

## PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-501  
SPECIAL CONDITIONS  
REF/PERMIT #

Wyoming Premium Farms LLC (Residential Septic at Farrowing Unit)

This permit hereby authorizes the applicant:

Wyoming Premium Farms LLC  
P.O. Box 457  
Wheatland, WY 82201

to install a residential septic system according to the procedures and conditions of the application number 96-501. The facility is located in NE 1/4 Section 15, T26N, R68W 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, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

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

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

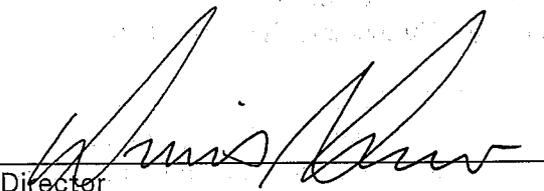
This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

11-25-96  
Date of Issuance

GLS/mad 64382.LTR

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-501

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

N/A

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

N/A

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

N/A

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

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Gary Steele, Southeast District Engineer, and completed on November 20, 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



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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November 21, 1996

Mr. Doug DeRouchey  
Wyoming Premium Farms LLC  
P.O. Box 457  
Wheatland, WY 82201

RE: Permit Reporting Requirements for Permit Number - 96-501

Dear Mr. DeRouchey:

Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

Please read the permit conditions carefully and follow through as required. Finally, bear in mind that the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

If you have any questions regarding these matters, please contact me at (307) 777-7088.

Sincerely,

  
Gary Steele, P.E.  
Southeast District Engineer  
SE District, Water Quality Division

GS/mad 64403.LTR

Enclosure: Permit Referenced



The State  
of Wyoming



## Department of Environmental Quality

Jim Geringer, Governor

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

ADMIN/OUTREACH 307-777-7758 FAX 777-3610	ABANDONED MINES 307-777-6145 FAX 777-6462	AIR QUALITY 307-777-7391 FAX 777-5616	INDUSTRIAL SITING 307-777-7369 FAX 777-6937	LAND QUALITY 307-777-7756 FAX 777-5864	SOLID & HAZ. WASTE 307-777-7752 FAX 777-5973	WATER QUALITY 307-777-7781 FAX 777-5973
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June 14, 1999

Bill Alden  
P.O. Box 125  
Pine Bluffs, Wyoming 82001

RE: Inactive Permit Application number 96-502 for the Alden - Multiple Trailer Septic System located in the NE 1/4 of Section 30, T14N, R60W, is being Returned

Dear Mr. Alden:

Your application, number 96-502, is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct permitting process.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and is punishable with fines not to exceed \$10,000 per day of violation. If this project has already been constructed, it is your responsibility to immediately contact this office for further information. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter III, Wyoming Water Quality Rules and Regulations must be followed.

Sincerely,

Ronald L. Ewald  
Senior Analyst  
SE District, Water Quality Division

RLE/bb/91443.ltr

cc: IPS

RECORD OF COMMUNICATION

PHONE CALL    DISCUSSION    FIELD TRIP    CONFERENCE  
 OTHER (SPECIFY)

PHONE NUMBER

TU File

FROM: Ron Ewald

DATE 6-14-99

TIME 3:30 pm

SUBJECT Bill Alden Septic Application #96-502

SUMMARY OF COMMUNICATION

- 1) A Review was sent on 11-26-96
- 2) No response was ever received.

→ Today - I did an on-site inspection and found that the 2nd proposed trailer was apparently never placed on the site. The weeds are high & no evidence that a trailer ever sat there.

- Also, the existing trailer is very run down, and appears to be abandoned. No recent car tracks in the weeds, etc.

↳ Conclusion: the 2nd trailer was never placed on site and the expansion of the septic system & leach field was never done

↳ Return the application !!

RLB

INFORMATION COPIES

TO:

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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### CERTIFIED

January 28, 1998

Mr. Bill Alden  
P.O. Box 125  
Pine Bluffs, Wyoming 82032

RE: **Unpermitted Facility/Non Response to Review: Application # 96-502**

Dear Mr. Alden:

Our records indicate your application for permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project is:

Facility Name:	Alden - Multiple Trailer Septic System
DEQ/WQD Reference Number:	96-502
Engineering Consultant:	Joseph E. Kub, Kub Engineers
DEQ/WQD Reviewing Engineer:	Ronald L. Ewald
Date of DEQ/WQD Review:	November 26, 1996

According to Chapter III of the Water Quality Rules and Regulations, Section 7(b)(2), "If an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide the requested information within that period, the entire incomplete application shall be returned."

Please indicate below the status of your application and return this form to our office:

The application will not be resubmitted as the proposed project has been canceled.

The application will be resubmitted within 30 days.

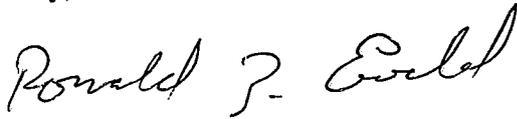
The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.

Other / Remarks: \_\_\_\_\_

Mr. Alden  
January 28, 1998  
Page 2

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division review engineer receives information concerning the status of this project within 15 days of the receipt of this letter, follow-up action will be undertaken.

Sincerely,

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

Ronald L. Ewald  
Senior Analyst  
SE District/Water Quality Division

RLE/bb/80301.ltr

cc: IPS

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

PROJECT: Alden - Multiple Trailer Septic System

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

APPLICANT: Bill Alden  
P.O. Box 125  
Pine Bluffs, Wyoming 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 96-502

REVIEWING ENGINEER: Ronald L. Ewald *RLE*

DATE OF REVIEW: November 26, 1996

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

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Verification of Size, Configuration and Construction of Existing Leach Trench Required - As was discussed by phone on November 21, 1996, the dimensions, configuration, and construction of the leach field trench installed in May of 1992 needs to be verified. According to the application cover letter, this leach trench was approved by the Laramie County Environmental Health Division (LCEHD) in 1992. However, a review of the LCEHD records indicate that only the new septic tank was permitted, approved, and inspected at this time.

Mr. Alden  
Review Plans/Specs  
Page 2

A phone conversation with Mr. Gary Hickman (the Env. Health officer who permitted the septic tank) confirms that the leach trench described in this application was not included as part of the 1992 County permit. Therefore, this leach trench was never permitted, approved, or inspected as characterized in this application. This means that this leach trench was put in without a permit. Therefore, before this office can complete an analysis of whether or not the proposed leach trench addition is adequate; the dimensions, configuration, and construction of the existing leach trench will have to be verified by some means other than referencing a county permit and inspection which did not occur. Please submit suitable other information to verify or modify these dimensions as soon as possible. The WQD cannot complete the analysis of this application until this information is submitted.

RLE/bb/64481.ltr

## PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-503  
SPECIAL CONDITIONS  
REF/PERMIT #

### Larry's Incorporated Sewerline Extension

This permit hereby authorizes the applicant:

Larry's Incorporated  
P.O. Box 7402  
Sheridan, WY 82801  
Attention: John Skinner

to construct, install or modify a sewer according to the procedures and conditions of the application number 96-503. The facility is located in SE/4 of Section 26, Township 56 North, Range 84 West in the county of Sheridan, in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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

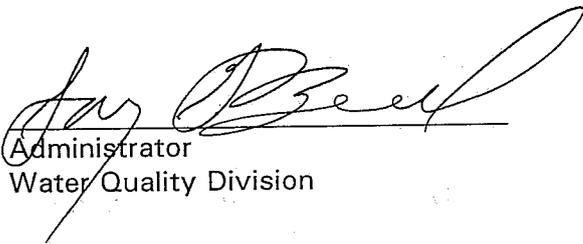
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

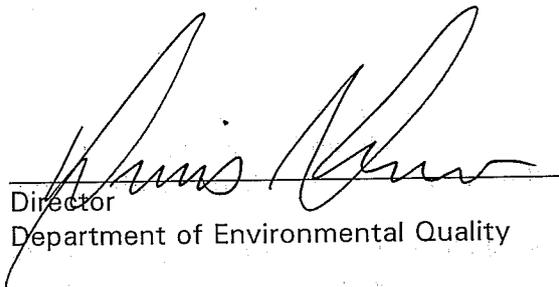
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4. The applicant will provide immediate oral and/or written notice to the Northeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
Administrator  
Water Quality Division

  
Director  
Department of Environmental Quality

11-25-96  
Date of Issuance

BDM/pr:mad 64402.LTR

cc: Jim Willey, P.E., Mentock-Willey, 1030 N. Main, #2 Taylor Place, Sheridan, WY 82801

## STATEMENT OF BASIS

### General information.

A. Permit Number: 96-503

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

Not applicable (N/A)

B. Briefly state the basis for the deviation.

(N/A)

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

(N/A)

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

(N/A)

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

(N/A)

VII. Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Brian D. Mark, P.E., Senior Environmental Analyst, and completed on November 20, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51933.DOC

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



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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December 12, 1996

Mr. Ronald L. Hecht  
1211 Rawhide Drive  
Gillette, WY 82716

RE: As-Built Permit To Construct, WQD Reference Number 96-504

Dear Mr. Hecht:

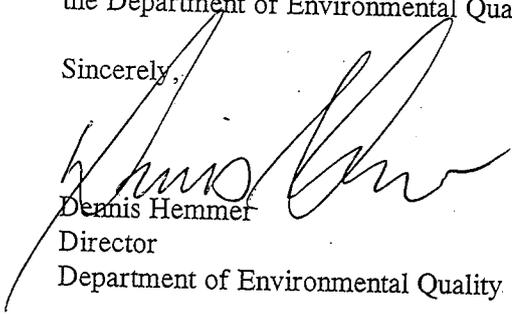
The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application you submitted. Our review of the information and as-constructed plans indicates that the application meets DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers the domestic waste collection system which has already been constructed.

Please be advised that the system must be constructed, installed, and operated in accordance with the statements, representations, and procedures presented in the application and all supporting documentation as well as the terms and conditions of the permit.

You are urged to be familiar with all aspects of the permit application, permit, and permit conditions.

Any person objecting to a permit issued by the DEQ/WQD 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/DRM/pr 43545.DOC  
b/64644.ltr

Enclosure

xc: Don McKenzie, DEQ/WQD, Sheridan

AS-BUILT  
PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-504

Ronald Hecht Collection System

This permit hereby authorizes the applicant:

Ronald L. Hecht  
1211 Rawhide Drive  
Gillette, WY 82716

to have constructed, installed or modified a domestic waste collection system according to the procedures and conditions of the application number 96-504. The facility is located in Section 5 Township 50 North Range 66 West in the county of Crook, 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 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.

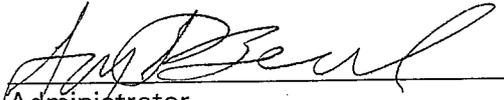
The permittee shall allow authorized representatives from the DEQ, Water Quality Division, (DEQ/WQD) upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

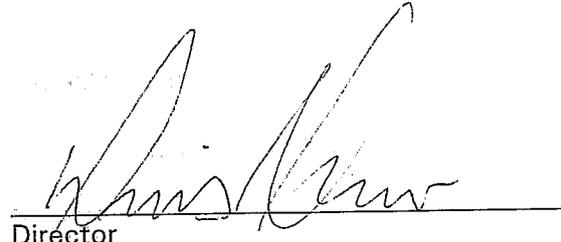
Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/or operator to comply with all applicable federal, state and local laws or regulations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

12-17-96  
\_\_\_\_\_  
Date of Issuance

DRM/pr:12-12-96  
b/64645.ltr  
xc: Cox Construction, POB 609, Moorcroft, WY 82721

## STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 96-504
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
  - A. Chapter XI. Yes
  - B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
  - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.  
No
  - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.  
No
  - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.  
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
  - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
    - 1) Section 7(a)(iii) of Chapter XI of the Wyoming Water Quality Rules and Regulations (WWQRR) requires the name and seal or signature of a Wyoming professional engineer for sewerage works.
    - 2) Section 9(c)(I)(B) requires 6-inch minimum diameter sewer lines.
  - B. Briefly state the basis for the deviation.
    - 1) The applicant and his contractor have provided the necessary information to determine compliance for a simple hydrologic domestic waste disposal system. The reviewer does not believe the cost to retain an engineer will provide any other significant information in order to issue an as-built permit.

2) A 4-inch sewer line is more than adequate to handle a design flow of 500 gallons per day for this 3-bedroom residence and garage with a toilet and sink. The reviewer recommends a deviation be granted for this regulatory requirement.

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

Not Applicable (N/A)

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

N/A. The existing septic tank and leachfield will operate as a simple hydrologic system with flows of 500 gallons per day, which is well below the 2000 gallon flow value for the Section 15 exempt small wastewater systems.

- VI. N/A

- VII. Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Donald R. McKenzie, DEQ/WQD-SPO Program Principal, and completed on December 12, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

DRM/bb/64645.ltr

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

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-505  
SPECIAL CONDITIONS

## 1996 Marciana Street Water and Sewer Improvements

This permit hereby authorizes the applicant:

Town of Dubois  
P.O. Box 555  
Dubois, WY 82513

to construct 382 feet of 6 inch PVC water main and 263 feet of 8 inch PVC sewer with manhole according to the procedures and conditions of the application number 96-505. The facility is located in NW ¼ Section 7, T41N, R106W in the county of Fremont, in the State of Wyoming. This permit shall be effective for a period of two years (2) from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

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

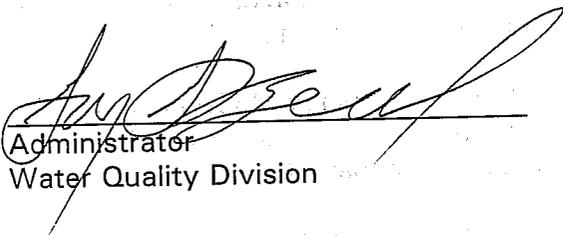
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

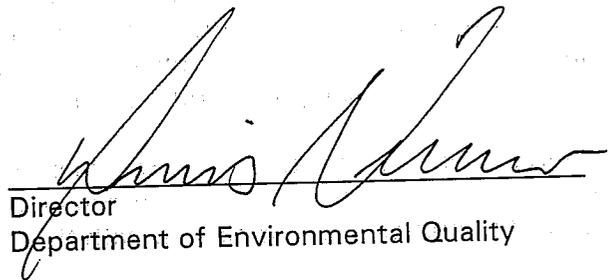
permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

1. of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

12-9-96  
Date of Issuance

JH/jyi

cc:

## STATEMENT OF BASIS

- General information.
- A. Permit Number: 96-505
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, P.E., Northwest District Supervisor, and completed on November 25, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



THE STATE OF WYOMING



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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September 8, 1998

Mr. John Garrison  
Consolidated Industrial Services  
9875 Widmer Rd  
Lenexa, KS 66215

Subject: Withdrawal of ~~Permit #96-506~~ Silo Field Processing Facility

Dear Mr. Garrison:

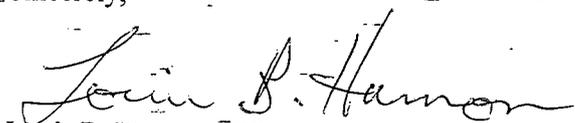
Thank you for taking time to discuss the status of the Silo Field facility with me September 3rd. It appears to be currently in compliance with the applicable construction permits, DEQ/WQD 94-272 and 96-442. I checked on the status of the bond. The surety bond provided by your firm satisfies our regulatory requirements as of this time. As it is no longer applicable, the permit transfer request of October 1996 is being returned without action.

I inspected the Silo Field facility on August 3, 1998. My observations and the test results of samples of the two ponds follow. The primary pond had a liquid depth of 3' 4". There was no visible oil sheen, the pH was 8.76, the TDS was 59416. The secondary pond had a liquid depth of 1' 10", the pH was 8.26, and the TDS was 127,000. There was liquid in some of the leak detection system monitoring ports but no port contained more than one gallon of liquid.

There were three 15,000 gallon tanks full of water weighted to 10#/gallon. This weighted water had been prepared for sale to well operators for drilling or well work over. There was one 500 bbl mud tank that contains an undetermined amount of crude oil. There was one 3000 gallon above ground tank containing diesel fuel. One copy of the photographs taken of the site on the 3rd of August is attached.

I understand from our conversation that you may reorganize your corporate structure resulting in a change of ownership of the Silo Field facility. Two copies of our Permit Transfer Request are enclosed for your convenience. If the permit is to be transferred, the name of the permittee must be the same as the principal named on the surety bond. What this means is that when you are ready to change the name of the principal on the bond, you should submit the request for permit transfer.

