal drawdown line will be installed in the bedrock. These diagrams should both be corrected so that they correspond. Equipment specifications should be provided for all pumps.

A pumping drawdown rate of 120 gpm has been given. Calculations verifying this rate should be provided (including radius of influence). Is the system designed such that upgrades in system volumes can be achieved? Also, what will be the effect of drawdown at the distal ends of the system? Will most of the pumped water occur from the immediate vicinity of the pumps (basically dewatering around the pumps) thereby having decreasing effect at some distance from the pumps? An even broader question is where will the pumps be placed? Given the amount of water which could be infinitely pumped from the river, this issue should be rechecked to verify that drawdown will occur at the ends.

With the advent of the 7003 and the associated monitoring wells or piezometers needed for characterization (and as discussed in our March 30, 1995, conference call), these wells could very easily be used to verify drawdown and collection success.

### **DNAPL System**

The base of the trench which is installed in the bedrock should be sloped, with the deepest part of the trench located in the middle of the trench. This technique would minimize the flow-through which could occur by capturing all DNAPL which migrates to the trench. This approach would maximize containment, but would work less effectively if DNAPL thickness is greater than the depth of the bottom of the trench.

Has any thought been given to the installation of a liner on the bottom of the trench? This may be necessary if the bedrock has preferred migrational paths caused by depositional anomalies or post-depositional deformation.

A third pump will be installed in the DNAPL sumps to recover the DNAPL. Pump specifics, schedules, operations, and maintenance are not discussed and should be included. What is the effect of groundwater pumping on the migrational rate of the DNAPLs?

A DEQ permit has been issued to Texaco to operate a non-hazardous waste landfill and it is stated in this section that contaminated soils will be transported to this landfarm. No concentration levels are given which would determine whether or not the contaminated material can be "treated under the landfarm permit". Therefore, a specific sampling and analysis plan should be supplied which provides for the methods and procedures used in the sampling and analysis. QA/QC techniques should also be included. Also, it is not stated how contaminated materials will be managed if those materials are above the limits of the permit or if they are analyzed as being hazardous.

29. Section 02240, Earthfill, Part 3, Excavation, 3.08 Field Sampling and Testing; the use of an OVA/FID, to screen for "contaminated" material, is wholly insufficient screening and characterization of contaminant levels for waste management decisions.
30. Section 02605, Manholes. Part 2 Products, 2.01 Materials, A; EPA questions the material selection of butyl rubber based gaskets in manholes for petroleum products.
31. Section 02700, Pump, Part 2, Products, 2.01, Materials, E; the application should provide supporting calculations for pump selections, including pump capacities and material selection.

32. Section 02701, Pump Controls System, Part 2 Products, 2.02, Pneumatics; are Hg manometers for liquid level control typically selected?
33. Section 02770, Dewatering, 1.04, Dewatering Plan; EPA requests a copy of any Dewatering Plan developed and submitted. Such a plan should address the volume to be generated, how it will be characterized, treated and managed, and specifically, where such water will be discharged.
34. Drawing 1116-03, Interceptor Trench and Underdrain Plan and Profile; figure indicates that wells SS-5 and SS-4 will be "removed". The application should explain what is meant by "removal" and indicate that appropriate abandonment procedures will be employed.
35. The bedrock surface is indicated as being interpolated. Texaco should install additional borings or perform additional characterization to establish the bedrock surface, rather than relying on an interpolation. The integrity of the confining bedrock layers should also be assessed.
36. A waste management plan for decontamination waters and personnel protection equipment characterization, management, and disposal should be developed and submitted.

**END OF REVIEW**

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 95-078R  
\* **CONDITIONED** \*

**El-Jean Estates Water Distribution & Wastewater Collection System**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Wright Family Trust - Elling Wright  
P.O. Box 2015  
Thayne, WY 83127

to construct a water distribution and wastewater collection systems according to the procedures and conditions of the application No. 95-078R. The facility is located in SE¼ S23 T34N 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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 Department of Environmental Quality, 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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

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

3/28/95  
\_\_\_\_\_  
Date of Issuance

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

RRT - 51313.ltr

#### STANDARD CONDITIONS 1 through 4

1. of 4      The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4      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 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".

## STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 95-078R
- II. Application reviewed for compliance with the following regulations.
  - A. Chapter XI. Yes
  - B. Chapter XII. Yes
- III. Basis for issuing permit.
  - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.  
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.  
NA
  - B. Briefly state the basis for the deviation.  
NA
  - C. Permit based on general or statewide deviation contained in approved policy statement.  
NA
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*<sup>1</sup>  
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. Documentation of Statement of Basis.**

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

RF

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 95-079  
SPECIAL CONDITIONS

Cheyenne Frontier Days Dump Station

This permit hereby authorizes the applicant:

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

to construct an extension to the City of Cheyenne collection system to service a trailer dump station and several RV spaces according to the procedures and conditions of the application number 95-079. The facility is located in NE 1/4 Section 25 & SE 1/4 Section 24, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

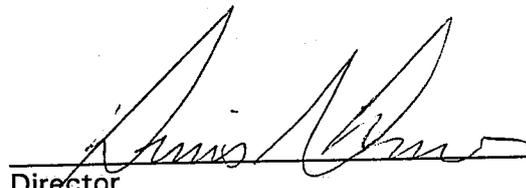
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District, State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

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

AUTHORIZED BY:

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

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

4-6-95  
\_\_\_\_\_  
Date of Issuance

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

#### SPECIAL 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 4" collection line will not be extended in the future without increasing the size of the collection line.

6 of 6 The 4" collection line is being permitted on the basis that it is for seasonal use only (approximately 1 week during Cheyenne Frontier Days) and that permanent structures will not be connected to the 4" line.

GLS/b/51442.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-079

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.

Section 9(c)(i) requires that a sewer be designed with a minimum of 6 inch diameter pipe and that the line be sized for 200% of the maximum daily flow or more.

Section 9(d)(i) requires that a manhole be provided at the intersection of all collection lines. This section also requires that a manhole be provided at the end of collection lines which extend more than 150 feet from the last manhole.

B. Briefly state the basis for the deviation.

The collection line that services the RV spaces is proposed using 4" PVC pipe and will flow approximately 75% full under peak flow conditions. The 4" line is proposed without the use of manholes at the ends of the lines or at the connection point to the central collection system.