Sincerely,

  
Louis B. Harmon PE  
District Engineering Supervisor  
Water Quality Division

LBH/bb/82580.ltr  
Enclosures

RECEIVED

PERMIT TRANSFER REQUEST

NOV 22 1996  
96-506  
WATER QUALITY DIVISION  
WYOMING

Date: November 15, 1996

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

To Whom It May Concern:

Consolidated Industrial Services (Original Owner) intends to transfer ownership of the facility associated with Permit Number 96-442 to Great Plains Environmental (New Owner) on 10/22/96. It is requested that the said permit be transferred to the new owner in (Date)

accordance with section 10(c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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

JC Gannon Signature of Original Owner      Patricia Spivey Signature of New Owner

Name Consolidated Industrial Services Name Great Plains Environmental

Address 211 W. 14th St Address 5303 E. Evans Ave #306  
Chanute Ks 66702 Denver Co 80222

Telephone (816) 431 0052 Telephone (303) 692 0511

jn - 24141.DOC  
Revised 11/4/92

984-2658  
Bond is in Consolidated Name  
Business is being sold  
on contract  
On Site → Robert Van Rissoghem  
307-640-1008

## PERMIT TO CONSTRUCT

x New  
Renewal  
Modified

PERMIT NO. 96-507R  
SPECIAL CONDITIONS

### Ferbrache Septic Tank/Leach Field

This permit hereby authorizes the applicant:

Kenneth Ferbrache  
P.O. Box 754  
Lovell, WY 82431

to construct a septic tank/leach field with Bio Diffusers according to the procedures and conditions of the application number 96-507R. The facility is located in Lot 13, Lewis Brothers Subdivision, T56N, R96W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two years (2) 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: Jeff Hermansky, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

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

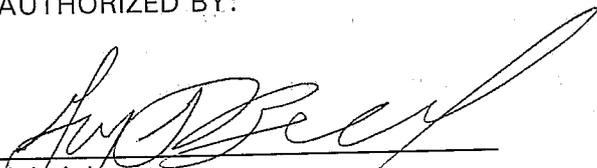
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit.

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

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

1. of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Jeff Hermansky in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

1-30-97

\_\_\_\_\_  
Date of Issuance

JH/jyi/mad 70351.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-507R
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- 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.

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 December 6, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-508  
SPECIAL CONDITIONS  
Reference 95-177 & 92-250

## R/B WOOTEN COLLECTION SYSTEM

This permit hereby authorizes the applicant:

Richard & Beverly Wooten  
170 River Road  
Alva, WY 82711

to construct, install or modify a septic system according to the procedures and conditions of the application numbers 96-508. The facility is located in the SE/4 of the SE/4 of Section 12 of Township 54 North Range 64 West in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

The permittee shall allow authorized representatives from the DEQ, Water Quality Division (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: Northeast District Office, DEQ/WQD, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457; FAX (307) 674-6050.

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

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

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

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

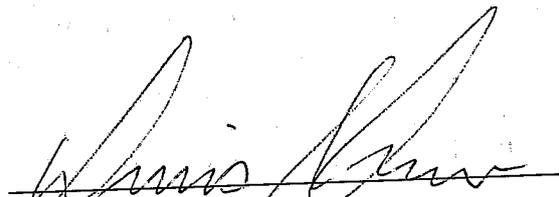
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 4 The applicant will notify the Northeast District Office by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to the Northeast District Office in accordance with the provisions of Section 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".

AUTHORIZED BY:

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

12-9-96  
\_\_\_\_\_  
Date of Issuance

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

DRM/dm:11/29/96  
/64525.ltr

Enclosures: Notification Post Card  
Certificate of Completion  
Statement of Basis

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-508

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

No

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

No

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

No

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

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

1) Section 7(a)(iii) Wyoming Water Quality Rules and Regulations (WWQRR) requires the name and seal or signature of a Wyoming professional engineer for sewerage works.

2) Section 39(a)(iii)(A) of Chapter XI of the WWQRR requires septic tanks to have a length to width ratio of at least 2:1.

B. Briefly state the basis for the deviation.

1) The applicant's proposal to add a two-bedroom residence to an existing septic system (permitted under DEQ/WQD permits 92-250 and 95-177) changes the septic system category from a small wastewater system to a collection system under Chapter XI. The applicant has provided the appropriate information to determine compliance for a simple hydrologic domestic waste system. The

existing leachfield bed was permitted under permit 95-177. The applicant will add enough infiltrative area to accommodate the additional flows. The reviewer does not believe the cost to retain an engineer will provide any other significant information in order to issue a permit to construct.

2. The septic tank was permitted under AS-BUILT permit 92-250. In spite of the length to width deficiency, the tank volume is adequate and it has performed without a documented failure for over 25 years. The reviewer recommends the tank remain a part of the septic system at this time.

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

Not Applicable (N/A)

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

N/A

VI. N/A

- VII. Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Donald R. McKenzie, Northeast District DEQ/WQD-SPO Program Principal, and completed on November 29, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

DRM/bb/64525.ltr

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

## PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-509  
SPECIAL CONDITIONS  
Reference 95-220

### MILLS WATER CONNECTIONS & WATER SUPPLY WELL

This permit hereby authorizes the applicant:

Town of Mills  
P.O. Drawer 789  
Mills, WY 82604

to construct, install or modify raw water line, water distribution lines, and water supply well according to the procedures and conditions of the application number 96-509 & 95-220. The facility is located in the E/2 of Section 7 of 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 (1) year from the date of issuance of this permit.

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

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

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

The permittee shall allow authorized representatives from the DEQ, Water Quality Division (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 Northeast District Office: DEQ/WQD, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457; FAX (307) 674-6050.

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

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

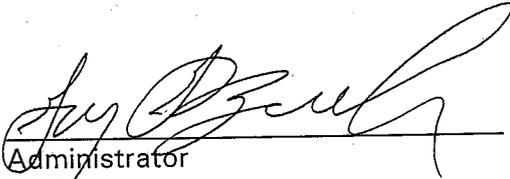
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit.

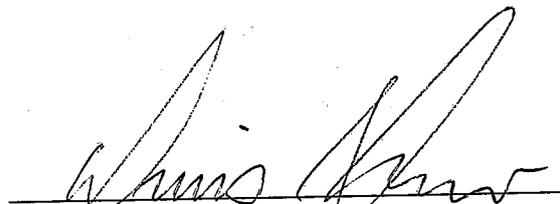
This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

- 1 of 4 The applicant will notify the Northeast DEQ/WQD District Office by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to Northeast DEQ/WQD 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 DEQ/WQD 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

12-9-96  
\_\_\_\_\_  
Date of Issuance

DRM/dm  
b/64526.ltr

xc: Doran Boston & Colin Cunningham, WLC, 200 Pronghorn, Casper, 82604

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

## STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 96-509
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
  - A. Chapter XI. No
  - B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
  - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.  
Yes
  - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.  
No
  - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.  
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
  - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.  
Not Applicable (N/A)
  - B. Briefly state the basis for the deviation.  
N/A
  - C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).  
N/A

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

N/A

VI. N/A

VII. Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Donald R. McKenzie, Northeast District DEQ/WQD-SPO Program Principal, and completed on November 29, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

DRM/bb/64526.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

XXX New  
Renewal  
Modified

PERMIT NO. 96-510  
SPECIAL CONDITIONS  
REF/PERMIT #

### DEVIL'S TOWER UIC MONITOR WELLS

This permit hereby authorizes the applicant:

The United States National Park Service  
Devil's Tower National Monument  
P.O. Box 10  
Devil's Tower, WY 82714

to construct, install or modify a system of monitoring wells around the industrial drywell and proposed sanitary leachfield according to the procedures and conditions of the application number 96-510. The facility is located in Sections 13 and 18, Township 53 North, Range 65 West in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

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

- 1 of 8. 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 96-510. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
- 2 of 8. 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 8. 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.
- 4 of 8. 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. No monitoring well/piezometer shall be abandoned without prior approval from the Water Quality Division.
- 5 of 8. 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.
- 6 of 8. 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. The following maps: A site map showing the physical features, monitoring well/piezometer/borehole locations, and mean sea level elevations of the top of casing/measuring point. A potentiometric surface map showing the direction and gradient of groundwater flow. A map delineating the extent of any subsurface contamination including LNAPL (free product), soil and dissolved groundwater contamination and concentrations which may be discovered by this investigation;

- C. The permittee shall provide the exact latitude and longitude for each of the monitor wells/piezometers being constructed under this permit. These figures shall be accurate to the nearest one (1) second of latitude and longitude. In addition, the Wyoming State Plane Coordinates, accurate to  $\pm .5$  feet, and the mean sea level elevation of the measuring point, accurate to  $\pm .01$  feet shall be provided for each well;
- D. Final construction details and lithologic logs of monitor wells/piezometers/boreholes;
- E. Geohydrologic cross sections that clearly describe the subsurface distribution of geologic materials and groundwater occurrence;
- F. Depth to water measurements, sample collection procedures, and sampling analytical results;
- G. Interpretation of the data and conclusions of the investigation, including additional recommended investigation and remedial measures, and a schedule for implementation of these measures.

7 of 8.

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.

8 of 8.

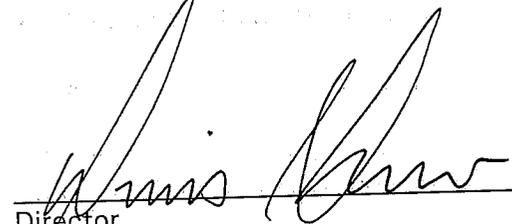
All monitor wells/piezometers associated with this facility shall be sampled and the groundwater analyzed quarterly for the following listed parameters according to the EPA Method stated:

- A. For the wells installed around the industrial drywell, the following parameters shall be tested for:
  - Aromatic and Halogenated Hydrocarbons using EPA Method 624
  - Cadmium using EPA Method 213.2
  - Chromium using EPA Method 218.1
  - Lead using EPA Method 239.1
  - Total Phenolics using EPA Method 420.1
- B. For the wells installed around the proposed sanitary drainfield, the following parameters shall be tested for:
  - Ammonia as N using EPA Method 350.3
  - Nitrate as N using EPA Method 353.2
  - Cadmium using EPA Method 213.2
  - Chromium using EPA Method 218.1
  - Lead using EPA Method 239.1
  - Total Phenolics using EPA Method 420.1
  - Total Dissolved Solids using EPA Method 160.1
  - Chloride using EPA Method 325.2
- C. After the second monitoring event, the WQD may substitute a shorter list for the above parameters, depending on the results of the second monitoring event. WQD may substitute less expensive methods for the above listed methods depending on the results of the first monitoring.

- D. The results of these analyses shall be submitted to DEQ/WQD, Herschler Bldg., 4W, 122 W. 25th Street, Cheyenne, WY 82002; telephone (307) 777-7781; FAX (307) 777-5973 by the last day of the month following the end of each quarter. The first set of results are due no later than July 30, 1997.

AUTHORIZED BY:

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

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

12-9-96  
Date of Issuance

RFL/ks  
64557.ltr

## STATEMENT OF BASIS

### GROUNDWATER MONITOR WELL (LEAK DETECTION)

This statement of basis for Permit Number 96-510 is for the purpose of constructing a system of groundwater monitor wells for groundwater monitoring around the site of a former industrial drywell and around the site of a proposed septic drainfield having a capacity in excess of 10,000 gallons per day. The review of the application indicates that the proposed facility will be in compliance with applicable regulations identified in Chapter XI, Part G (Well Construction Standards). Groundwater monitor wells for this purpose may be constructed where the depth to groundwater be less than twenty (20) feet below ground surface. Therefore, regulations in Chapter XI, Part G, Section 63, stipulate that deviation to adherence of the requirements on minimum depths of seal below the ground surface is granted for wells prevented by physical limitations (shallow depths) from meeting those requirements. A well completion submittal report is required within 90 days of well completion.

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

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Robert F. Lucht, P.E. and P.G., UIC Program Supervisor, and completed on December 3, 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."

## LAND APPLICATION PERMIT

X New  
Renewal  
Modified

PERMIT NO. 96-511  
SPECIAL CONDITIONS

### KN ENERGY INC., FT LARAMIE TREATMENT SYSTEM

This permit hereby authorizes the applicant:

KN Energy, Inc.  
370 Van Gordon  
Lakewood, CO 80228  
Attention: Mr. Hayden Truscott

to land apply treated crude oil cleaning and hydrotest waters according to the procedures and conditions of the application number 96-511. The facility is located in the SW 1/4 Section 23, Township 26 North, Range 64 West in the county of Goshen, in the State of Wyoming. This permit shall be effective until November 1, 1997.

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 design standards. The operation and maintenance of the facility to meet the consultant's design are the responsibility of the permittee, owner, and/or operator.

Nothing in this permit constitutes an endorsement by the DEQ of the design of the facility described herein. This permit verifies only that the submitted application meets the design 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 operation of the permitted facility. By issuing this permit, the state does not waive its sovereign immunity.

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

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

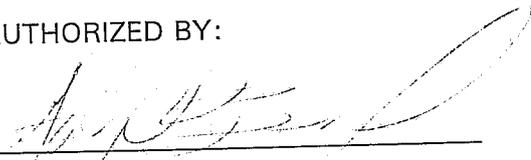
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

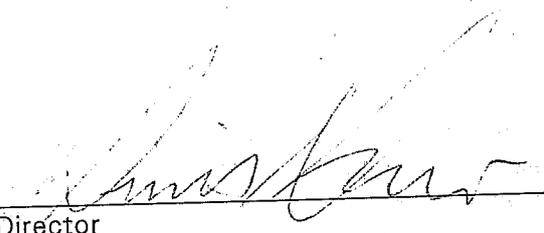
The permittee shall operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that 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 review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 2 of 5 The permittee shall notify the DEQ/WQD of the anticipated project commencement and completion dates with the attached post card, or by telephone or fax. At least 24 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD Southeast District Office, Herschler Building 4W, 122 W 24th Street, Cheyenne, WY, 82002, (307)777-7088, FAX (307)777-5973.
- 3 of 5 The permittee shall 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 to the approved permit package.
- 4 of 5 In the event any compliance constituent concentration exceeds the permit discharge limit listed in the Statement of Basis, the applicant will be in violation of the permit. The Southeast District Office must be immediately notified of the violation. If the violation is identified during discharge operations, the discharge shall cease until DEQ/WQD approval to proceed is provided. It will be the applicant's responsibility to determine the significance of the exceedance with respect to soil and groundwater impact and provide a remediation plan for DEQ/WQD approval. If the violation is identified at the end of the discharge operations the applicant must still address the significance of the exceedance on the soil and groundwaters of the state and provide a remediation plan for DEQ/WQD approval.
- 5 of 5 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Southeast District Office on the attached Certification of Completion form.

AUTHORIZED BY:

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

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

1-8-97  
Date of Issuance

GLS:pr

b/70070.ltr

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

xc: Alan Berryhill, BNC, 13431 Cullen Blvd, Houston, TX 77047

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-511
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.  
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.  
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.  
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.  
Not Applicable (N/A)
- B. Briefly state the basis for the deviation.  
N/A
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).  
N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)  
Applicable

---

<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 of the Wyoming Water Quality Rules and Regulations (WWQRR) 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:

The applicant has indicated that after treatment of the two wastewater streams, all of the compliance constituents of concern will meet EPA MCLs and the Wyoming Water Quality Rules and Regulations (WWQRR) Chapter VIII Table 1 Class 1 drinking water levels. In the event the soil sampling by the applicant at the end of the discharge operation indicates any of the constituents of concern exceed compliance levels, the applicant shall submit a soil and water remediation plan for DFO/WOD approval.

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.

The applicant shall monitor the two wastewater streams for the compliance constituents listed in the table below at the noted frequencies and using the indicated test methods. The permit discharge limits for the compliance constituents are listed in the table as well.