The RV spaces are to be used for approximately 1 week of the year for Frontier Days activities and the Engineer has provided data which indicates that under peak flows the 4 inch line should be adequate. The service lines will be constructed such that they can be utilized as cleanouts for the collection line. The service lines are spaced such that the maximum distance for cleaning and rodding the line is approximately 80 feet.

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. See footnote. (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.

Footnote: 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. 95-080R  
SPECIAL CONDITIONS

### Riverton Wastewater Treatment Plant - Winter Sludge Beds

This permit hereby authorizes the applicant:

City of Riverton  
P. O. Box 1700  
Riverton, WY 82501

to construct a 25,000 S.F. sludge drying bed expansion according to the procedures and conditions of the application number 95-080R. The facility is located in SE 1/4 Sec. 35, T1N, R4E Wind River Meridian 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.

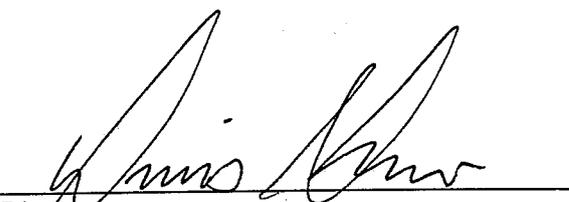
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

1. of 4 The applicant will notify the Lander 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 Lander 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 Lander 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

6/14/95  
\_\_\_\_\_  
Date of Issuance

## STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-080R

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. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Not Applicable

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 Jeff Hermansky, Northwest District Engineer, and completed on June 9, 1995. 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."

JH/b/52474.ltr

**PERMIT TO CONSTRUCT**

New

Permit No. 95-081  
\* **CONDITIONED** \*

Renewal

Modified

**Redstone Fifth and Sixth Additions to the Town of Pinedale**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Redstone Corporation

P.O. Box 377

Pinedale, WY 82941

to construct a water and wastewater distribution and collection line extensions according to the procedures and conditions of the application No. 95-081. The facility is located in NW¼ S4 T33N R109W 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

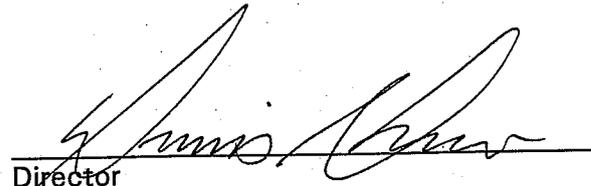
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

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

3/22/95  
\_\_\_\_\_  
Date of Issuance

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

RRT - 51245.ltr

CONDITIONS 1 through 5

1. of 5      The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 5      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 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 Town of Pinedale is to complete their evaluation of fire flow capacities and have all necessary construction completed by August of 1997 for necessary upgrades to the fire flow capacity.

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 95-081

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

A. Chapter XI. Yes

B. Chapter XII. Yes

### III. Basis for issuing permit.

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

No

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

Yes

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

No

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

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

Chapter XII, Section 14, (b)(iii)

Requires when fire protection is provided (fire hydrants are a part of this project) the system design shall be such that fire flows can be served.

B. Briefly state the basis for the deviation.

Fire flow capacity to be fully upgraded no later than August 1997.

The Pinedale Fire Chief has recommended 1,250 gpm for residential fire flow and 2,400 gpm for commercial fire flow. Pinedale has never had 2,400 gpm available for fire flow. A recent WWDC Level I study has shown that fire flows of 1,250 gpm are presently available most of the time.

The Town's current supply capacity is rated at a total of 2,400 gpm. The average daily demand for the Town is currently 1,064 gpm (from 1994 records). Information is not available on maximum daily demands.

Statement of Basis  
95-081  
March 20, 1995

The Town is planning to initiate a WWDC Level III design and construction project in January of 1996 to increase the intake capacity at Fremont Lake, and adding a second transmission line from the Lake to the Town. This project will provide for full commercial fire flow capacity; construction is projected to take place in late 1996 or early 1997.

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

NA

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

Not Applicable

- 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.

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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.

R7

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 95-083  
SPECIAL CONDITIONS

Guernsey, Wyoming Locomotive Servicing Facility

This permit hereby authorizes the applicant:

Burlington Northern Railroad Co., Inc.  
51 Broadway, Suite 201  
Fargo, North Dakota 58102

to construct lagoon to hold runoff from fueling area, install new oil-water separator & lift station, modify existing sand trap, and install collection system with appurtenances according to the procedures and conditions of the application number 95-083. The facility is located in SW 1/4 Section 36, T27N, R66W 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 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.

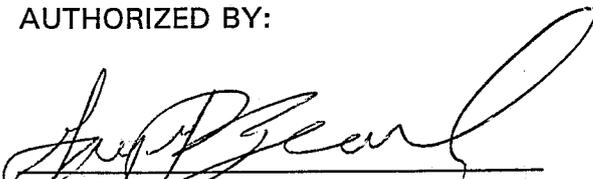
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

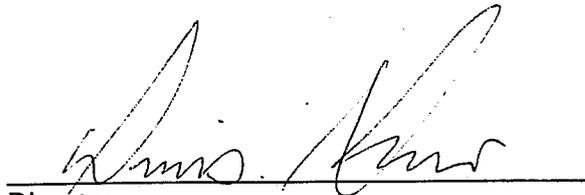
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 This facility requires that an Operation and Maintenance manual be prepared and submitted to this office. The permittee shall obtain approval of the O&M manual prior to placing this facility into operation.

AUTHORIZED BY:

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

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

5/11/95  
\_\_\_\_\_  
Date of Issuance

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-083
- 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.  
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 lagoons will be constructed with a double liner and leak detection system.

- 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:

The facility will be constructed with a double liner and leak detection system which will not allow a discharge to groundwater.

- 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.

Monitoring will be done on the leak detections system as a part of routine maintenance inspections

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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 May 10, 1995. 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

Permit No. 95-084

Renewal

\* **CONDITIONED** \*

Modified

Eatinger Residence, Pinedale

(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Mark & Cheryl Eatinger

P.O. Box 1250

Pinedale, WY 82941

to construct a small wastewater system according to the procedures and conditions of the application No. 95-084. The facility is located in SW¼ S33 T34N R109W 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described

herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

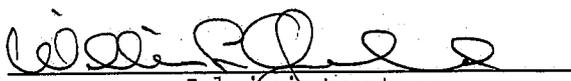
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

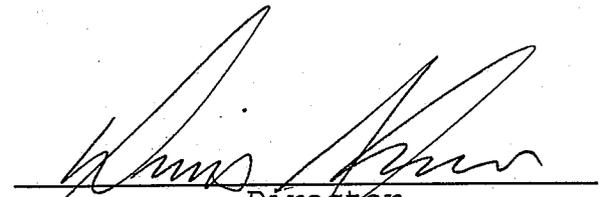
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

3-24-95  
\_\_\_\_\_  
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

Permit to Construct  
95-085  
Eatinger Residence, Pinedale  
Page 3

2. of 4 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 4 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 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".