CONSTITUENTS TO BE MONITORED	PERMIT DISCHARGE LIMITS	CLEANING WATER FREQUENCY	HYDROTEST WATER FREQUENCY	EPA TEST METHOD
TPH	10 ppm	P,D,E	P,W,E	418.1
Benzene	0.005 ppm	P,D,E		502.2
Toluene	1 ppm	P,D,E		502.2
Ethylbenzene	0.7 ppm	P,D,E		502.2
Xylene	10 ppm	P,D,E		502.2
Ammonia	0.5 ppm		P,W,E	350.1
Sulfate	250 ppm		P,W,E	375.2
pH	6.5-9.0	P,D,E	P,W,E	150.1

P = Prior To Discharge  
 W = Weekly During Discharge

D = Daily During Discharge  
 E = End Of Discharge

In the event any compliance constituent concentration exceeds the permit discharge limit, the applicant will be in violation of the permit. The Southeast District Office must be immediately notified of the violation. If a violation is identified during discharge operations, the discharge shall cease until DEQ/WOD approval to proceed is provided. It will be the applicant's responsibility to determine the significance of the exceedance with respect to soil and groundwater impact and provide a remediation plan for DEQ/WOD approval. If a violation is identified at the end of the discharge operations, the applicant must still address the significance of the exceedance on the soil and waters of the state and provide a remediation plan for DEQ/WOD approval.

The test methods for the facility soil at the end of the land application shall include EPA Test Methods 418.1 for TPH, 8020 for BTEX, 350.1 for ammonia, 375.2 for sulfate, and 150.1 for pH.

#### 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 December 31, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

GLS/bb/70070.ltr

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

( ) New  
(X) Modified

Permit Number: 96-512  
Subclass Number: 5W12  
Reference old permits: 89-381, 89-014

In compliance with the Wyoming Environmental Quality Act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through (iv), Laws 1973, Ch. 250, Section 1) and Water Quality Rules and Regulations, Chapter III (March 28, 1988), and Chapter IX (September 4, 1980),

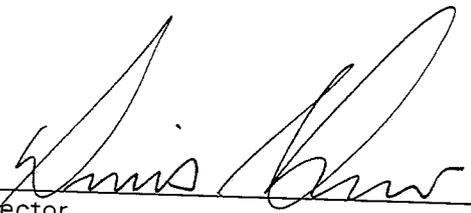
Applicant: The Aspens/Teton Pines Water and Sewer District  
P.O. Box 25003  
Jackson, Wyoming 83001  
(307) 739-9777

is authorized to operate the Aspens/Teton Pines Wastewater Injection System in the SW ¼ SW ¼, Section 14, Township 41 North, Range 117 West, of the 6th Principal Meridian; according to the procedures and conditions of application #89-014, and #89-381 and other conditions of this permit as contained on pages 1 through 8.

This permit shall become effective on date of issuance.

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

1-23-97  
Date

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

1-23-97  
Date

## A. DISCHARGE ZONE AND AREA OF REVIEW

### Discharge Zone:

This injection well is authorized to inject into the Alluvial Aquifer along the Snake River which is found at this location from 0 to at least 140 feet below the ground surface.

### Area of Review

The facility authorized by this permit is located in:

Township 41 North, Range 117 West, 6th Principal Meridian  
Section 14: SW $\frac{1}{4}$ SW $\frac{1}{4}$

The Area of Review around this facility has been established as a fixed area of review consisting of all the lands within one half mile of the center of the points of injection and is legally described as:

Township 41 North, Range 117 West, 6th Principal Meridian  
Section 14: W $\frac{1}{2}$ E $\frac{1}{2}$ ; W $\frac{1}{2}$   
Section 15: E $\frac{1}{2}$   
Section 22: NE $\frac{1}{4}$ NE $\frac{1}{4}$   
Section 23: N $\frac{1}{2}$ NW $\frac{1}{4}$

The above description fully encloses the fixed area of review, but does include some lands which are outside of the area of review. During the initial permitting of this facility, the permittee provided public notice to all property owners within the one half mile radius fixed area of review. The fixed area of review was supported by groundwater modeling which showed that it is of adequate size.

## B. GROUNDWATER CLASSIFICATION

The groundwater in the Alluvial Aquifer along the Snake River is classified as class I under Chapter VIII of Wyoming Water Quality Rules and Regulations (April 9, 1980). This classification was made because:

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

and

b. The groundwater in this formation is presently being used as a source of water which meets the definition of class I.

Groundwater of class I shall not be degraded so as to make it unusable as a source of water for this purpose. Any pre-existing ambient water quality parameters which exceed the class I standard of use shall not be degraded above the pre-existing ambient water quality concentration.

## C. AUTHORIZED OPERATIONS

The permittee is authorized to inject 400,000 gallons per day, (9,524 barrels per day) of wastewater as described: The wastewater is municipal sewage which has first been treated using an advanced wastewater treatment facility consisting of three oxidation ditches, primary and secondary clarifiers, rapid sand filtration and final chlorination prior to discharge. The plant contains provision for breakpoint chlorination in the event that unusual characteristics in the sewage necessitate such treatment.

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

**Hazardous Waste**

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

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

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The permittee shall prepare records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least 3 years after closure of the facility.
3. Records of monitoring information shall include:
  - a. The date, exact place, and time of sampling or measurements;
  - b. The name(s) of individual(s) who performed the sampling or measurements;
  - c. The date(s) analyses were performed;
  - d. Names of individuals who performed the analyses;
  - e. The analytical techniques or methods used; and
  - f. The results of such analyses.
4. At a minimum, the groundwater in the receiving formation shall be sampled at the following points during the operation of this system.

WELL NAME OR NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL)*
Perimeter Monitor Wells MW-1, MW-2, MW-3, MW-4, MW-5	Quarterly	pH Meter	pH	> 6.0; < 8.5
		Probe	Static Water Level	NONE
Idle Recharge Wells RC-1, RC-2, RC-3, RC-4, RC-5	Quarterly	pH Meter	pH	> 6.0; < 8.5
		Probe	Static Water Level	NONE
		Nesslerization	Ammonia as N	0.50
		Cadmium Reduction	Nitrate as N	10.0
		EPA Method 160.1	Total Dissolved Solids	500.0

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

The above Upper Control Limit (UCL) is not to be exceeded in any sample. Exceedance of this value is a violation of this permit and shall require that all wells named on the above table be sampled monthly for three months for the parameter which exceeded. This includes both the perimeter monitor wells and the idle recharge wells.

### E. REQUIREMENTS FOR MONITORING THE DISCHARGE

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

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL) *
Weekly	Nesslerization	Ammonia as N	0.5
	Cadmium Reduction	Nitrate as N	10.0
	5 Day BOD	Biochemical Oxygen Demand	10.0
	Membrane Filter	Total Suspended Solids	10.0
	Membrane Filter	Fecal Coliform Bacteria	1 Colony per 100 ml
	pH Probe	pH	> 6.0; < 8.5
Quarterly	EPA Method 420.1	Total Phenols	.075
	EPA Method 160.1	TDS	500.0
	Ferricyanide	Chloride	250.0
	SulfaVer4 (Method 426-C)	Sulfate	100.0

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

The above Upper Control Limit (UCL) shall apply to a rolling average of 4 consecutive samples on the above schedule. Exceedance of this value in any average of 4 consecutive samples is a violation of this permit. Any violation under this section shall require that all perimeter monitor wells and all idle recharge wells be monitored monthly for three months for whichever parameter(s) caused the violation.

### F. RECORDS AND REPORTS

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.
2. The permittee shall give notice to the administrator as soon as possible of any planned physical alterations or additions to the permitted facility.
3. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 30 days following each schedule date.

4. The permittee shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time the permittee becomes aware of the circumstances. The report should include:
  - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.
  - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.

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

5. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted; such reports shall contain the information listed in 4. above.
6. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the administrator, it shall promptly submit such facts or information.
7. The permittee shall retain all records concerning the nature and composition of injected fluids until 5 years after completion of any specified plugging and abandonment procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.
8. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, a groundwater pollution control permit has been issued by the department for the proposed operation, and:
  - a. Well construction is complete and the permittee has submitted notice of completion of construction to the administrator,
  - b. The administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the administrator of intent to inspect or otherwise review the facility within 13 days of the notice of a. above, in which case prior inspection or review is waived, and
9. The quarterly report of operations for this/these well(s) shall be submitted on forms provided by the department and shall include the following information:
  - a. Any permit exceedances within the quarter.
  - b. The analytical results for sampling for the injected water and any groundwater sampling results required under Sections D and E.
  - c. Quarterly reports are due in the Cheyenne office of the Water Quality Division no later than 30 days after the end of each calendar quarter.

10. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the administrator within 30 days of complete termination of the injection (discharge) or associated activity, in lieu of the last quarterly report.

## G. GENERAL PERMIT CONDITIONS

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

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

Each permit is reviewed at least once every 5 years, and may be reviewed more frequently.

A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit is issued. A permit may be modified in whole or part in order to apply more, or less, stringent standards; or prohibitions for a toxic or other substance present in the permittee's discharge, as may be ordered by the council. This permit can be terminated by authority of the administrator for one or more permit violations.

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

Any permit noncompliance constitutes a violation of the permit.

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

The owner/operator of record (permittee) is always responsible for permit compliance. A permit holder cannot transfer his permit without approval of the department director.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

The provisions of this permit are severable, and if any provision of the permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

Unless authorized by this permit, pollution or waste which migrates into an aquifer containing a usable groundwater of the state is a violation of the permit.

## H. ABANDONMENT

The permittee shall notify the administrator at least 180 days before well abandonment. Immediately following the permit cessation of subsurface discharge or related activity, or where a well has not been completed, the applicant/permittee shall notify the administrator and follow the procedures prescribed by the administrator for plugging and abandonment or the discontinuance of related activities.

At the time of abandonment of any well constructed as an injection well under this permit, the casing shall be jacked back out of the ground and the hole filled with a bentonite slurry having a ten minute gell strength of 20 pounds per 100 square feet and a filtrate volume not to exceed 13.5 cc. The top 20 feet of the hole shall be filled with concrete designed to have a 28 day compressive strength of 3,000 psi. In the event that the casing is parted during removal, or if for any reason the casing cannot be recovered, the inside of the casing shall be filled with abandonment fluid as described above, the top 20 feet of the casing shall be filled with concrete and the casing shall be cut off 3 feet below grade and covered with a concrete cap. In no case shall the injection wells covered by this permit be converted to any other purpose.

## I. DUTIES OF THE PERMITTEE

It is a duty of the permittee to:

1. Comply with all permit conditions;
2. Halt or reduce activity -- it shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permittee activity in order to maintain compliance with the permit conditions;
3. Take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit; and
4. Furnish to the administrator within a reasonable time, any information which the administrator may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit; and furnish to the administrator, upon request, copies of records required to be kept by this permit.

## J. SPECIAL MEASURES THE DIRECTOR FINDS NECESSARY:

The permittee shall maintain each major system within the treatment plant in working order. Operation of the plant with any system inoperable for more than 30 days shall be considered a permit violation, even if the effluent quality meets other requirements. The Water Quality Division shall be notified in advance if any major system within this plant is to be taken off line for more than 7 days.

## K. SIGNATORIES REQUIREMENT

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

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

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

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

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

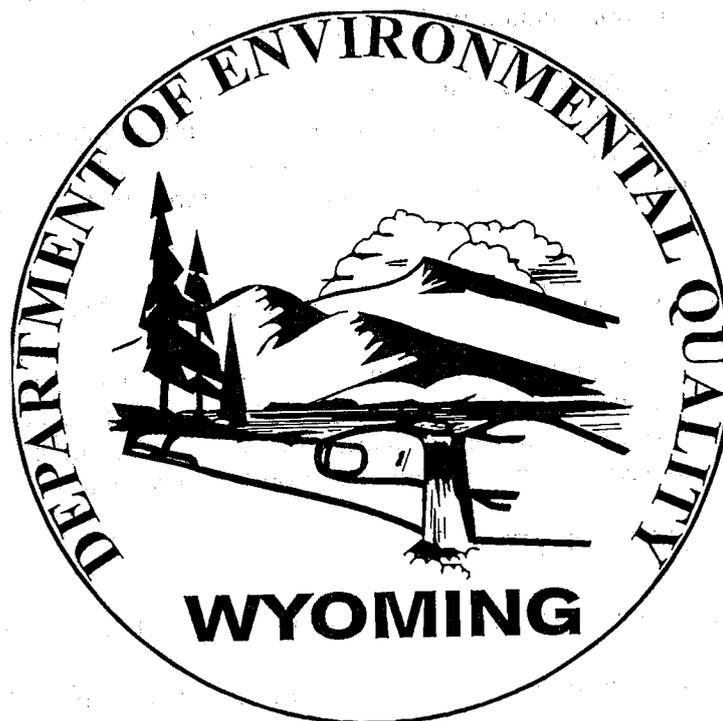
1. The authorization is made in writing by one of the described principals;
2. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and
3. The written authorization is submitted to the administrator.

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

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

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

RL/ks  
64559.ltr





JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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December 13, 1996

Cheyenne BOPU  
Attn. Herman Noe  
2100 Pioneer Ave.  
Cheyenne, Wyoming 82001

RE: Permit Reporting Requirements for Permit Number - 96-513

Dear Mr. Noe:

Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

Please read the permit conditions carefully and follow through as required. Finally, bear in mind that the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

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

Sincerely,

Ronald L. Ewald  
Senior Analyst  
SE District, Water Quality Division

RLE/mad 64655.LTR

Enclosure: Permit Referenced Above

cc: Gary E. Brown, MK Centennial, 4020 House Ave., Cheyenne, WY  
82001

## PERMIT TO CONSTRUCT

X  
New  
Renewal  
Modified

PERMIT NO. 96-513  
SPECIAL CONDITIONS  
REF/PERMIT #

### Foxcrest Subdivision - Water & Sewer Mains

This permit hereby authorizes the applicant:

Cheyenne BOPU  
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 96-513. The facility is located in the SE 1/4 of Section 27, T14N, R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

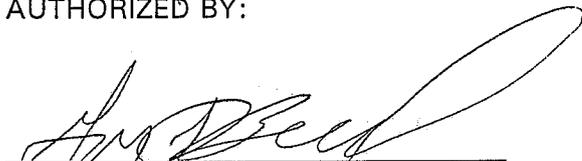
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

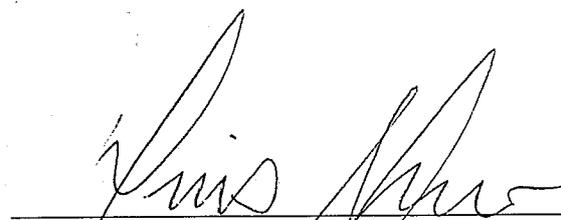
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4. The applicant will provide immediate oral and/or written notice to the SE District office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the SE District office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

12-17-96  
\_\_\_\_\_  
Date of Issuance

RLE/mad 64656.LTR

STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 96-513
  
- 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 December 12, 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.



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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December 16, 1996

Foster Land Company  
Attn. Patrick Walden, Vice President  
P.O. Box 2388  
Cheyenne, Wyoming 82003

RE: Permit Reporting Requirements for Permit Number - 96-514

Dear Mr. Walden:

Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

In addition to the requirements listed above, this permit includes **reporting requirements** which are **specific to this project**:

4. If Encountered - Report any observations of or any laboratory results indicating any contaminated soil, surface water, or groundwater (Condition 7).

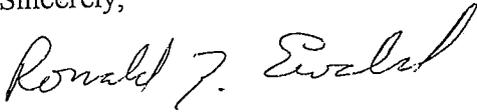
December 16, 1996

Page 2

Please read the permit conditions carefully and follow through as required. Finally, bear in mind that the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

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

Sincerely,



Ronald L. Ewald  
Senior Analyst  
SE District, Water Quality Division

RLE:ks  
64675.ltr

Enclosure: Permit Referenced Above

cc: Clay Muirhead, Terracon Consultants Western, 2701 Westland Court, Suite A, Cheyenne,  
Wyoming 82001

PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-514  
SPECIAL CONDITIONS  
REF/PERMIT #

Monitoring Wells for Property Located at SW Corner of Pershing Blvd. & Taft Avenue

This permit hereby authorizes the applicant:

Foster Land Company  
P.O. Box 2388  
Cheyenne, Wyoming 82003

to construct, install or modify monitoring wells according to the procedures and conditions of the application number 96-514. The facility is located in the NW 1/4 of 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 confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and/or operator.

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

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

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

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

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

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

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

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

- 1 of 17. 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 17. 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 17. 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 17. The State Engineer's Office (Groundwater Division) must be notified (777-7354) prior to installation of monitoring well(s); permits may be required.
- 5 of 17. All downhole drilling, monitoring and sampling equipment should be de-contaminated between boreholes, borings, monitoring well(s)/piezometer(s) to minimize the potential for cross-contamination.
- 6 of 17. Borehole cuttings should be screened and disposed of properly. Contaminated cuttings must be disposed of at a site approved by the WDEQ's Solid and Hazardous Waste Management Division.
- 7 of 17. The results of any observations (e.g. visual, odor, etc.) or analyses (e.g. field instruments, laboratory, etc.) conducted on **soil** removed from boreholes, test pits or other sub-surface investigative methods which indicate the release of a hazardous substance or oil (as defined in Water Quality Rules and Regulations, Chapter IV - Note: Chapter IV also contains a description of the requirements for reporting and responding to a release of oil or hazardous substance; copies can be obtained free of charge by contacting the Wyoming Department of Environmental Quality Division) should be, and in some instances must be reported to WDEQ. Contact the nearest Water Quality Division office (listed below) for reporting requirements.

The results of any observations (e.g. visual, odor, etc.) or analyses (e.g. field instruments, laboratory, etc.) conducted on **surface water or groundwater** removed from monitoring wells/piezometers, boreholes, test pits or other sub-surface investigative methods which

indicate the release of a hazardous substance or oil (as defined in Water Quality Rules and Regulations, Chapter IV) must be reported to WDEQ. Contact the nearest Water Quality Division office (listed below) for applicable reporting requirements.

Regional offices can be contacted at:

Cheyenne	777-7781
Lander	332-2479
Sheridan	672-6457

8 of 17.

Measures should be taken during the design, construction and installation of monitoring wells, piezometers, boreholes, test pits, cone penetrometer holes etc. to prevent co-mingling between aquifers and to prevent contaminants from entering the annulus of the well. WDEQ/WQD recommends that you utilize standards within Sections 64 - 69 of Part G of Chapter XI of WDEQ/WQD rules and regulations when the well(s)/piezometer(s) are constructed, installed and developed:

- a. The borehole diameter should be at least four (4) inches larger in diameter than the casing diameter.
- b. When PVC casing is used, the casing should be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues to hold the casing sections together.
- c. For water table (unconfined) aquifers, the screened interval should extend at least two (2) feet above the highest expected groundwater level and five (5) feet below the lowest expected water table. Monitoring well(s)/piezometer(s) installed in confined and semi-confined aquifers should be constructed in accordance with Chapter XI, Section 68 of Water Quality Division Rules and Regulations. Factory screen or slotted casing is recommended for the perforated interval.
- d. To minimize the entrance of fine grained material into the monitoring well/piezometer, the filter pack should be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval. The filter pack should extend to a minimum of one (1) foot above the screened interval.
- e. Filter pack, annular seal, and surface seal material should be entered into the monitoring well/piezometer in a manner such that no voids or bridging occur.
- f. A minimum two (2) foot thickness of bentonite or bentonite grout should be placed at the top of the filter pack to serve as an annular seal. After the bentonite has been placed in the annular space, it should be hydrated to insure a proper seal.
- g. The annular space above the bentonite seal to within one foot (1') of the surface should be sealed with neat cement grout, sand-cement grout, bentonite, or concrete according to the specifications provided in WQD Chapter XI, Section 65(c)(I-viii).
- h. A protective casing should be cemented into place with the upper one (1) foot of the annular space completed in cement, forming a concrete apron sloping away from the monitoring well/piezometer.

- I. A top and bottom cap of the same material as the monitoring well/piezometer casing should be installed to prevent sediment and surface water from entering the monitoring well/piezometer.

9 of 17. **Field Documentation of Design, Construction and Installation of Monitoring Well(s)/Piezometer(s):**

- a. We recommend that you consider documenting the following information during actual construction and installation of monitoring well(s)/piezometer(s). The information should be retained for future reference.
  1. Date/time of construction.
  2. Person developing information/other person(s) on site and their association to the project.
  3. Drilling method and if drilling fluid was used.
  4. Well location ( $\pm 0.5$  ft.).
  5. Well depth ( $\pm 0.1$  ft.).
  6. Bore hole diameter and well casing diameter.
  7. Drilling and lithologic logs (including visual, olfactory and vapor detection observations). (*See attached 'Borehole Installation Diagram'*).
  8. Casing material.
  9. Screen materials and design/location.
  10. Casing and screen joint type.
  11. Screen slot size/length.
  12. Filter pack material/size, grain analysis.
  13. Filter pack volume calculated/actually installed.
  14. Filter pack placement method/location.
  15. Sealant (annular space) materials.
  16. Sealant volume used.
  17. Sealant placement method/location.
  18. Surface seal design/construction.
  19. Well development procedure used.
  20. Type of protective well cap (top and bottom).
  21. Surveyed elevation ( $\pm 0.01$  ft. Mean Sea Level) of:
    - A. ground surface
    - B. surveyor's well reference point
    - C. top of well casing
    - D. top of protective structure
  22. Location of well number stamp or identification marking.
  23. Detailed 'as-built' construction drawing of well, including dimensions to all well features. (*See attached 'Monitor Well Installation Diagram'*)  
*NOTE: The detailed drawing(s) should indicate all well features with relation to stratigraphic sections and/or lithologic materials.*
  24. Method of down hole equipment decontamination between wells.

- 10 of 17. Well caps should be kept locked at all times other than for monitoring purposes. The wells should 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.

- 11 of 17. Monitoring well(s)/piezometer(s) should be developed by the use of a pump or bailer so that representative groundwater samples can be collected.

- 2 of 17. Water which is collected during monitoring well/piezometer development or sampling must be disposed of properly. If contaminants are believed to be present, contact the nearest WDEQ office for information regarding proper disposal.
- 13 of 17. Prior to sampling, monitoring well(s)/piezometer(s) should be purged until a minimum of three (3) casing volumes have been removed, or until purged dry, whichever occurs first.
- 14 of 17. Sample collection, preservation, transportation and chemical analytical procedures should be completed in accordance with WQD and EPA standard procedures.
- 15 of 17. Samples and measurements should be taken from the appropriate aquifer(s) and should be representative of the impact, or potential impact, from the monitored activity.
- a. Records of all monitoring information should be maintained by the existing property owner(s).
  - b. Records of monitoring information should include:
    - 1. The date, exact place, and time of sampling or measurements;
    - 2. The name(s) of individual(s) who performed the sampling or measurements;
    - 3. Sampling procedures and sample preservation accomplished;
    - 4. The date(s) analyses were performed;
    - 5. Names of individuals who performed the analyses;
    - 6. The analytical techniques or methods used; and
    - 7. The results of such analyses.
- 16 of 17. After the monitoring well(s)/piezometer(s) have fulfilled their useful purpose, they should be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Division Rules and Regulations. Boreholes, test pits, cone penetrometer holes and similar invasive borings should be, and in some instances must be properly plugged, sealed and abandoned to prevent co-mingling between contaminated and non-contaminated groundwaters and aquifers.

PERMIT NO. 96-514

17 of 17. 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

12-20-96  
\_\_\_\_\_  
Date of Issuance

RLE:ks  
64676.ltr

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-514

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

No

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

No

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

Yes - Chapter XI, Section 63(A), and  
Guideline #1: Groundwater Pollution Control Program (Version 1.1; December 1996)

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.

Applicable - Chapter XI, Part G - Well Construction, Sections 64 to 69.

B. Briefly state the basis for the deviation.

Basis - When groundwater is so shallow as to make it physically impossible to meet specific requirements and dimensions - a deviation must be allowed. This is covered by Chapter XI, Section 63(a) which states, "a deviation is hereby granted for those well(s)/piezometer(s) prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to standard engineering practice."

- 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).

Description - When shallow groundwater is encountered - best engineering practices shall be employed in accordance with the Groundwater Pollution Control Guideline #1, and the Conditions contained within this permit.

- 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 December 13, 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.



THE STATE OF WYOMING



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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January 6, 1997

Cheyenne BOPU  
Attn. Herman Noe  
P.O. Box 1469  
Cheyenne, Wyoming 82003

RE: **Permit Reporting Requirements** for Permit Number - 96-515

Dear Mr. Noe:

Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

In addition to the requirements listed above, this permit includes **reporting requirements** which are **specific to this project**:

4. The septic system construction must be inspected by the Laramie County Environmental Health Section before the construction is covered (Condition 6)

Please read the permit conditions carefully and follow through as required. Finally, bear in mind that

January 6, 1997  
Page 2

the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

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

Sincerely,



Ronald L. Ewald  
Senior Analyst  
SE District, Water Quality Division

RLE:ks  
70068.ltr

Enclosure: Permit Referenced Above

cc: William Greene, MK Centennial, 4020 House Ave., Cheyenne, Wyoming 82001

# PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-515  
SPECIAL CONDITIONS  
REF/PERMIT #

Eldon Strid Office Facilities: Water and Septic Utilities

This permit hereby authorizes the applicant:

Cheyenne BOPU  
Attn. Herman Noe  
P.O. Box 1469  
Cheyenne, Wyoming 82003

to construct water supply utilities, fire hydrants, and septic system facilities according to the procedures and conditions of the application number 96-515. The facility is located in the SW 1/4 of Section 3, T13N, R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

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

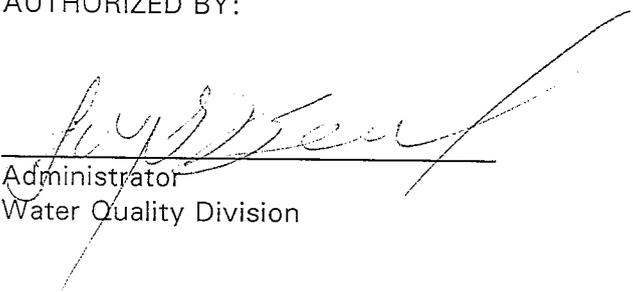
- 1 of 7. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 7. The applicant will provide immediate oral and/or written notice 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 7. 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 7. Fire Hydrant Water Service Line Must be Sleeved - The 6 inch water supply line to the fire hydrant on the east side of the property (identified as area "H") shall be protected by sleeving at least 10 feet beyond both of the existing 30 and 36 inch sewers which are above the water supply line. The 1.5 foot of vertical clearance only applies when the water line is above the sewer line. In this case the water is below the sewer, therefore the additional protection must be provided.
- 5 of 7. The intent of the construction authorized by this permit is to provide facilities for the interim treatment of wastewater until such time that treatment is available through a regional wastewater collection and treatment system. The 201 Facilities Plan Final Report: City of Cheyenne, South Cheyenne Water and Sewer District, and Laramie County requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be properly abandoned or integrated into the regional system in accordance with the requirements of the Facility Plan.

PERMIT NO. 96-515

3 of 7. The permittee shall notify the Laramie County Environmental Health Division at least two (2) days prior to installation of this system to arrange for required inspections. Inspection of the installed system is required prior to backfilling. Laramie County Environmental Health charges a fee for these inspection services. Their offices are located at 100 Central Avenue, Cheyenne, Wyoming 82007; or they can be reached by phone at (307) 633-4090.

7 of 7. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

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

RLE:ks  
70069.ltr

cc: Laramie County Environmental Health

## STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 96-515
- 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 January 02, 1997. 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: Eldon Strid Office Facilities: Water & Septic Utilities

ENGINEER: William Greene  
MK Centennial  
4020 House Ave.  
Cheyenne, Wyoming 82001

APPLICANT: Cheyenne BOPU  
Attn. Herman Noe  
P.O. Box 1469  
Cheyenne, Wyoming 82003

WATER QUALITY DIVISION REFERENCE NUMBER: 96-515

REVIEWING ENGINEER: Ronald L. Ewald RLE

DATE OF REVIEW: December 16, 1996

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

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. P.E. Stamp Required - The plan drawings are not stamped or signed.
2. "201" Exception Required - Before the septic system portion of these plans can be approved and permitted, a 201 exception must be granted by the Cheyenne/Laramie County 201 Review Panel. To verify that this exception has been granted, a copy of a letter from the 201 review panel granting the exception must be submitted as part of the permit application. To find out what is necessary to get a 201 exception, contact Gary Hickman with the Laramie County Environmental Health Division (LCEHD) at (307) 633-4090 or 100 Central Avenue, Cheyenne, Wyoming 82007.
3. Pressure Analysis and Fire Pressure Analysis Required - The proposed water system extensions should be analyzed to see if they will maintain the required 35 psi working pressures, and also to see if 20 psi pressure can be maintained when there are fire flows through the new hydrants.
4. Profile Views Required - Profile views of the water system extensions (not service connections) are required along with the plan views. Be sure to show where sewer lines would cross above or below the new water lines.

## PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-516  
SPECIAL CONDITIONS  
REF/PERMIT #

Sun Valley Addition, 14th Filing - Phase 5

This permit hereby authorizes the applicant:

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

to construct an extension to the publicly owned distribution and collection systems according to the procedures and conditions of the application number 96-516. The facility is located in S ½ 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 confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and/or operator.

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

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

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

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

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

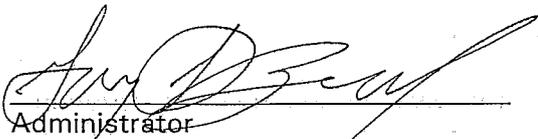
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

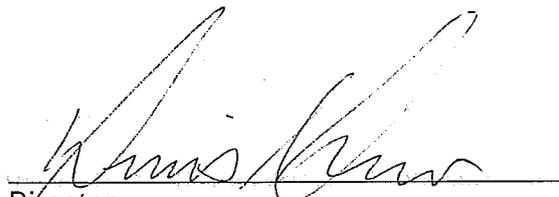
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
Administrator  
Water Quality Division

  
Director  
Department of Environmental Quality

12-17-96  
Date of Issuance

GLS:ks  
64619.ltr

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-516

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

A. Chapter XI. Yes

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

N/A

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

N/A

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

N/A

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

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Gary Steele, Southeast District Engineer, and completed on December 11, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

## PERMIT TO CONSTRUCT

X  
New  
Renewal  
Modified

PERMIT NO. 96-517  
SPECIAL CONDITIONS  
REF/PERMIT # 85-349

### Mexican Flats Disposal Facility ( Cut off trench and pumpback system)

This permit hereby authorizes the applicant:

Snyder Oil Corporation  
1625 Broadway  
Denver, CO 80202

to construct, install or modify a cut off trench with a pump back system and two monitoring wells according to the procedures and conditions of the application number 96-517. The facility is located in NW 1/4 Section 17, T15N, R92W in the county of Carbon, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

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

- 1 of 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".

PERMIT NO. 96-517

5 of 6 Monitoring well 8 shall be monitored for the presence of water on a monthly basis. If water is found in the well then the water shall be analyzed for PH, Total Dissolved Solids, Chlorides, Sulfates, Oil & Grease, Sodium, and Potassium. If it is determined that the water is seepage from the lagoons then the applicant shall notify DEQ immediately and submit a report. The report shall provide the depth of the water found, the sampling results from the water, and a plan to contain the seepage and return it to the lagoons.

6 of 6 All monitoring requirements under Permit to Construct 85-349 shall be adhered to.

AUTHORIZED BY:

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

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

12-20-96  
\_\_\_\_\_  
Date of Issuance

GLS:ks  
64672.ltr

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-517

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 for cut off trench and yes for monitoring wells

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.)

Water Quality does not have Rules and Regulations regarding cut off trenches. The trench is a French drain with a sump at the low place on the trench. The trench is being installed to intercept water leaching from a commercial pit permitted under the above referenced permit. A monitoring well has been installed down dip from the cut off trench to verify that all of the water is being intercepted.

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:

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:

The referenced permit was issued with the knowledge that any wastewater that leached through the soil bentonite liners of the ponds would collect on the bedrock approximately 20 feet below the ground surface. Monitoring wells were advanced into the bedrock and are used to detect seepage from the ponds. The cut off trench is to intercept seepage that has been identified on the bedrock and return it to the ponds. A monitoring well was placed down dip from the cut off trench to verify all of the water is intercepted.

- 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.

- 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.

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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 NO. 96-517

The monitoring system is to determine if water exists on the surface of the bedrock. If water is found in monitoring wells 1, 2, 5, or 8 the applicant is required to test the water. If the water is found to be seepage from the ponds then the WDEQ/WOD shall be notified. The applicant shall provide a report which outline steps to either eliminate the seepage or capture the seepage and return it to the lagoons.