RRT/mad 51304.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-084
- 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.
- NA
- B. Briefly state the basis for the deviation.
- NA
- C. Permit based on general or statewide deviation contained in approved policy statement.
- NA

Statement of Basis  
95-084  
March 24, 1995

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

Not Applicable

- 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.

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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. 95-085  
SPECIAL CONDITIONS  
REF/PERMIT #

F.E. Warren AFB: Wherry Replacement Housing - W & S

This permit hereby authorizes the applicant:

F.E. Warren AFB  
Attn. John L. Wright  
300 Vesle Drive  
F.E. Warren AFB, Wyoming 82005-2788

to construct, install or modify water and sewer utilities according to the procedures and conditions of the application number 95-085. The facility is located in Sections 22, 23, 26, and 27, 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 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.

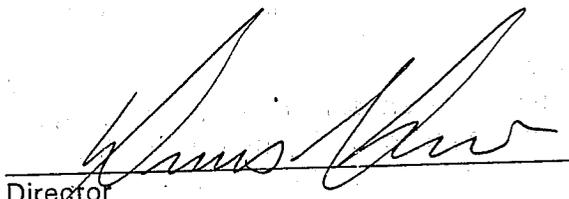
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

2-28-96  
Date of Issuance

RLE:ks  
60954.ltr

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-085
- 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.)
- 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 27, 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.

REVIEW OF PLANS AND SPECIFICATIONS

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

**PROJECT:** F.E. Warren AFB, Wherry Replacement Housing - W & S

**ENGINEER:** Bob Herb, USAF  
90 CES/CEE, 300 Vesle Dr.  
F.E. Warren AFB, Wyoming 82005

**APPLICANT:** F.E. Warren AFB  
Attn. John L. Wright  
300 Vesle Drive  
F.E. Warren AFB, Wyoming 82005-2788

**WATER QUALITY REFERENCE NUMBER:** 95-085

**REVIEWING ENGINEER:** Ronald L. Ewald *RLE*

**DATE OF REVIEW:** June 29, 1995

**ACTION:** NOT AUTHORIZED FOR CONSTRUCTION

**COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:**

**GENERAL COMMENT:**

On May 4, 1995 a copy of a "Sanitary Sewer Analysis" and a "Site Water Analysis" were hand delivered to DEQ. The person who dropped these off explained that this is only a partial and incomplete response to the March 30, 1995 review issued by the Water Quality Division (WQD) concerning this permit application, and that there would be more information submitted soon. However, as of this date, no more information has been received concerning this project. Therefore, a second review was attempted at this time with just what was submitted on May 4, 1995. There is no cover sheet or cover letter with this submittal describing what is contained within or what its purpose is. Additionally, there are several pages of hand written calculations which appear to be an attempt at an Engineering Design Report (EDR), but it very difficult to follow what these calculations are trying to show or justify. Also, there are several pages of computer printouts with hand written notes in the margin, but again, no explanation of what their intended meaning is. Finally, there are several pages of the Wyoming Water Quality Rules and Regulations included with hand written notes in the margins, again - the purpose of which is unclear. If these documents submitted on May 4, 1995 are intended to serve as the EDR and the response to items 2 through 6 of the original March 30, 1995 WQD review, they are not sufficient. As submitted, these documents are very hard to follow or understand. Please resubmit in a clear and understandable format. Also, please address each of the specific concerns 2 through 6, identified in the March 30, 1995 review, in a clear and direct manner. Finally, if these changes or additions involve construction details, revised or new plan sheets will also have to be submitted.

RE/b/52818.ltr

**REVIEW OF PLANS AND SPECIFICATIONS**

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

**PROJECT:** F.E. Warren AFB, Wherry Replacement Housing - W & S

**ENGINEER:** Bob Herb, USAF  
90 CES/CEE 300 Vesle  
F.E. Warren AFB, Wyoming 82005

**APPLICANT:** F.E. Warren AFB  
Attn. John L. Wright  
300 Vesle Drive  
F.E. Warren AFB, Wyoming 82005-2788

**WATER QUALITY REFERENCE NUMBER:** 95-085

**REVIEWING ENGINEER:** Ronald L. Ewald *RLE*

**DATE OF REVIEW:** March 30, 1995

**ACTION:** NOT AUTHORIZED FOR CONSTRUCTION

**COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:**

**GENERAL**

1. Engineering Design Report (EDR) - The design narrative on the "Sanitary Sewer" and on the "Water System" do not constitute an EDR. An EDR must be submitted in accordance with both Chapter XI, Section 6 and Chapter XII, Section 6 of the Wyoming Water Quality Rules & Regulations (WWQR&R).

**SEWER**

2. Concrete Encasement of Sewer Not Allowed - On sheets 23 and 25 sections of new sewer are shown encased in concrete where it crosses over an existing 30" water main. Concrete encasement is not allowed in this situation. The new sewer should either be sleeved in a secondary pipe or the sewer should be water grade pipe for at least 10 feet perpendicular to the crossing on each side of the crossing. Please resubmit an alternative solution.
3. Decreasing Sewer Size Not Allowed - On sheet 27 at existing MH S-5 the sewer decreases in size from 10" to 8" diameter. This is not correct. Please resubmit.

REVIEW PLANS/SPECS  
PERMIT #95-085  
PAGE 2 OF 2

4. Duplex Sewer Service Lines - When the duplex service lines become longer than 150 feet they shall require additional cleanouts at not more than 150 foot intervals.