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 December 13, 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

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

Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

PROJECT: Stone Creek Subdivision - Sewer Improvements

ENGINEER: Bradley A. Brooks  
BenchMark of Cheyenne  
1920 Thomes Ave., Suite 629  
Cheyenne, Wyoming 82001

APPLICANT: Cottonwood Construction  
c/o Tom Feeser  
190 Aspen Circle  
Torrington, Wyoming 82240

WATER QUALITY DIVISION REFERENCE NUMBER: 96-518

REVIEWING ENGINEER: Ronald L. Ewald *RLE*

DATE OF REVIEW: April 10, 1997

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

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Engineering Design Report (EDR) - The EDR should be re-written to remove any comments, descriptions, or plans of the water supply system as originally proposed with all of the wells connected to one common water supply system. A brief paragraph should be included explaining about the 3 separate systems which do therefore not constitute a public water supply system.
2. Sewage Acceptance Letters - Because of confusion as to whether or not the West Highway Water & Sewer District and the Town of Torrington have given their approval, it will be necessary to submit specific letters of acceptance before this permit can be issued. The letter from West Highway should specifically state that they will accept the sewage, and that their system can handle the additional hydraulic loads. The letter from the Town of Torrington should state that they agree to accept the sewage, and that their system can handle the additional hydraulic loads as well as the additional organic loads at the treatment facility.

Plans/Specs Review

Permit #96-518

Page 2

3. Masonry Block Manholes - These will be allowed by the final permit provided that before the permit is issued that it is certified (and PE Stamped) by the design engineer that all of these type of manholes were indeed installed with the first row of block imbedded into the wet concrete of the poured in place base; and that the Q-BOND sealer was applied to both the inside and outside of each manhole as per the manufacturer's instructions.
  
4. Water Supply System - Before the permit is approved it must be certified (and PE stamped) by the design engineer that the water supply system was indeed constructed as 3 separate systems of less than 20 service connections, and that no interconnections exist between the systems.

RLE/bb/71243.ltr

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

Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

PROJECT: Stone Creek Subdivision - Water and Sewer Improvements

ENGINEER: Bradley A. Brooks  
Jack Noblitt & Associates, P.C.  
1920 Thomes Ave., Suite 629  
Cheyenne, Wyoming 82001

APPLICANT: Cottonwood Construction  
c/o Tom Feeser  
190 Aspen Circle  
Torrington, Wyoming 82240

WATER QUALITY DIVISION REFERENCE NUMBER: 96-518

REVIEWING ENGINEER: Ronald L. Ewald *RLE*

DATE OF REVIEW: January 14, 1996

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

COMMENTS, INADEQUACIES, AND QUESTIONS:

**PUBLIC WATER SUPPLY SYSTEM (Chapter XII)**

1. Whole sections of Chapter XII have not been addressed concerning the public water supply system. These include:
  - Section 9: "Source Development", which includes such items as the location of the wells, actual well production rates (not just the pump ratings) (ie., yield and drawdown tests, well construction and materials, and the type and installation of the well pumps including discharge piping).
  - Section 10: "Treatment", which would include the type of treatment and equipment to be used.

Section 11: "Chemical Application", if applicable.

Section 12: "Pumping Facilities", which would include such things as calculation of the Total Dynamic Head, physical construction details of the pump house, and other appurtenances.

The requirements of these sections need to be addressed relative to this particular project. Also, an Operation and Maintenance (O&M) manual for the water supply system should be included. The O&M manual should specify who will be responsible for the operation and maintenance of the water supply system.

2. There do not seem to be enough valves in the water distribution system to meet the maximum spacing requirements.
3. At Rocky Road and Sandy Court where the sewer crosses over the water main, there is no secondary protection (such as sleeving) provided.

#### SEWER COLLECTION SYSTEM (Chapter XI)

4. Details of the sewer lift station need to be provided in accordance with Section 10 of Chapter XI. Also, an O&M manual for the lift station and force main should be included. The O&M manual should specify who will be responsible for the operation and maintenance of the lift station and force main.
5. Force Main Inadequacies - In accordance with Section 9(c)(ii) of Chapter XI, the following items need to be addressed:
  - a. Force mains are required to be at least 4 inches in diameter.
  - b. Air release facilities need to be provided at the proper locations.
  - c. Cleanouts should be provided at 400 foot intervals.
  - d. Are grinder pumps provided at the beginning of the force main?
6. A letter of approval and acceptance from the Town of Torrington stating that they agree to accept and can handle the sewage loads from this subdivision is required.
7. Masonry Manholes NOT Allowed - In accordance with Chapter XI, Section 9(d)(vii), manholes shall be constructed using cast-in-place concrete or precast concrete with gasketed joints.

## PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-518  
SPECIAL CONDITIONS

### Stone Creek Subdivision - Sewer Improvements

This permit hereby authorizes the applicant:

Cottonwood Construction  
c/o Tom Feeser  
190 Aspen Circle  
Torrington, Wyoming 82240

to construct and install a sewer collection system with lift station according to the procedures and conditions of the application number 96-518. The facility is located in the W ½ of Section 09, T24N, R61W in the county of Goshen, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

PERMIT NO. 96-518

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

AUTHORIZED BY:

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

*Ron has  
signed page.*

\_\_\_\_\_  
ronmental Quality

\_\_\_\_\_  
Date of Issuance

RLE:ks  
72575.ltr

cc: NOV and ORDER File: Docket Number 2836-97

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-518

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



**JIM GERINGER**  
GOVERNOR

## Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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August 12, 1997

Cottonwood Construction  
c/o Tom Feeser  
190 Aspen Circle  
Torrington, Wyoming 82240

RE: Permit Reporting Requirements for Permit Number - 96-518

Dear Mr. Feeser:

Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

In addition to the requirements listed above, this permit includes **reporting requirements** which are **specific to this project**:

4. Certified Operator Verification - You must submit evidence that an appropriate Certified Wastewater Collection System Operator is covering this portion of the sewer collection system (Condition 4).

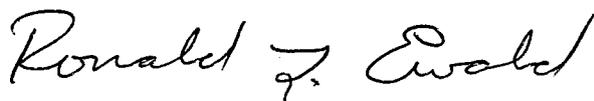
Please read the permit conditions carefully and follow through as required. Finally, bear in mind that the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

Cottonwood Construction  
c/o Tom Feeser  
August 12, 1997  
Page 2

Lastly, the **NOV & ORDER(Docket Number 2836-97)** will be vacated when the construction authorized by this permit is complete and all terms and conditions of this permit have been satisfactorily complied with.

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

Sincerely,



Ronald L. Ewald  
Senior Analyst  
SE District, Water Quality Division

RLE:ks  
72574.ltr

Enclosure: Permit Referenced Above

cc: Bradley A. Brooks, BenchMark of Cheyenne, P.C., 1920 Thomas Ave., Suite 620, Cheyenne, Wyoming 82001

## PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-518  
SPECIAL CONDITIONS

### Stone Creek Subdivision - Sewer Improvements

This permit hereby authorizes the applicant:

Cottonwood Construction  
c/o Tom Feeser  
190 Aspen Circle  
Torrington, Wyoming 82240

to construct and install a sewer collection system with lift station according to the procedures and conditions of the application number 96-518. The facility is located in the W ½ of Section 09, T24N, R61W in the county of Goshen, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

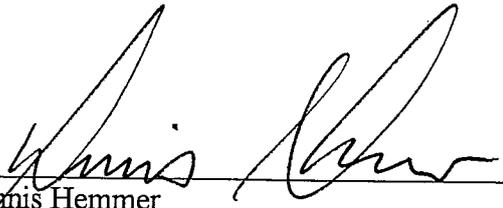
The permittee shall notify representatives from the DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineering Supervisor, State of Wyoming,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

PERMIT NO. 96-518

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

AUTHORIZED BY:

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

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

8-15-97  
\_\_\_\_\_  
Date of Issuance

RLE:ks  
2575.ltr

cc: NOV and ORDER File: Docket Number 2836-97

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-518
- 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

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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December 13, 1996

Mr. Mark Bayer  
P.O. Box 5070  
Warner Robins, GA 31099

RE: Permit Reporting Requirements for Permit Number - 96-519

Dear Mr. Bayer:

Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

Please read the permit conditions carefully and follow through as required. Finally, bear in mind that the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

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

Sincerely,

  
Gary Steele, P.E.  
Southeast District Engineer  
SE District, Water Quality Division

GS/mad 64657.LTR

Enclosure: Permit Referenced Above

## PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-519  
SPECIAL CONDITIONS  
REF/PERMIT #

Dakota Ranch Headquarters Trailer Wastewater Disposal Facility

This permit hereby authorizes the applicant:

Mark Bayer  
P.O. Box 5070  
Warner Robins, GA 31099

to construct a residential septic system according to the procedures and conditions of the application number 96-519. The facility is located in SE 1/4 Section 34, T24N, R70W 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, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

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

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

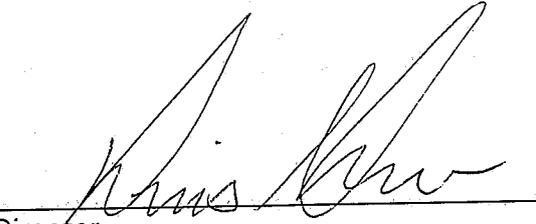
This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

12-17-96  
\_\_\_\_\_  
Date of Issuance

GLS/mad 64657.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-519
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- N/A
- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)
- N/A

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

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Gary Steele, Southeast District Engineer, and completed on December 13, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

## PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-520R  
SPECIAL CONDITIONS

### Big Horn Federal Bank Fire Sprinkler Line

This permit hereby authorizes the applicant:

Gordon Fuller  
Big Horn Federal Bank  
339 Arapahoe  
Thermopolis, WY 82443

to construct a 4 inch diameter water main according to the procedures and conditions of the application number 96-520R. The facility is located in SW¼ Section 36, T43N, R95W in the county of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of two years (2) 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: Jeff Hermansky, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

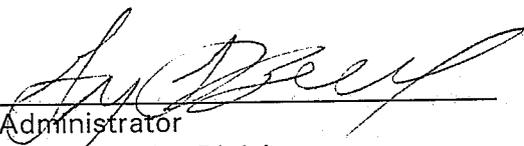
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

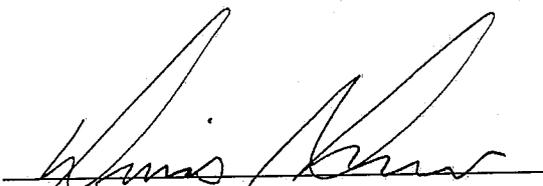
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

1. of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

1-23-97  
Date of Issuance

JH/jyi/mad 70300.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-520R
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Supervisor, and completed on January 21, 1997. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



THE STATE OF WYOMING



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

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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January 10, 1997

Town of Torrington  
Attn. John Tucker, Director of Public Works  
2042 East 'A' Street  
Torrington, Wyoming 82240

RE: Permit Reporting Requirements for Permit Number - 96-521

Dear Mr. Tucker:

Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

Please read the permit conditions carefully and follow through as required. Finally, bear in mind that the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

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

Sincerely,

Ronald L. Ewald  
Senior Analyst  
SE District, Water Quality Division

RLE/mad 70161.LTR

Enclosure: Permit Referenced Above

cc: Timothy D. Eisenhauer, Baker & Associates, 215 East 21st Ave.,  
Suite 110, P.O. Drawer 'E', Torrington, Wyoming 82240

## PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-521  
SPECIAL CONDITIONS  
REF/PERMIT #

Torrington: 1997 Sewer Improvement, Replacement, & Cured-In-Place Rehabilitation Project

This permit hereby authorizes the applicant:

Town of Torrington  
2042 East 'A' Street  
Torrington, Wyoming 82240

to construct, install or modify sewer improvements, replacements, and cured-in-place rehabilitations according to the procedures and conditions of the application number 96-521. The facility is located in SW 1/4 of Section 10, T24N, R61W in the county of Goshen, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

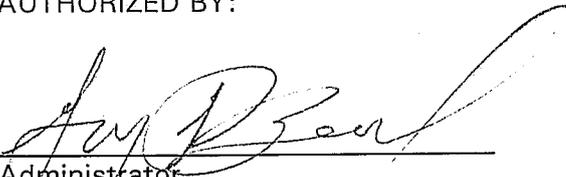
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

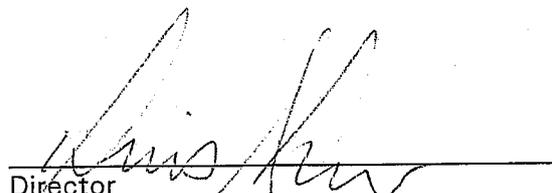
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 5. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5. The applicant will provide immediate oral and/or written notice to the SE District office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the SE District office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 5. DEVIATION from Minimum Pipe Slopes Granted - A deviation from the requirements for minimum sewer pipe slopes is granted for those sections of existing sewer which are currently less than the minimum pipe slopes and which are to be rehabilitated and upgraded in place by cured-in-place pipe liner product.
- 5 of 5. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

1-13-97  
\_\_\_\_\_  
Date of Issuance

## STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 96-521
- 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.  
  
Chapter XI, Section 9(c)(i)(C) - Minimum slope requirements for different sewer pipe diameters.
  - B. Briefly state the basis for the deviation.  
  
Basis - The deviation is only granted for those sections of existing sewer which are currently less than the minimum slopes now required, and which are to be rehabilitated and upgraded in place by cured-in-place sewer pipe liner product. The basis of the deviation is that even though the pipe diameter will be slightly decreased, the hydraulic capacity of the pipes will be increased by roughly 25%. Since the existing sewer system (even in it's deteriorated condition), has enough capacity, this rehabilitation will improve the situation significantly. This deviation is not applicable to new construction or replacement construction.

- 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 January 10, 1997. 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.



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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December 31, 1996

Mr. Herman Noe  
Cheyenne Board Of Public Utilities  
2406 Snyder Ave.  
Cheyenne, WY 82001

RE: Permit Reporting Requirements for Permit Number - 96-522

Dear Mr. Noe:

Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

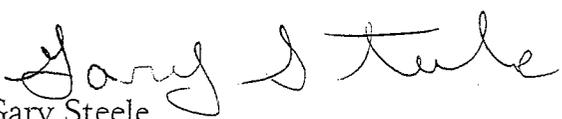
1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

Mr. Noe  
December 31, 1996  
Page 2

Please read the permit conditions carefully and follow through as required. Finally, bear in mind that the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

If you have any questions regarding these matters, please contact me at (307) 777-7088.

Sincerely,

  
Gary Steele  
Southeast District Engineer  
Water Quality Division

GLS/bb/64894.ltr

Enclosure: Permit #96-522

## PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-522  
SPECIAL CONDITIONS  
REF/PERMIT #

### Bell Well Field Backflow Prevention

This permit hereby authorizes the applicant:

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

to install cross connection control devices at several locations in the Bell Well Field according to the procedures and conditions of the application number 96-522. The facility is located in Sections 7, 17, & 18 T13N, R67W & Sections 12, 13, 14, 15 & 24 T13N, R68W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

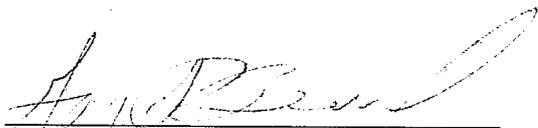
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

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

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

1-6-97  
Date of Issuance

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-522
- 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.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- N/A
- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)
- N/A

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

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Gary Steele, Southeast District Engineer, and completed on December 30, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

GLS/bb/64885.ltr

## PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-523R  
SPECIAL CONDITIONS

### Big Horn Avenue & 7th Street Water Main

This permit hereby authorizes the applicant:

City of Worland  
P.O. Box 226  
Worland, WY 82401

to construct, an 8-inch PVC water main to replace an existing 6-inch CIP according to the procedures and conditions of the application number # 96-523R. The facility is located in SW1/4 NE1/4 and SE1/4Nw1/4 Sec. 25, T47N, R93W in the county of Washakie, in the State of Wyoming. This permit shall be effective for a period of three (3) 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: Jeff Hermansky, Northwest District Supervisor, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

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

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

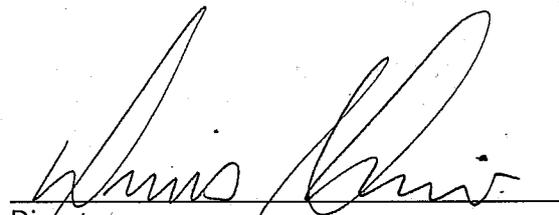
This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

1. of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Jeff Hermansky 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 Jeff Hermansky 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

5-28-97  
Date of Issuance

JH/mad 71764.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-523R
- 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.) N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- N/A
- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

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

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 Jeff Hermansky, Northwest District Supervisor, and completed on May 22, 1997. 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."