#### **WATER**

5. Storm Sewer Crossings with Water Mains - According to the WWQR&R (Chapter XII, Section 14(g), when storm sewers cross water mains they are treated the same as sanitary sewers. At many locations on the plans the storm sewer lines cross above the water mains without any secondary protection, such as sleeving or using water grade pipe. Please provide a method to meet this requirement.
6. Water System Pressures - Chapter XII, Section 14(b)(i) requires that the system be designed to provide a minimum pressure of 20 psi under all flow conditions (i.e. - worst case plus fire flows), and to maintain a normal working pressure of 35 psi. No pressure and/or fire flow analysis is provided. Also, what is the design fire flow for this area?

RE/b/51394.ltr

**PERMIT TO CONSTRUCT**

New (this is also a revision to permits 87-185R, 92-314, and 93-066R)

Permit No. 95-086  
\* **CONDITIONED** \*

Renewal

Modified

**Opal Wastewater Lagoon**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Town of Opal

P.O. Box 130

Opal, WY 83124

to amend the industrial effluent limiting parameters that were established as part of the application for permit 93-066R (this earlier permit provided for a new inlet pipeline to be installed into the lagoon to serve a single industry) according to the procedures and conditions of the application No. 95-086. The facility is located in SE¼ S26 T21N R114W in the County of Lincoln, in the State of Wyoming.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

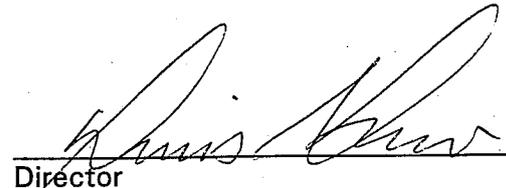
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

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

3/30/95  
\_\_\_\_\_  
Date of Issuance

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

RRT - 51318.ltr

CONDITIONS 1 through 5

1. of 5            The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 5            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 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 monitoring well parameters and frequency of monitoring established by permit 92-314 shall be revised as follows. The wells shall be monitored in the Spring and in the Fall of each year for TDS, Nitrate, Ammonia, COD, and Water Level. The monitoring parameters and frequency shall be subject to change as is determined necessary by the DEQ/WQD.

## STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 95-086
- 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.  
NA
  - B. Briefly state the basis for the deviation.  
NA
  - C. Permit based on general or statewide deviation contained in approved policy statement.  
NA
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*<sup>1</sup>  
Not Applicable, addressed in previous permits (a permitted lined lagoon system has previously been constructed).
- 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.

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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. 95-087  
SPECIAL CONDITIONS

Pavlenko Septic System

This permit hereby authorizes the applicant:

Johnna & Kevin Pavlenko  
1347 Old Highway 85  
Newcastle, Wyoming 82701

to construct, install or modify a small wastewater facility according to the procedures and conditions of the application number 95-087. The facility is located in the NW/4 of Section 23, Township 45 North, Range 61 West in the county of Weston, in the State of Wyoming. This permit shall be effective for a period of one year from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

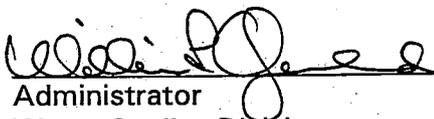
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

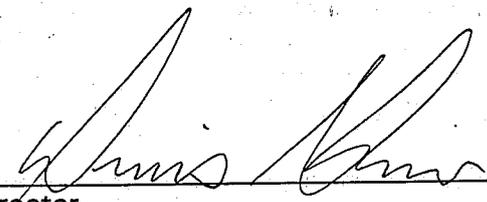
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Northeast District, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1043 Coffeen Avenue Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457.

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

AUTHORIZED BY:

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

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

3-20-95  
\_\_\_\_\_  
Date of Issuance

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

#### STANDARD 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 the Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

BDM/pr: March 16, 1995

b/51213.ltr

Attachments: Notification Post Card  
Certification of Completion Form  
Statement of Basis

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 95-087

### 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. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

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.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

BDM/b/51213.ltr

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 95-088  
Ref. 92-338R

**Best Western Lodge at Jackson Hole Addition**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Jerry Johnson

P. O. Box 328

Teton Village, WY 83025

to construct about 278 L.F. 6 inch PVC sewer with 2 manholes according to the procedures and conditions of the application No. 95-088. The facility is located in NW1/4 Sec.33, T41N, R116W in the County of Teton, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third

parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

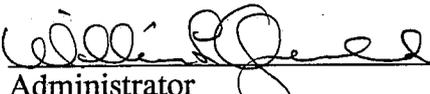
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

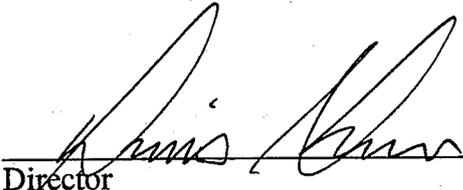
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

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

4-6-95  
\_\_\_\_\_  
Date of Issuance

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

#### STANDARD CONDITIONS 1 through 4

1. of 4      The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in

Permit to Construct 95-088  
Best Western Lodge at Jackson Hole Addition

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 Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
- a.      Date that construction of the facility was completed; and
  - b.      Date that the facility was placed in operation; and
  - c.      Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.      Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4      The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

JH/jm/nc 51434.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-088, Ref. 92-338R

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  
95-088

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

Not applicable

JH/jm/nc 51434.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. 95-089  
SPECIAL CONDITIONS

Sun Valley Addition, Phase 2 - Water & Sewer Improvements

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities  
2100 Pioneer Ave.  
Cheyenne, Wyoming 82001

to construct, install, or modify water and sewer utility improvements according to the procedures and conditions of the application number 95-089. The facility is located in the S1/2, Section 35, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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.

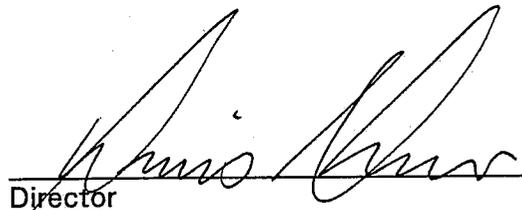
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineer,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

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

AUTHORIZED BY:

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

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

4-13-95  
\_\_\_\_\_  
Date of Issuance

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

#### STANDARD 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 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 the 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".

RLE/b/51556.ltr

## STATEMENT OF BASIS

### I. General information.

- A. Permit Number: 95-089
- B. Facility Name: Sun Valley Addition, Phase 2 - Water & Sewer Improvements

### 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.)

- 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, Chap. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. 1. 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.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

RLE/b/51556.ltr

REVIEW OF PLANS AND SPECIFICATIONS

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

**PROJECT:** Sun Valley 14<sup>th</sup> Filing, Phase 2 - Water & Sewer

**ENGINEER:** Joseph E. Kub  
6118 Yellowstone Road  
Cheyenne, Wyoming 82009

**APPLICANT:** Cheyenne Board of Public Utilities  
2100 Pioneer Ave.  
Cheyenne, Wyoming 82001

**WATER QUALITY REFERENCE NUMBER:** 95-089

**REVIEWING ENGINEER:** Ronald L. Ewald *RLE*

**DATE OF REVIEW:** March 31, 1995

**ACTION:** NOT AUTHORIZED FOR CONSTRUCTION

**COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:**

1. Engineering Design Report (EDR) - An EDR must be submitted in accordance with both Chapter XI, Section 6 and Chapter XII, Section 6 of the Wyoming Water Quality Rules & Regulations (WWQR&R). This EDR should include a description of what is currently existing, what will be new, and what is being changed and why, and so on. Also, design information and analysis (such as design loads, how water and sewer sizes were determined, fire flows, system pressure analysis, and other pertinent factors), should be discussed and/or explained in the EDR. If you are relying on design information and analysis from previous permits then this design work needs to be clearly referenced, and at a minimum, a brief summary of this information needs to be included in this EDR.

RE/b/51398.ltr

PERMIT TO CONSTRUCT

[X] New  
Renewal  
Modified

PERMIT NO. 95-090  
STANDARD CONDITIONS

GILLETTE WWTF SLUDGE BED EXPANSION PROJECT

This permit hereby authorizes the applicant:

City of Gillette  
P.O. Box 3003  
Gillette, WY 82717-3003  
Attention: Mr. Dan Roberts

to construct, install or modify sludge beds according to the procedures and conditions of the application number 95-090. The facility is located in the SW/4 of Section 31 of Township 50 North Range 71 West in the county of Campbell, 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 provides that the Wyoming Department of Environmental Quality (DEQ) has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

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

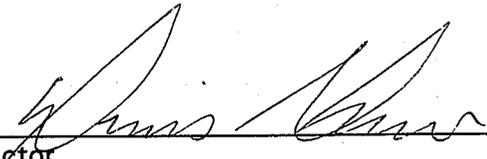
The permittee shall notify representatives from the DEQ/WQD the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: DEQ/WQD, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 82801; telephone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

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

AUTHORIZED BY:

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

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

3/30/95  
\_\_\_\_\_  
Date of Issuance

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

### STANDARD CONDITIONS

- 1 of 4      The applicant will notify the DEQ/WQD Sheridan district office by the enclosed 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 DEQ/WQD Sheridan district office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations (WWQRR) 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 DEQ/WQD Sheridan district office the following information on the enclosed certification of completion form:
- 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".

DRM/pr:03/27/95 - 51320.LTR

xc: District File

Attachments:      Notification Post Card  
                            Certification of Completion Form  
                            Statement of Basis

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-090
- 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 of the WWQRR. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- No. the facility is exempt from this requirement. However, the sludge beds will be constructed of concrete that will not allow discharge of waste to waters of the state.

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:

N/A.

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

N/A.

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

N/A.

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

N/A.

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

Footnote: 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. 95-091  
\* **CONDITIONED** \*

VanGelder Septic Tank/Leach Field  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

David VanGelder

740 11th Ave. North

Greybull, WY 82426

to construct a septic tank/leach field for a three bedroom house according to the procedures and conditions of the application No. 95-091. The facility is located in Section 9, T52N, R93W in the County of Big Horn, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is

solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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 Department of Environmental Quality, 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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
3/28/95  
\_\_\_\_\_  
Date of Issuance

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

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

JH/jyi/  
b/51297.1tr

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4 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 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".

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-091

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  
95-091  
March 23, 1995

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

APPLICABLE

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

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

UNKNOWN

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

UNKNOWN

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

UNKNOWN

- D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:

Facility meets groundwater separation requirements.

- E. Discharge may 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:

Upon abandonment of the disposal field, groundwater quality will return to background.

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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  
95-091  
March 23, 1995

- 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.

The disposal field meets the site separation distance requirements which are intended to protect aquifer users from impact.

- G. Briefly describe monitoring system. 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.

NONE

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.

JH/b/51297.ltr

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 95-092  
\* **CONDITIONED** \*

**Adams Canyon Facilities**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Teton County

P. O. Box 1727

Jackson, WY 83001

to construct an 8 inch water main to serve Jackson/Teton County Joint Powers Board buildings according to the procedures and conditions of the application No. 95-092. The facility is located in NE1/4 NW1/4 Sec. 17, T40N, R117W in the County of Teton, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities

allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

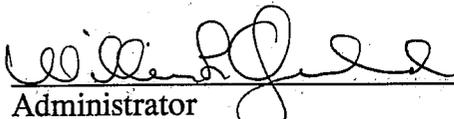
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

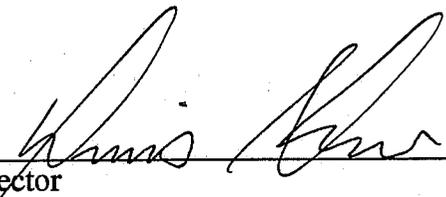
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

**AUTHORIZED BY:**

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

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

4-6-95  
\_\_\_\_\_  
Date of Issuance

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

**STANDARD CONDITIONS 1 through 4**

1. of 4      The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

Permit to Construct 95-092  
Adams Canyon Facilities

2. of 4            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 4            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 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".

JH/jm/nc 51435.LTR

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 95-092

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

A. Chapter XI. No

B. Chapter XII. Yes

### III. Basis for issuing permit.

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

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  
95-092

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

Not applicable

JH/jm/nc 51435.LTR

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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May 3, 1995

CERTIFIED MAIL

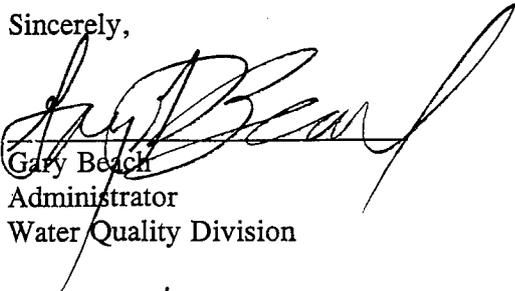
Mr. Nick Bettas  
Environmental Supervisor  
Pittsburg & Midway Coal Mining Co.  
P.O. Box 950  
Kemmerer, Wyoming 83101

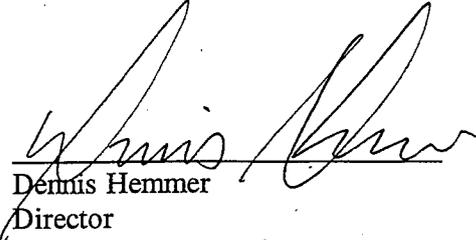
Dear Mr. Bettas:

This office recently issued construction permits 95-093 and 95-094 for sedimentation reservoirs at your Lincoln County facility. Review of this matter indicates that it would be appropriate for these facilities to be permitted by the Land Quality Division. It is our understanding that you agree with this position. Accordingly, permits 95-093 and 95-094 are hereby revoked.