51932.DOC

## PERMIT TO CONSTRUCT

- New  
- Renewal  
- Modified

PERMIT NO. 96-524  
SPECIAL CONDITIONS

South Park Addition, City of Green River

This permit hereby authorizes the applicant:

Bruce Blacketter  
225 Juniper  
Green River, WY 82935

to construct wastewater collection system extension and water distribution system upgrade according to the procedures and conditions of the application number 96-524. The facility is located in S34 & S35 T18N R107W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

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

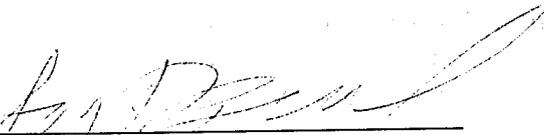
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit.

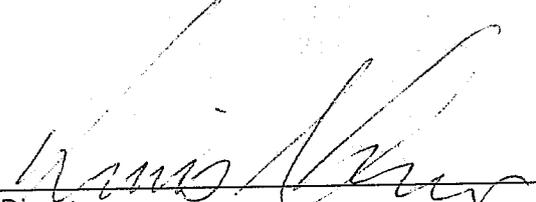
This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

1. of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

1-6-97  
Date of Issuance

RRT/bb/70053.ltr

cc: Joint Powers Water Board; 165 E Railroad Ave., Suite C; Green River, WY 82935  
City of Green River; Engineering & Planning; 50 E 2nd N; Green River, WY 82935

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-524

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.)

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

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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 Randall Taylor, Southwest District Engineering Supervisor, and completed on 23 December 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."

RRT/bb/70053.ltr

## PERMIT TO CONSTRUCT

X New  
- Renewal  
- Modified

PERMIT NO. 96-525  
SPECIAL CONDITIONS

Fire Hydrant and Water Service, 991 Elk St.

This permit hereby authorizes the applicant:

Blaine Slagowski  
P.O. Box 1556, 2216 Westview  
Rock Springs, WY 82902

to construct fire hydrant and 4" water service according to the procedures and conditions of the application number 96-525. The facility is located in SW¼, Section 26, T19N, R105W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two years (2) from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

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

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

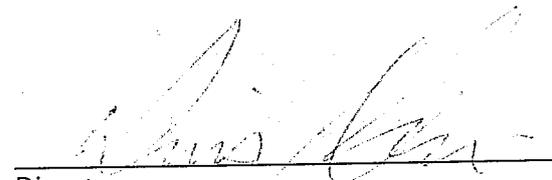
This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

1. of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

1-8-97  
Date of Issuance

RRT/bb/64839.ltr

cc: Joint Powers Water Board; 165 E Railroad Ave., Suite C; Green River, WY 82935  
City of Rock Springs, Public Works; 212 D St.; Rock Springs, WY 82901

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-525

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

A. Chapter XI. No

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

Not Applicable

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

Not Applicable

---

<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.

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 Engineering Supervisor, and completed on 23 December 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."

RRT/bb/64839.ltr

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

Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

PROJECT: Water Line Cedar Plaza Lots 7-10, Block 3

ENGINEER: Bob D. Baker  
Baker & Associates  
1790 W. Victory Way  
Craig, CO 81625

APPLICANT: Leeland Thomas Grieve & John Smith  
P.O. Box 240  
Baggs, WY 82321

WATER QUALITY DIVISION REFERENCE NUMBER: 96-526

REVIEWING ENGINEER: Gary Steele



DATE OF REVIEW: 12-31-96

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

COMMENTS:

1 of 3 Water Quality Rules and Regulations require that a design report be submitted with the construction plans and specifications. The design report can be in the form of a cover letter but should at a minimum include the following information.

- a) A description of the project including information which describes whether this is an extension of the publicly owned systems or if this system will be operated and maintained by the owner. This information should include a letter from the Town of Baggs indicating that they have the ability to supply the required amount of water for this project.

Review of Plans/Specs

Permit #96-526

Page 2

2 of 3 Water Quality Rules and Regulations require that dead end mains have the ability to be flushed through a blowoff or fire hydrant. Any details required for the flushing device need to be included on the plans.

3 of 3 Does the proposed water main cross any sewer mains? If sewer mains are crossed they need to be shown in the plan and profile sheet and if the water main can not cross 18" above a sewer main then additional protection is required.

GLS/bb/64887.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 777-5616	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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February 18, 1997

Leland Thomas Grieve & John Smith  
P.O. Box 220  
Savery, WY 82332

RE: Permit Reporting Requirements for Permit Number - 96-526

Dear Mr. Grieve & Mr. Smith:

Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

Please read the permit conditions carefully and follow through as required. Finally, bear in mind that the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

Leland Thomas Grieve & John Smith  
February 18, 1997  
Page 2

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

Sincerely,

  
Gary Steele, P.E.  
Southeast District Engineer  
Water Quality Division

GLS:ks  
70639.ltr

Enclosure: Permit Referenced Above

cc: Bob D. Baker, Project Engineer

## PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-526  
SPECIAL CONDITIONS  
REF/PERMIT #

Water Line Cedar Plaza Lots 7-10, Block 3

This permit hereby authorizes the applicant:

Leland Thomas Grieve & John Smith  
P.O. Box 220  
Savery, WY 82332

to construct an extension to the publicly owned distribution system according to the procedures and conditions of the application number 96-526. The facility is located in NE 1/4 Section 8, T12N, R91W in the county of Carbon, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

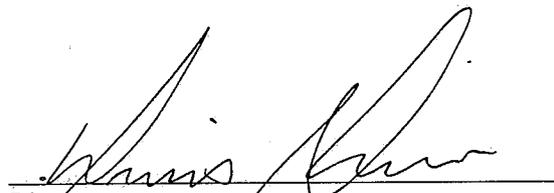
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

2-21-97  
Date of Issuance

GLS:ks  
70637.ltr

cc: Bob D. Baker, Project Engineer

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-526
- 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.)  
N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)  
N/A
- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)  
N/A

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

VII. Documentation of Statement of Basis.

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

**CERTIFICATION**

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Gary Steele, Southeast District Engineer, and completed on February 18, 1997. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

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

Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

PROJECT: Water & Sewer Lines Extension Cedar Plaza

ENGINEER: Bob D. Baker  
Baker & Associates  
1790 W. Victory Way  
Craig, CO 81625

APPLICANT: Leeland Thomas Grieve  
P.O. Box 240  
Baggs, WY 82321

WATER QUALITY DIVISION REFERENCE NUMBER: 96-527

REVIEWING ENGINEER: Gary Steele



DATE OF REVIEW: 12-31-96

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

COMMENTS:

1 of 3 Water Quality Rules and Regulations require that a design report be submitted with the construction plans and specifications. The design report can be in the form of a cover letter but should at a minimum include the following information.

- a) A description of the project including information which describes whether this is an extension of the publicly owned systems or if this system will be operated and maintained by the owner. This information should include a letter from the Town of Baggs indicating that they have the ability to supply the required amount of water for this project and that they can transport and treat the wastewater.
- b) Fire flow requirements for the Town of Baggs if they exist or at least what the town requires this hydrant to flow. This information needs to include calculations and modeling which demonstrates that a minimum of 20 psi can be maintained under all flow conditions and a working pressure of 35 psi can also be maintained.

Review of Plans/Specs

Permit #96-527

Page 2

- c) Calculations that show projected wastewater flow and maximum velocity. Water Quality Rules and Regulations require that if wastewater velocities get over 10 fps then the collection line needs to have special design considerations to determine if thrust blocks are required.
- 2 of 3 The plans show an air relief valve however there are no details identifying how the air relief valve will be constructed. Water Quality Rules and Regulations require that details be provided with the plans. These details need to include thrust block design for the water system as well.
- 3 of 3 Water Quality Rules and Regulations require that additional protection be provided for the water main if the watermain is not 18 inches above the sewer line at water and sewer main crossings. The additional protection can either be encasement of either the water or sewer main by a separate conduit which extends 10 feet on both sides of the crossing or the sewer main can be constructed of water grade pipe. Concrete encasement is not accepted as additional protection of the water main.

GLS/bb/64886.ltr



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-5616	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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February 19, 1997

Mr. Leeland Thomas Grieve  
P.O. Box 240  
Baggs, WY 82321

RE: Permit Reporting Requirements for Permit Number - 96-527

Dear Mr. Grieve:

Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

Please read the permit conditions carefully and follow through as required. Finally, bear in mind that the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

If you have any questions regarding these matters, please contact me at (307) 777-7088.

Sincerely,

  
Gary Steele, P.E.

Southeast District Engineer  
Water Quality Division

GLS/bb/70705.ltr

Enclosure: Permit Referenced Above

## PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-527  
SPECIAL CONDITIONS  
REF/PERMIT #

### Water Line - Cedar Plaza Replat

This permit hereby authorizes the applicant:

Leeland Thomas Grieve  
P.O. Box 240  
Baggs, WY 82321

to construct an extension to the publicly owned distribution and collection systems according to the procedures and conditions of the application number 96-527. The facility is located in NE 1/4 Section 8, T12N, R91W in the county of , Carbon in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

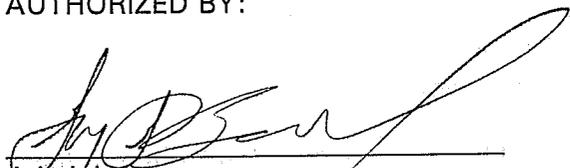
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

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

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to Southeast District Engineer in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

2-21-97  
Date of Issuance

GLS/bb/70705.ltr

## STATEMENT OF BASIS

### General information.

A. Permit Number: 96-527

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

A. Chapter XI. Yes

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

N/A

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

N/A

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

N/A

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

VII. Documentation of Statement of Basis. -

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Gary Steele, Southeast District Engineer, and completed on February 19, 1997. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

GLS/bb/70705.ltr

DEPARTMENT OF ENVIRONMENTAL QUALITY  
STATE OF WYOMING  
UNDERGROUND INJECTION CONTROL PERMIT  
ISSUED UNDER CHAPTER XIII  
WYOMING WATER QUALITY RULES AND REGULATIONS  
CLASS I INJECTION WELL

( ) New  
(x) Modified

Permit Number UIC 96-528  
Reference old permits: 82-39R, 89-285

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

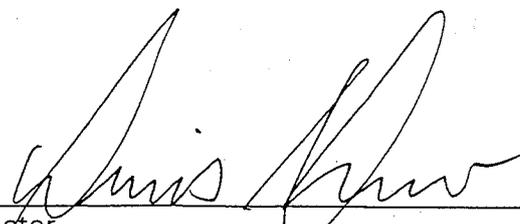
Applicant: Amoco Production Company U.S.A.  
P.O. Box 1400  
Riverton, Wyoming 82501  
(307) 856-8111

is authorized to operate the Beaver Creek Gas Plant Disposal Well #48, in the SE $\frac{1}{4}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 10, T33N, R96W, 6th P.M. and the Beaver Creek Gas Plant Disposal Well #83 in the NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 15, T33N, R96W, 6th P.M. both in Fremont County, Wyoming for the subsurface injection of non-hazardous industrial wastes according to the procedures and conditions of the application 82-39R and amendment applications 89-285 and 96-528 and requirements and other conditions of this permit as contained in pages 1 through 13.

This permit shall become effective on date of issuance.

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

Date 3/19/97

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

Date 3-24-97

## **A. Discharge Zone**

1. Injection is authorized into the Second Cody Sandstone of the Mesa Verde Formation. The discharge is limited to perforations from 3,484 to 3,580 feet below average ground level in Well #48, and from 3,656 to 3,753 feet below average ground level in Well #83. Injection into any other interval constitutes a violation of this permit.
2. This permit authorizes injection of plant waste waters into the Beaver Creek Disposal Well #48 and the Beaver Creek Disposal Well #83 only. No discharge to any surface drainage or impoundment is authorized by this permit.
3. The packer set on the bottom of the tubing shall be set within 500 feet of the top of the authorized discharge zone.

## **B. Area of Review**

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

Township 33 North, Range 96 West, 6th Principal Meridian  
Section 10: SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  SW  $\frac{1}{4}$   
Section 15: NE  $\frac{1}{4}$  NW  $\frac{1}{4}$
2. The area of review encompasses the following legally described area, all in Fremont County, Wyoming and all within the Beaver Creek Oil and Gas Unit:

Township 33 North, Range 96 West, 6th P.M.  
Section 10: S  $\frac{1}{2}$  SW  $\frac{1}{4}$ ; S  $\frac{1}{2}$  N  $\frac{1}{2}$  SW  $\frac{1}{4}$ ; S  $\frac{1}{2}$  NW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ; SW  $\frac{1}{4}$  SE  $\frac{1}{4}$   
Section 15: NW  $\frac{1}{4}$ ; W  $\frac{1}{2}$  NE  $\frac{1}{4}$ ;

The above Area of Review is based on a  $\frac{1}{4}$  mile radius as supported by a calculated cone of influence of  $4.89 \times 10^9$  feet and a volumetric fill up calculation of 994.5 feet around each well. Both of these calculations were based on 300 barrels per day in each well for 20 years.

## **C. Groundwater Classification**

1. The groundwater in the injection zone is class VI under Chapter VIII of the Wyoming Water Quality Rules and Regulations for the following reasons:
  - a. The zone has been used for injection of oil field produced water for a number of years, and still is. Prior to use as a disposal well, both Well #48 and Well #83 were used for water injection for the purpose of enhanced oil recovery.
  - b. This zone has been used for injection of non-hazardous industrial waste since 1979.
  - c. This formation water contains naturally occurring oil and gas contamination which cannot be reasonably expected to be treatable to provide a source of drinking water or water for other uses at this location.

## 1. Authorized Operations

1. The permittee is authorized to inject into the Second Cody Sandstone of the Mesa Verde Formation, through perforations at 3,484 to 3,580 in Well #48 and through perforations at 3,650 to 3,760 in Well #83. Additional perforations within the Second Cody Sand may be allowed with prior approval of the Water Quality Division. The industrial wastes to be injected consist of cooling tower and medium pressure steam blowdown waters, and infrequent amine filter and heat exchanger backwash waters, and other plant wastes (SIC 13). The permittee is specifically authorized to inject the following described types of waste:
  - a. Oilfield produced waters (SIC 13) from any formation within the Beaver Creek Unit or any other unit within 35 miles of these injection wells.
  - b. Non-hazardous industrial wastes from the Beaver Creek Gas Processing Plant may be injected in any volume up to the total injection volume shown in this section.
  - c. Industrial wastes from other sites may be allowed to be injected provided it can be shown that these wastes are non-hazardous. For any waste to be injected under this paragraph, Water Quality Division approval must be obtained prior to injection. At a minimum, wastes to be injected under this paragraph shall be analyzed for EP Toxicity, EP Ignitability, and EP corrosivity. Other tests, including but not limited to EP Reactivity, may be required depending on the nature of the waste proposed for injection. Listed wastes under Chapter 2, Section 1(c), Wyoming Hazardous Waste Rules and Regulations will not be accepted regardless of their ability to pass the above tests. This well does not meet the construction standards for hazardous waste injection wells as defined in Chapter XIII, Section 11(d).
  - d. Nothing in any of the above paragraphs is intended to preclude the operator from doing controlled acidizing jobs as may be required on this well from time to time. The permittee need not obtain advance approval to do an acidizing job, but shall report this event on the quarterly report covering that period of time.
2. These wells shall be operated at a maximum injection pressure of 1,100 psig as measured at the surface. Exceedance of this pressure is a direct violation of this permit and is considered to be a "noncompliance which may endanger health or the environment" and shall be reported as shown in section K(7) of this permit.
3. The maximum injection rate shall not exceed 2,000 barrels per day (84,000 gallons per day) as a total of both wells. The maximum injection rate in either well separately is 1,400 barrels per day (58,800 gallons per day). Exceedance of this volume is a direct violation of this permit and shall be reported as shown in section K(7) of this permit. For purposes of this permit, exceedance of this volume limitation shall be considered to be a "noncompliance which may endanger health or the environment" under section K(7).
4. The permittee shall apply a pressure of more than 200 psig and less than 800 psig to the annulus of these wells and hold this pressure continuously during the life of this permit. The annulus' shall be equipped with high/low pressure kill switches that will automatically shut in the affected well if the annulus pressure increases above a set point or if the annulus pressure decreases to below a set point. The set points selected shall be approved by the Water Quality Division prior to final selection, and may be changed under this permit if conditions in the well change. Any automatic shutdown of the well under this paragraph is considered a reportable event under section K(7) of this permit.
5. The permittee has installed several continuous recording devices to record the injection pressure and volume and the annulus pressure. For each parameter recorded, at least one of these recording devices

is required to remain in service and operable during the life of this permit. If it becomes necessary to remove one or more of these devices for service, this data must be recorded by an alternate means approved in advance by the Water Quality Division.