You or your representative should work directly with appropriate personnel from the Land Quality Division to finalize the appropriate permits. Please excuse any inconvenience this misunderstanding may have caused.

Sincerely,

  
Gary Beach  
Administrator  
Water Quality Division

  
Dennis Hemmer  
Director  
Department Environmental Quality

GB/DH/LR/b/51916.ltr

cc: Rick Chancellor, LQD, Cheyenne  
Mark Moxley, LQD, Lander  
Randy Taylor, LQD, Lander

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 95-093  
\* **CONDITIONED** \*

P&M Coal Co., TC-A Reservoir  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Pittsburg & Midway Coal Mining Co.

P.O. Box 950

Kemmerer, WY 83101

to construct sedimentation reservoir according to the procedures and conditions of the application No. 95-093. The facility is located in NW ¼ SW ¼ S16 T21N R116W 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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 Department of Environmental Quality, 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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

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

4/8/95  
\_\_\_\_\_  
Date of Issuance

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

CONDITIONS 1 through 5

1. of 5            The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water

Permit to Construct #95-093  
P&M Coal Co., TC-A Reservoir

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 Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
- a.      Date that construction of the facility was completed; and
  - b.      Date that the facility was placed in operation; and
  - c.      Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.      Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 5      The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 5      This pond is permitted based upon management of pond operations to prevent a threat of contamination to groundwater. The pond is not designed to protect groundwater from leachable contaminants.

Because the pond collects runoff water from a disturbed area where mining activity is taking place, there is the potential for hydraulic fluid or other petroleum products leaking from equipment and being carried by runoff water to the pond. The pond shall be inspected daily, when there is the potential for contaminants from runoff or pumpage water. Any potential contaminants to groundwater shall be promptly removed.

Any discharge from this pond requires the proper NPDES authorization.

Pumpage water shall not exceed the design quantity of 6.08 acre-feet.

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-093

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. No

B. Chapter XII. No

C. Chapter X. Yes

III. Basis for issuing permit.

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

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.

NA

B. Briefly state the basis for the deviation.

NA

Statement of Basis  
95-093

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

NA

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

Not Applicable, see condition 5 of the permit.

- 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.

RRT/nc 51429.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 777-7682	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 3, 1995

CERTIFIED MAIL

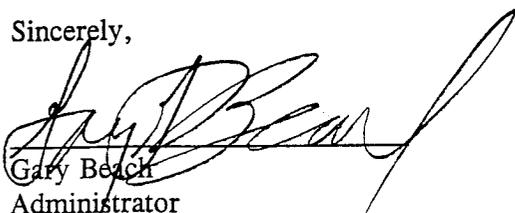
Mr. Nick Bettas  
Environmental Supervisor  
Pittsburg & Midway Coal Mining Co.  
P.O. Box 950  
Kemmerer, Wyoming 83101

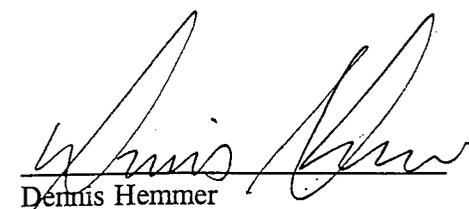
Dear Mr. Bettas:

This office recently issued construction permits 95-093 and 95-094 for sedimentation reservoirs at your Lincoln County facility. Review of this matter indicates that it would be appropriate for these facilities to be permitted by the Land Quality Division. It is our understanding that you agree with this position. Accordingly, permits 95-093 and 95-094 are hereby revoked.

You or your representative should work directly with appropriate personnel from the Land Quality Division to finalize the appropriate permits. Please excuse any inconvenience this misunderstanding may have caused.

Sincerely,

  
Gary Beach  
Administrator  
Water Quality Division

  
Dennis Hemmer  
Director  
Department Environmental Quality

GB/DH/LR/b/51916.ltr

cc: Rick Chancellor, LQD, Cheyenne  
Mark Moxley, LQD, Lander  
Randy Taylor, LQD, Lander

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 95-094  
**\* CONDITIONED \***

**P&M Coal Co., TC-B Reservoir**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Pittsburg & Midway Coal Mining Co.  
P.O. Box 950  
Kemmerer, WY 83101

to construct sedimentation reservoir and control ditches according to the procedures and conditions of the application No. 95-094. The facility is located in NW¼ NW¼ S17 T21N R116W 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

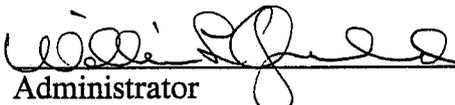
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

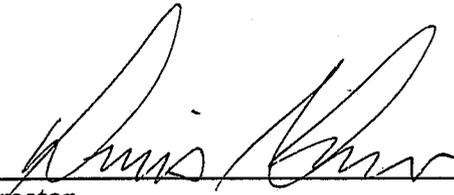
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

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

4/8/95  
\_\_\_\_\_  
Date of Issuance

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

CONDITIONS 1 through 5

1. of 5            The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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.

Permit to Construct #95-094  
P&M Coal Co., TC-B Reservoir

3. of 5      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 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      This pond is permitted based upon management of pond operations to prevent a threat of contamination to groundwater. The pond is not designed to protect groundwater from leachable contaminants.

Because the pond collects runoff water from a disturbed area where mining activity is taking place, there is the potential for antifreeze, hydraulic fluid or other petroleum products leaking from equipment and being carried by runoff water to the pond. The pond shall be inspected daily, when there is the potential for contaminants entering the pond. Any potential contaminants to groundwater shall be promptly removed.