6. The permittee has conducted a step injection test to determine the actual fracture pressure of the formation. The permittee may conduct additional step injection tests at a later time to determine changes in the fracture pressure as the injection continues. After acceptance by the Administrator of these tests, the permittee shall limit the injection pressure to 90% of the new fracture pressure as measured on the surface.

## **E. Hazardous Waste**

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

## **F. Proper Operation and Maintenance**

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit.

The permittee shall operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes mechanical integrity of the well, effective performance, adequate funding and operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of permit.

The injection well(s) covered by this permit shall meet all construction requirements outlined in Chapter XIII, Section 11 of the Wyoming Water Quality Rules and Regulations for non-hazardous injection wells.

The permittee is required to conduct the operation in accordance with statements, representations, and procedures presented in the complete permit application and supporting documents, as accepted and approved by the Administrator.

Any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued.

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

## **G. Entry and Inspection**

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

# 1. Environmental Monitoring Program for Groundwaters of the State

1. The permittee shall furnish any information necessary to establish a monitoring program pursuant to Section 13 of Chapter XIII.
2. The permittee shall monitor and report the results according to the following table:

**TABLE 1: GROUNDWATER MONITORING REQUIRED**

WELL NAME NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL)*
Amoco Beaver Creek Water Supply Well #118 (State Engineer Permit UW 51107)	Annually	Method 376.1 (Titrimetric, Iodine)	Hydrogen Sulfide	0.050
		Method 150.1 (Electrometric)	pH	must be > 6.5
			pH	must be < 9.0
		Method 413.1 (Gravimetric, Separatory Funnel Extraction) followed by Method 413.2 (Spectrophotometric, Infrared)	Oil and Grease	Virtually Free
		EPA Method 624 (Gas Chromatograph - Mass Spectrograph)	Benzene	0.005
			Ethyl benzene	0.700
			Toluene	1.000

\*All chemical parameters listed in this permit are expressed in mg/l unless otherwise shown. pH is always expressed in standard units.

3. The above Upper Control Limit (UCL) is not to be exceeded in any sample. Exceedance of this value is a violation of this permit and shall require corrective action. In the event that any of the above permit limits are exceeded during operation of the injection well, Amoco shall immediately analyze the Beaver Creek Water Supply Well #118 for Diethanol Amine, Ethylene Glycol, and Triethylene Glycol using EPA Method 8000. These results shall be reported within 60 days of Amoco becoming aware of the violation.

## I. Requirements for Monitoring the Discharge

1. Injection pressure and volume, as well as annulus pressure shall be monitored continuously. The well shall be equipped with a recording pressure chart on the injection pressure at the wellhead and an recording flow meter on the injection volume. The well shall be equipped with a pressure kill switch set to shut in the well prior to exceedance of the injection pressure limitation. The well shall also be equipped with a continuous recorder hooked to the casing/tubing annulus pressure and a high-low pressure kill switch on the annulus.
2. The permittee shall shut one of the two wells covered by this permit in annually for a period of time long enough to observe a valid pressure falloff curve. The well tested shall be the other of the two wells from the one tested in the previous year. This test shall be considered complete when the pressure curve becomes asymptotic to a straight line on the Miller-Dyes-Hutchinson (MDH) plot. The permittee shall prepare a report for each falloff curve conducted including a MDH Plot and calculations

of the skin effect, the indicated transmissivity and permeability of the receiver, and the indicated reservoir pressure. This report shall include plots of the data and all calculations based on those plots. The above pressure falloff curve shall be recorded no later than December 1 of each year.

- The permittee shall monitor the quality of the injected water on the following schedule. The following parameters shall be analyzed by the listed methods and reported quarterly:

**TABLE 2: EFFLUENT MONITORING REQUIRED**

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL)*
Quarterly	Method 150.1 (Electrometric)	pH	must be > 2.0
		pH	must be < 11.0
	Method 376.1 (Titrimetric, Iodine)	Hydrogen Sulfide	No Limit
	Method 413.1 (Gravimetric, Separatory Funnel Extraction) followed by Method 413.2 (Spectrophotometric, Infrared)	Oil and Grease	No Limit
	EPA Method 624 (Gas Chromatograph - Mass Spectrograph)	Benzene	80.0
		Ethyl benzene	80.0
		Toluene	No Limit

\*All chemical parameters listed in this permit are expressed in mg/l unless otherwise shown. pH always expressed in standard units.

- The above Upper Control Limit (UCL) is not to be exceeded in any sample. Exceedance of this value is a violation of this permit and shall require corrective action.

## J. Test Procedures

- All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples taken shall include a trip blank of distilled water for each sampling date and a duplicate sample at least once per year.
- The permittee shall use the EPA approved methods shown in Sections H and I for analyses required under this permit and shall not change methods without prior Water Quality Division approval. A detailed listing and description of these methods is found in modification application 89-285 received on March 3, 1990 by the Water Quality Division.
- All required analyses shall be conducted in compliance with Chapter VIII Section 7, Wyoming Water Quality Rules and Regulations.

## K. Records and Reports

- The permittee shall furnish to the Administrator, within a specified time, any information which the Administrator may request relating to the operation of the facility, including copies of records required to be kept by this permit.

The permittee shall retain copies of all records and reports required by this permit, for a period of three (3) years following permanent well abandonment. After that time, those same records shall be delivered to the Administrator for disposal or archive at his sole discretion.

Reports of compliance or noncompliance with, and any progress reports on, interim and final requirements contained in any compliance schedule shall be submitted no later than thirty (30) days following each schedule date.

4. The permittee shall give notice to the Administrator as soon as possible of any planned physical alterations or additions to the permitted facility, whether or not those changes will result in noncompliance with permit requirements. In the case where changes will result in permit non-compliance this notice shall be in the form of an application for a modified permit. Application for a modified permit does not stay any permit condition.
5. Monitoring results shall be reported at intervals specified in Section H and I of this permit.
6. Confirmed noncompliance resulting in potential migration of injected fluid into any zone outside the permitted receiver shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written submission shall contain: a description of the noncompliance; the period of noncompliance, including exact dates and times, and if the noncompliance has not been controlled, the anticipated time it is expected to continue; and a list of the steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance.
7. Confirmed noncompliance not already reported under this section shall be reported at the time monitoring reports are submitted. The reports shall contain the same information as required by the paragraph above.
8. The permittee shall notify the Administrator thirty (30) days in advance of any planned alteration, conversion or abandonment of the well(s) covered by this permit.
9. A quarterly report is required to be received in the Cheyenne Office of the Water Quality Division within 30 days of the end of each calendar quarter. (Quarterly reports are due on or before 5:00 P.M. on January 30, April 30, July 30, and October 30 of each year.) These reports shall contain:
  - a. The maximum and minimum daily injection pressure (not an average pressure but an instantaneous pressure) and the maximum and minimum daily injection volume for each month in the quarter, and the dates that these maximums and minimums were reached. The accumulated total volume of waste injected for each month and the accumulated total volume injected to date for each well separately. The page showing the maximum injection rate shall also show the maximum permitted injection rate and the maximum permitted injection pressure for comparison.
  - b. The average injection pressure for each month calculated by averaging the maximum pressures for each day.
  - c. The maximum and minimum daily annulus pressure for each month of the quarter for each well separately.
  - d. A complete listing of all wastes disposed of that originated at any other location whether owned by Amoco or not. All EPA waste characterization analyses as detailed in section D(1)(c) of this permit are required to be reported prior to disposal. They are not required to be repeated in the quarterly report unless they were not previously reported.

- e. Any non-compliance, MIT, or significant event during the quarter. This includes, but is not limited to, the results on any Mechanical Integrity Tests, Pressure Falloff Tests, Step Injection Tests, or any well workovers.
  - f. If quarterly reports should show a record of being submitted late the Administrator may substitute more stringent monthly reporting requirements.
  - g. The analytical results for sampling for the injected water and any groundwater sampling results required under Section H and I.
  - h. Quarterly reports are due in the Cheyenne office of the Water Quality Division no later than 30 days after the end of each calendar quarter.
10. The annual report shall be submitted at the time when the fourth quarterly report is due (January 30 of each year) and shall consist of the fourth quarterly report and the following additional information:
- a. A graphical representation of the injection pressure and volume for over time for the previous five year's operation. These graphs shall have the dates of the year on the abscissa and the pressure and volume as the ordinate and shall not be graphed using logarithmic scales.
  - b. The parameters shown in Table 2 (found under section I of this permit) for monitoring shall be graphed over time. These graphs shall show the injected quality for the previous five year's operation and shall be prepared on appropriate scales to show the variation. These graphs shall have the dates of the year on the abscissa and shall not use logarithmic scales.
  - c. For any well required to be monitored as shown in Table 1 (found under Section H of this permit), a graphical representation is required for the concentration of each monitor parameter over time. These graphs shall have the dates of the year on the abscissa and shall not use logarithmic scales.
  - d. Only those parameters required by this current permit are required to be graphed. Parameters required under previous permits are not required to be graphed if this current permit does not require further monitoring.
  - e. Monitoring results shall be reported in the annual reports unless otherwise specified.

## **L. Permit Actions**

- 1. This permit is issued for a period of ten (10) years. If the permittee wishes to continue injection after the expiration date of this permit, he shall apply to the Administrator and obtain a new permit prior to the expiration date of this permit.
- 2. It shall not be a defense for a permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- 3. The filing of a request by the permittee, or at the instigation of the Administrator, for permit modification, revocation, termination, or notification of planned changes or anticipated noncompliance shall not stay any condition of this permit.
- 4. After notice and opportunity for a hearing, a permit may be modified, suspended or revoked in whole or part during its term for cause which includes, but is not limited to, any of the following:
  - a. Violation of this permit;

- b. Obtaining a permit by misrepresentation of facts in the application; or
- c. Failure of the casing, cement, or the confining layer.

This permit will be reviewed at least once every five (5) years, and may be reviewed more frequently. A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit was issued. A permit may be modified in whole or part in order to apply more or less stringent standards; or prohibitions for toxic or other substance present in the permittee's discharge, as may be ordered by the council.

## **M. Mechanical Integrity**

1. Mechanical Integrity shall be maintained continuously and reviewed at least once every five (5) years. The test used to determine mechanical integrity shall be a two part test approved by the Administrator.
  - a. Part I of the Mechanical Integrity test shall demonstrate the absence of leaks through the packer, tubing, casing, and wellhead. The absence of leaks will be determined by holding 500 psi on the annulus for 15 minutes.
  - b. Part II of the Mechanical Integrity test shall demonstrate the absence of fluid movement behind the casing. The absence of fluid movement through vertical channels behind the casing shall be determined by running a radioactive tracer log and a temperature log. These two logs together are often referred to as an injection profile log. The permittee shall use these specified logs to determine absence of fluid movement or an alternative method. Any alternative method must be approved by the Water Quality Division prior to being run.
  - c. As of the date of this writing, the last radioactive tracer log and temperature log and annulus pressure test was conducted on Well #48 in December 22, 1994. For purposes of compliance with this section, the next test is due no later than five years from that date.
  - d. As of the date of this writing, the last radioactive tracer log and temperature log and annulus pressure test was conducted on Well #83 in June 29, 1994. For purposes of compliance with this section, the next test is due no later than five years from that date.
2. Well number 48 is equipped with a Baker Loc-Set packer set between 3,350 feet and 3,450 feet. Well number 83 is equipped with a Johnson 101-S Tension Packer set between 3,450 feet and 3,600 feet. These packers shall always be set within these intervals after any workover of the well. It is not the intent of this section to prevent the replacement of these packers with new packers as the need arises. New packers need not necessarily be of the same make and type.
3. The Beaver Creek Injection Well #48 was originally drilled to 3,700 feet and later plugged back to 3,593 feet. It is completed with 232 feet of 10-3/4" 32.75# H-40 surface casing and 3,700 feet of 7" 30# J-55 casing with 8 round threads. This well is completed with 3,455 feet of 2-7/8" EUE 8 round J-55 tubing. The well is perforated from 3,537 to 3,580 feet using 4 jets per foot. A cement bond log was run November 14, 1994.
4. The Beaver Creek Injection Well #83 was originally drilled to a depth of 3,825 and plugged back to 3,813 feet. It is completed with 279 feet of 8-5/8" 24# surface casing cemented with 280 sacks of regular cement with 2% Calcium Chloride and 1/4#/sack floeal. Following the drilling to total depth, the well was completed with 3,813 feet of 5-1/2" 14# casing cemented with 350 sacks 50-50 pozmix with 2% gel, 1% TIC, and 10% salt.

5. Inasmuch as the 7" long string casing in Well #48 is not cemented above 1,500 feet, any water seal opposite the uncemented portion of the casing shall be protected in the event of a significant casing leak or vertical movement of fluid along the casing. Protection shall be provided by isolating the water sand(s) by cementing through perforations (squeeze cementing) or by some other method acceptable to and approved by the Administrator.
6. The operation (discharge) of any well or system will terminate immediately if mechanical integrity of the well or system fails and/or a leak or unauthorized fluid movement occurs. The discharge shall be discontinued until mechanical integrity has been restored and permission to continue the discharge has been obtained from the administrator.
7. Wells which have not demonstrated both parts of the required Mechanical Integrity test shown on the above schedules, shall be shut in until the Mechanical Integrity has been restored and the required tests have been passed.

## **N. Abandonment**

1. The permittee shall notify the administrator at least 180 days before well abandonment. Immediately following the permanent cessation of subsurface discharge or related activity, or where a well has not been completed, the applicant/permittee shall notify the director and follow the procedures prescribed by the director for plugging and abandonment or the discontinuance of related activities:
2. The approved abandonment procedure for both of the Beaver Creek Injection Wells is as follows: The first requirement is to squeeze 100 sacks of class G cement through the perforations using a cement retainer placed within 200 feet of the top perforation. If the abandonment is required because of a failed mechanical integrity test, any holes detected in the casing shall also be squeezed off with class G cement. Due to the age of the casing in this well, the casing shall then be filled with cement up the base of the surface casing.
3. The surface casing shall be filled with cement and a standard dry hole marker shall be erected over the abandoned well. The surface casing shall be blind flanged and the dry hole marker shall be welded to this flange.
4. Water Quality Division abandonment requirements will be coordinated with requirements of the Wyoming Oil and Gas Conservation Commission (WOGCC). In no case shall the required abandonment procedure be less than that required by WOGCC for oil wells in the Beaver Creek Field at the time of abandonment.
5. Within thirty (30) days after plugging and abandonment of the well(s) covered by this permit, the permittee shall submit a plugging and abandonment report, detailing the compliance with abandonment procedures outlined above, and describing any deviation from the original plan. The abandonment plan shall include reclamation of the well location.

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

1. The permittee shall give advance notice to the Administrator as soon as possible of any planned physical alteration or additions, other than authorized operation and maintenance, to the permitted facility and receive authorization prior to implementing the proposed alteration or addition.
2. The permittee shall furnish to the Administrator within a reasonable time, any information which Administrator may request to determine whether cause exists for modifying, revoking, reissuing, ..

terminating this permit, or to determine compliance with this permit; and to furnish to the Administrator upon request, copies of records required to be kept by this permit.

Any modification that will result in a violation of any permit conditions shall be reported to the administrator through the submission of a new or amended permit application.

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

## **P. Financial Responsibility**

1. The permittee has demonstrated financial responsibility as required by Chapter XIII of Wyoming Rules and Regulations in the form of a financial test demonstrating sufficient resources to plug and abandon the non-hazardous waste injection well(s) covered by this permit. Amoco Oil Company has submitted the required proof of financial responsibility in the form of three years annual reports for the corporation showing that it has sufficient resources to plug and abandon this well.