Any surface discharge from this pond requires the proper NPDES authorization.

The pond does not have the capacity to receive pumpage water and pumpage water is not allowed into the pond.

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 95-094

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

A. Chapter XI. No

B. Chapter XII. No

C. Chapter X. Yes

### III. Basis for issuing permit.

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

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.

NA

B. Briefly state the basis for the deviation.

NA

Statement of Basis  
95-094

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

NA

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

Not Applicable. see condition 5 of the permit.

- 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.

RRT/nc 51430.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. 95-095  
**\* CONDITIONED \***

**PacifiCorp, Jim Bridger Power Plant, Diesel Subsurface Investigation**  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

PacifiCorp, Jim Bridger Power Plant

P.O. Box 158

Point of Rocks, WY 82942

to construct a series of boreholes and monitor wells according to the procedures and conditions of the application No. 95-095. The facility is located in T20N, R101W, Section 3 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

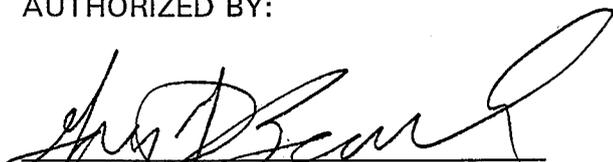
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

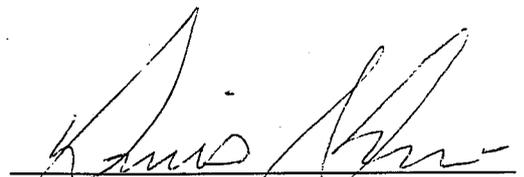
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

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

5-1-95

\_\_\_\_\_  
Date of Issuance

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

#### STANDARD AND SPECIFIC CONDITIONS (1 through 12)

- 1 of 12      The applicant will notify Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, District office of the Department of Environmental Quality, Water Quality Division, 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 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 12 The groundwater monitoring wells/piezometers shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number ~~95-095~~. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
- 4 of 12 Monitoring well/piezometer construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well/piezometer casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells/piezometers must be constructed from materials free of material having the potential to contaminate groundwater samples.
- 5 of 12 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.
- 6 of 12 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells/piezometers 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.
- 7 of 12 After the monitoring wells/piezometers 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.
- 8 of 12 Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells/piezometers 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.
- 9 of 12 The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).
- 10 of 12 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 wells/piezometers shall be installed to define the nature and extent of the contamination.

11 of 12 In addition to the well/piezometer construction information submitted with the permit application, the following items relating to well/piezometer construction contained in Chapter XI shall be implemented when the wells/piezometers are constructed, installed and developed:

- a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;
- b. Filter pack, annular seal, and surface seal material shall be entered into the well/piezometer in a manner such that no voids or bridging occur; the items contained in this section take precedence over the information submitted in the permit application.

12 of 12 DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells/piezometers and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.

#### 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 Keith Estenson, Senior Environmental Analyst, Southwest District and completed on April 21, 1995. 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."

KLE/mad 51752.LTR

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 95-096  
\* CONDITIONED \*

McClure Residence Septic Tank/Leach Field  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Greg McClure

54 East 7th Street

Lovell, WY 82431

to construct a septic tank/leach field to serve a 4 bedroom residence according to the procedures and conditions of the application No. 95-096. The facility is located in Lot 1 Jarski-Long Subdivision in Lot 69-J, T56N, R96W Resurvey in the County of Big Horn, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, 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 Department of Environmental Quality, 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: District Engineer, State of

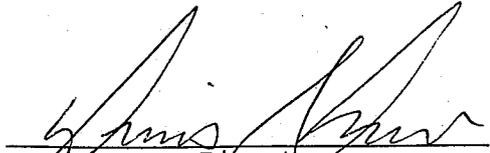
Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

  
Administrator  
Water Quality Division

  
Director  
Dept. of Environmental Quality

3/30/95  
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, 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 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 4 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 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".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-096
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- N/A
- B. Briefly state the basis for the deviation.
- N/A
- C. Permit based on general or statewide deviation contained in approved policy statement.
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote<sup>1</sup>
- 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.

Statement of Basis  
95-096  
March 27, 1995

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

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

Unknown

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

Unknown

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

Unknown

D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:

Facility meets ground water separation requirements.

E. Discharge may 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:

Upon abandonment of the disposal field, groundwater quality will return to back ground.

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.

The disposal field meets the site separation distance requirements which are intended to protect aquifer users from impact.

G. Briefly describe monitoring system. 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.

None

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.

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 95-097R  
\* **CONDITIONED** \*

Fink Septic Tank/Leach Field  
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Dorean Lynn Fink

301 S Third

Greybull, WY 82426

to construct a septic tank/leach field according to the procedures and conditions of the application No. 95-097R. The facility is located in Tract 57B, T52N, R92W Resurvey in the County of Big Horn, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising

from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

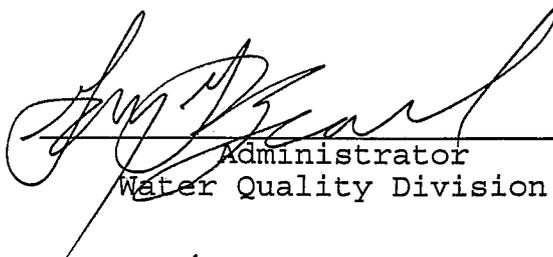
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

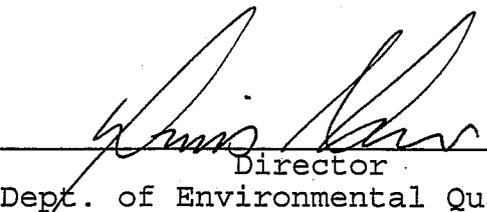
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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.

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

4-27-95  
\_\_\_\_\_  
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

Permit to Construct  
95-097R  
Fink Septic Tank/Leach Field  
Page 3

2. of 4 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 4 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 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".

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-097R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

Not Applicable

LAND APPLICATION PERMIT

X New  
Renewal  
Modified

PERMIT NO. 95-098  
SPECIAL CONDITIONS

WYDOT Project No. STPS-0504(9) Glenrock - Ross Road

This permit hereby authorizes the applicant:

Wyoming Department of Transportation  
P.O. Box 2199  
Casper, WY 82602

to land apply 529 cubic yards of crude oil contaminated soil from a pipe line spill according to the procedures and conditions of the application number 95-098. The application site is located in NW 1/4, S33N, T34N, R75W in the county of Converse, in the State of Wyoming. This permit shall be effective from May 1 to November 1.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum application standards. The authority to land apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal method will meet applicable state requirements.