## **Q. Special Conditions**

1. In addition to the conditions required of all permits, the administrator has established conditions as required for monitoring, schedules of compliance, and such additional conditions as are necessary to prevent the migration of fluids into underground sources of drinking water. These conditions are established in conformance with Chapter XIII, Section 9(e).
2. The permittee shall erect a sign in the building housing the injection plant notifying employees of certain key permit requirements. This sign shall have the following wording:

**"THIS INJECTION PLANT IS COVERED UNDER AN UNDERGROUND INJECTION CONTROL PERMIT ISSUED BY THE WATER QUALITY DIVISION OF THE WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY. IF INJECTION PRESSURE EXCEEDS 1100 PSIG, OR IF THE INJECTED VOLUME EXCEEDS 1400 BPD IN EITHER WELL SEPARATELY, OR IF THE ANNULUS PRESSURE SHUT IN DEVICE IS TRIGGERED, NOTIFY THE PLANT MANAGER IMMEDIATELY. THESE ARE REPORTABLE EVENTS AND SHOULD ALSO BE REPORTED TO DEQ/WQD AT 777-7095"**

The lettering on this sign shall be a minimum 1" high and the sign itself shall be constructed in a professional manner on steel or fiberglass sheet.

## **R. Signatories Requirement**

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

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

significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

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

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

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

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

or

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

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

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

## **S. Noncompliance**

1. The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of Chapter XIII of the Wyoming Water Quality Rules and Regulations and is grounds for enforcement action, permit termination, revocation, or modification. Conformed noncompliance resulting in an excursion shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written report shall contain the sections specified in Section K of this permit. Any permit non-compliance constitutes a violation of this permit.
2. The filing of any request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

## **T. Permit Transfer**

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

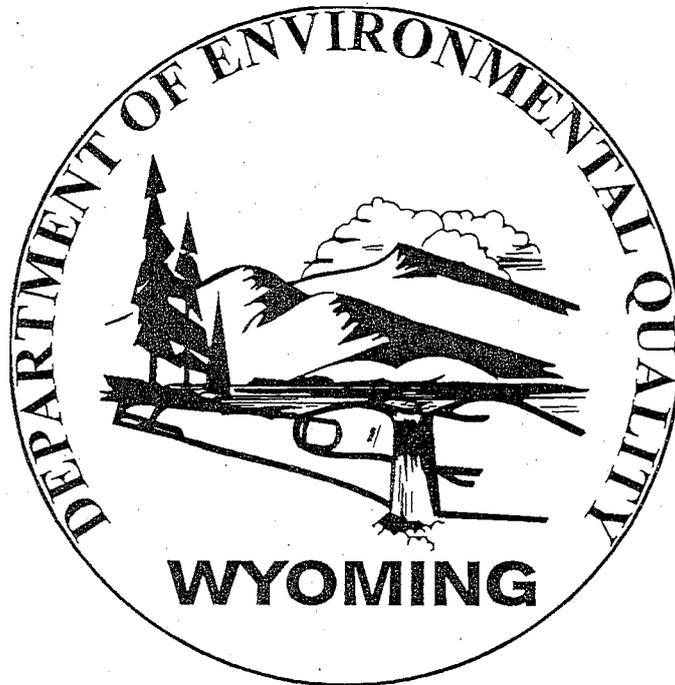
## **U. Property Rights**

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

## **V. Severability**

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

RL/bb/64819.ltr





JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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January 2, 1997

Herman Noe  
Cheyenne Board of Public Utilities  
2406 Snyder Ave.  
Cheyenne, WY 82001

RE: Permit Reporting Requirements for Permit Number - 96-529

Dear Mr. Noe:

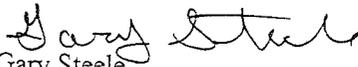
Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

Please read the permit conditions carefully and follow through as required. Finally, bear in mind that the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

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

Sincerely,

  
Gary Steele  
Southeast District Engineer  
Water Quality Division

GLS:ks  
70007.ltr

Enclosure: Permit Referenced Above

cc: Lawrence R. Gallagher, States West Water Res., 1904 E. 15th, Cheyenne, WY 82001

## PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-529  
SPECIAL CONDITIONS  
REF/PERMIT #

Cheyenne Greenway Phase Vb (Relocate 24 inch water main)

This permit hereby authorizes the applicant:

City of Cheyenne Board of Public Utilities  
2406 Snyder Ave.  
Cheyenne, WY 82001

to construct a relocation of the existing 24 inch water main according to the procedures and conditions of the application number 96-529. The facility is located in NE 1/4 Section 28, T14N, R16W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

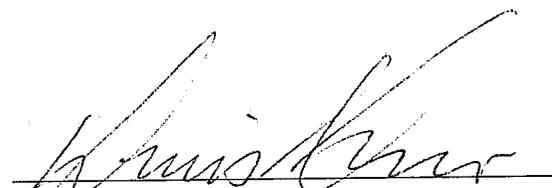
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

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

GLS:ks  
70000.ltr

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-529
- 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.)
- 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.

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

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Gary Steele, Southeast District Engineer, and completed on January 1, 1997. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

## PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-530  
SPECIAL CONDITIONS  
REF/PERMIT #

### City of Casper Wimborne and Chestnut Streets Waterline Improvements

This permit hereby authorizes the applicant:

City of Casper  
ATTN: Hal Hutchinson  
200 North David  
Casper, WY 82601

to construct, install or modify a water distribution system according to the procedures and conditions of the application number 96-530. The facility is located in the SW/4 of the NW/4, Section 9, Township 33 North, Range 79 West in the county of Natrona County, in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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

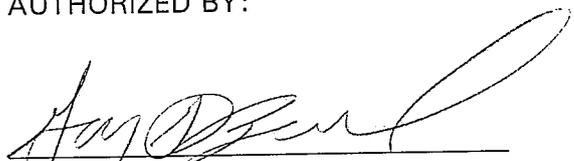
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

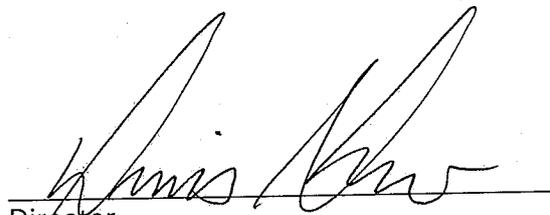
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4. The applicant will provide immediate oral and/or written notice to the Northeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

3-6-97  
Date of Issuance

BDM/pr/ks  
70798.ltr

cc: William Johnston, P.E., Partner's Engineering, P.O. Box 941, Casper, WY 82602

## STATEMENT OF BASIS

I. General information.

A. Permit Number: 96-530

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

A. Chapter XI. No

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

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

Not Applicable (N/A)

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

N/A

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

N/A

- VII. Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Brian D. Mark, Senior Environmental Analyst, and completed on February 28, 1997. 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.

## PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-531R  
SPECIAL CONDITIONS

### Hart Septic Tank/Disposal Field

This permit hereby authorizes the applicant:

David and Cathi Hart  
1225 Canyon Hill Road #22  
Thermopolis, WY 82443

to construct septic tank with effluent pump and an elevated leach bed according to the procedures and conditions of the application number 96-531R. The facility is located in Section 24, T43N, R95W in the county of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of two years (2) 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: Jeff Hermansky, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

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

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

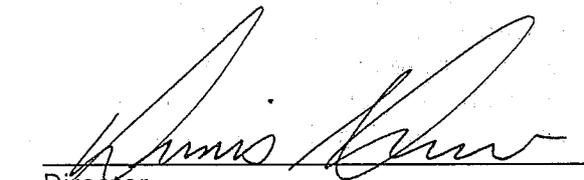
This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

1. of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

1-23-97  
\_\_\_\_\_  
Date of Issuance

JH/jyi/mad 70299.LTR

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 96-531R

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

No

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

Yes The pumping chamber volumes don't meet standard but are allowed since pump will only turn on three to nine times per day.

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

No

### IV. Documentation of Statement of Basis.

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

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on January 17, 1997. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

THE STATE



OF WYOMING



**JIM GERINGER**  
GOVERNOR

## Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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January 6, 1997

Mr. Carl Oksanen  
P. O. Box 1537  
Jackson, WY 83001

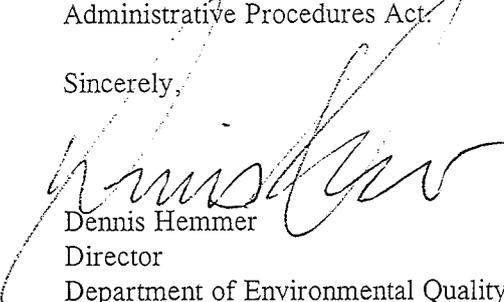
RE: As-Built Permit to Construct, WQD Reference Number 96-532

Dear Mr. Oksanen:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced as-built application submitted by your engineer, Gerald Edwards of Nelson Engineering. Our review indicates that the application appears 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 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/bb/70054.ltr

Enclosure

xc: Plans (3)  
File (2)

AS-BUILT  
PERMIT TO CONSTRUCT

- New  
- Renewal  
X Modified

PERMIT NO. 96-532  
SPECIAL CONDITIONS  
REF/PERMIT #92-013

Good Samaritan Mission - Fire Sprinkler Supply Line

This permit hereby authorizes the applicant:

Carl Oksanen  
P. O. Box 1537  
Jackson, WY 83001

to have constructed, a 4 inch diameter ductile iron water main and a double check backflow preventer according to the procedures and conditions of the application number 96-532. The facility is located in NW1/4 Sec. 34, T41N, R116W in the county of Teton, 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, 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.

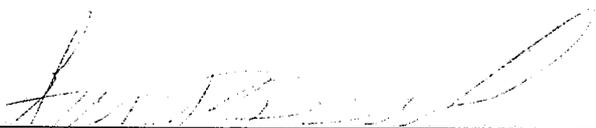
The permittee shall allow authorized representatives from the DEQ, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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: Jeff Hermansky, Northwest District Engineer, 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.

AUTHORIZED BY:

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

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

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

JH/jm  
b/70054.ltr  
cc: Laura Yokel, Town of Jackson

## STATEMENT OF BASIS

1. Permit Number: 96-532
  2. Application reviewed for compliance with the following regulations. (Check all applicable sections)
    - a. Chapter XI. No
    - b. Chapter XII. Yes
  3. Basis for issuing permit. (check appropriate section)
    - a. Application package in compliance with applicable regulations identified in Section II. Yes
    - b. Permit issued includes deviation from applicable regulations in accordance with Section 5, Chapter XI or XII. No
    - c. Permit includes deviation from applicable regulations in accordance with approved policy statement. No
  4. Facilities not specifically covered by regulations or policy statement.  
N/A
  5. 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 Section 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 December 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."

JH/bb/70054.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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January 3, 1997

Mr. Vern Tanner (Mayor)  
Town of Guernsey  
P.O. Box 667  
Guernsey, WY 82214

RE: Permit Reporting Requirements for Permit Number - 96-533

Dear Mr. Tanner:

Included with this letter you will find your approved "Permit to Construct". This permit includes conditions which require you, the recipient of the permit, to submit follow-up information and/or reports concerning the implementation of this permit. **Standard reporting requirements** include the following:

1. Estimated Construction Schedule Post Card (Condition 1)
2. Notify the WQD of any changes (Condition 2)
3. Submission of CERTIFICATION OF COMPLETION form within 60 days of completion of the project, along with as-constructed plans if changes were made in accordance with condition 2 of the permit (Condition 3)

Please read the permit conditions carefully and follow through as required. Finally, bear in mind that the submittal of these items are requirements of the permit and must be adhered to and properly completed in order for you to be in compliance with the terms and conditions of your permit.

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

Sincerely,

Gary Steele  
Southeast District Engineer  
Water Quality Division

GLS:ks 70040.ltr

Enclosure: Permit Referenced Above

## PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 96-533  
SPECIAL CONDITIONS  
REF/PERMIT #

### Guernsey Cemetery Waterline

This permit hereby authorizes the applicant:

Town of Guernsey  
P.O. Box 667  
Guernsey, WY 82214

to construct an extension to the publicly owned distribution system to service a cemetery according to the procedures and conditions of the application number 96-533. The facility is located in SE 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, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

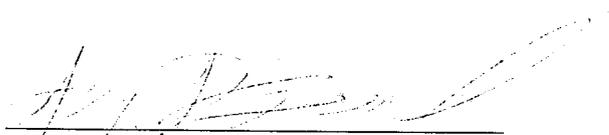
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

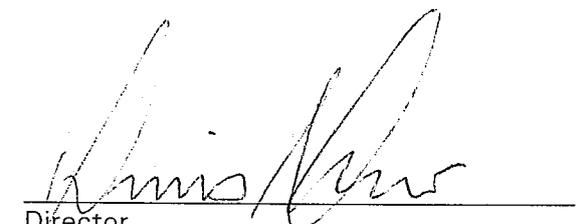
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

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

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 96-533

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.)

N/A

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

N/A

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

N/A

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

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Gary Steele, Southeast District Engineer, and completed on January 3, 1997. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC



THE STATE OF WYOMING



JIM GERINGER  
GOVERNOR

## Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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September 2, 1997

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

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

Dear Mr Fischer:

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

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

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

Mr. Fischer  
September 2, 1997  
Page 2

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

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

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

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

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

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

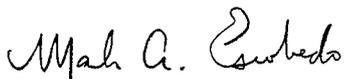
Mr. Fischer  
September 2, 1997  
Page 3

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

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

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

Sincerely,



Mark A. Escobedo  
Program Principal  
Water Quality Division

MAE/bb/72732.ltr

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



THE STATE OF WYOMING

96-534



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 15, 1997

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

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

Dear Mr Bressler:

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

1. The Special Conditions and Schedule to be incorporated in, and made part of the Permit to Construct, which must be met prior to Initiation of Operations will include:
  - a. the EPA 503 land application permit must be obtained: July 31, 1997,
  - b. the WDEQ land application permit must be obtained: August 31, 1997,
  - c. The comprehensive biosolids management plan must be submitted: August 31, 1997,
  - d. the Final Operation and Maintenance Manual must be submitted: October 31, 1997, and
  - e. the biosolids disposal facility construction must be completed: December 31, 1997.

2. The City of Laramie shall be responsible for taking the necessary steps to insure that the existing facility is properly abandoned and reclaimed. The plans for reclamation of the abandoned facility must comply with all Federal, State and Local regulations. At a minimum, WDEQ/WQD shall require the following whenever a wastewater treatment facility is abandoned:
  - a. Lagoon ponds shall be drained to facilitate the drying of the remaining biosolids,
  - b. Dried biosolids shall be properly disposed of in accordance with all pertinent Federal and State regulations and statutes,
  - c. Obvious health problems or hazardous conditions shall be eliminated, and
  - d. Conditions which would cause future environmental problems shall be corrected.
  
3. The specifics for ground-water monitoring are contained in Water Quality Rules and Regulations, Chapter III, Section 15. It is the applicants responsibility to document that a facility capable of causing or contributing to pollution poses no threat of discharge to ground-water. Should ground-water monitoring be required, a ground-water monitoring program should be developed by the applicant for a permit to construct. The extent and design of a monitoring system, if required, will be influenced by the pollution potential of the proposed land application of biosolids. The distance required for a buffer zone for the existing stock well will also be influenced by the pollution potential of the biosolids application. A copy of Chapter III, Section 15 is attached for your information.

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

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

We are sending the approved plans and specifications for the referenced project which must be kept available at all times so

May 15, 1997  
Page 3

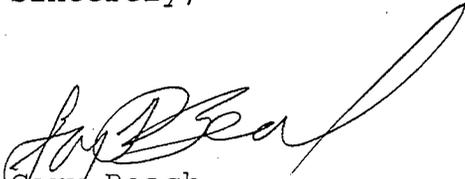
that personnel from this office may have access to them during inspection activities.

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

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

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

Sincerely,



Gary Beach  
Administrator  
Water Quality Division

GB/MAE/mad 71660.LTR  
Enclosure

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

## PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-534  
SPECIAL CONDITIONS  
REF/PERMIT NO. 96-017

### City of Laramie Wastewater Treatment Facility

This permit hereby authorizes the applicant:

City of Laramie  
406 Ivinson Street  
Laramie, Wyoming 82070

to construct, install or modify City of Laramie Wastewater Treatment Biosolids Facility according to the procedures and conditions of the application number 96-534 and 96-017. The facility is located in Section 20, SE and SW 1/4 Section: T16N, R73W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