Nothing in this permit constitutes an endorsement of the disposal method described herein. This permit indicates only that standards required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the disposal method described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

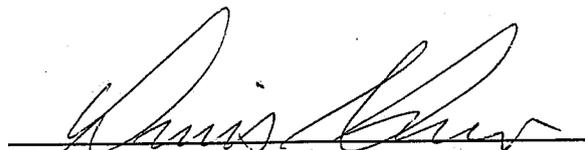
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the application site, at the above location, for the purpose of compliance with the provisions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

Nothing in this permit shall be construed to preclude the institution of any legal action or 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 invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

AUTHORIZED BY:

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

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

3/30/95  
\_\_\_\_\_  
Date of Issuance

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

#### STANDARD CONDITIONS

- 1 of 9 The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division (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.
- 2 of 9 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 9 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.
- 4 of 9 The permittee shall submit a contour map depicting only those sections of road that actually received contaminated soil within sixty (60) days of the project completion to the Southeast District Office.
- 5 of 9 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 6 of 9 Contaminated soil shall be applied uniformly. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist. Contaminated soil shall not be applied during the period from November 1 to April 10.

- 7 of 9 The application site slope shall not exceed eight percent (8%) for vehicular application.
- 8 of 9 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.
- 9 of 9 Contaminated soil applied to a road will be mechanically incorporated into the roadbed as it is applied. The contaminated soil shall not be applied to frozen ground and shall be incorporated into the roadbed as indicated above. The contaminated soil shall not be applied during or just prior to a major storm event.

Attachments: Notification Post Card  
Certification of Completion Form  
Statement of Basis

GLS/b/51338.ltr

## STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-098

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

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

No

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

No

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

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

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

B. Briefly state the basis for the deviation.

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

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

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

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (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 opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the contaminated soil onto the roadbed. Repeated applications of contaminated soil on the same sections of 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.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

PERMIT TO CONSTRUCT

New  
Renewal  
X Modified

PERMIT NO. 95-099  
ref: 93-231

Laramie Regional Airport - Firefighting Building

This permit hereby authorizes the applicant:

Laramie Airport Board  
555 General Brees Road

Laramie, WY 82070

to construct, install or modify Conversion of industrial floor drain to non-discharging tank according to the procedures and conditions of the application number 95-099 ref: 93-231. The facility is located in Section 35 NW¼, T16N, R74W in the county of Albany County, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

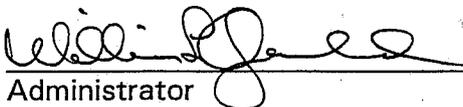
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

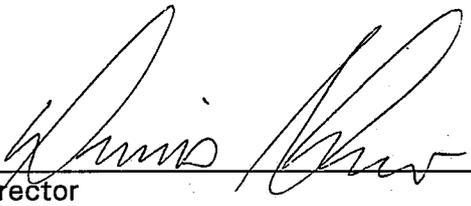
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Program Supervisor, UIC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

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

AUTHORIZED BY:

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

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

3-29-95  
\_\_\_\_\_  
Date of Issuance

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

RFL/mad 51298.LTR

STATEMENT OF BASIS

i. General information.

A. Permit Number: 95-099

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

7. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 15. (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.)

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

Applicable. This conversion will replace an existing discharge to groundwater with a non-discharging 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.

NOT Applicable

PERMIT NO. 95-099  
ref: 93-231

II. Documentation of Statement of Basis.

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

33615.DOC

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

**PROJECT:** Round Top - Repair of Backwash Line

**ENGINEER:** Herman Noe  
Board of Public Utilities  
P.O. Box 1469  
Cheyenne, WY 82003 - 1469

**APPLICANT:** Cheyenne Board of Public Utilities  
P.O. Box 1469  
Cheyenne, WY 82003 - 1469

**WATER QUALITY REFERENCE NUMBER:** 95-100

**APPROVING ENGINEER:** Gary Steele



**DATE OF REVIEW:** April 7, 1995

**ACTION:** NOT AUTHORIZED FOR CONSTRUCTION

**COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:**

- 1 of 3. Does the insituform material or resin products on the market meet NSF 61 requirements or have NSF 61 testing requirements been established for these products?
- 2 of 3. Does the installation of the insituform material create flow restrictions such that the backwash line will not carry sufficient enough water to properly backwash the filters? Please provide the calculations showing that the line will have sufficient flows.
- 3 of 3. The plan sheet and specifications need to carry the seal and signature of the engineer. Also three copies of the permit application package needs to be submitted.

GS/nc 51514.LTR

PERMIT TO CONSTRUCT

X    New  
      Renewal  
      Modified

PERMIT NO. 95-100  
SPECIAL CONDITIONS

Round Top - Repair of Backwash Line

This permit hereby authorizes the applicant:

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

to install an insitform lining in backwash line according to the procedures and conditions of the application number 95-100. The facility is located in NE 1/4 Section 16, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

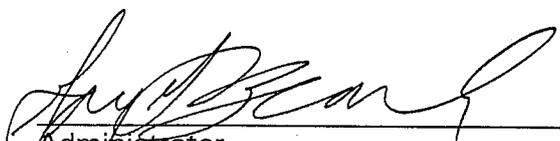
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

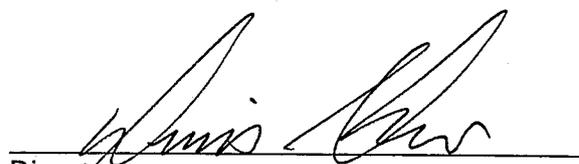
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Office,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

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

AUTHORIZED BY:

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

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

4-27-95  
\_\_\_\_\_  
Date of Issuance

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

SPECIAL 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".

GLS/mad 51746.LTR

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 95-100

### 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.

This Construction Permit is being issued under Section 5 of Chapter XII

B. Briefly state the basis for the deviation.

Insituform type lining is not covered in Chapter XII for waterline repairs. The Permittee has submitted information from the manufacturer showing that the product will not contaminate the processed water from the treatment plant.

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. See footnote. (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.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC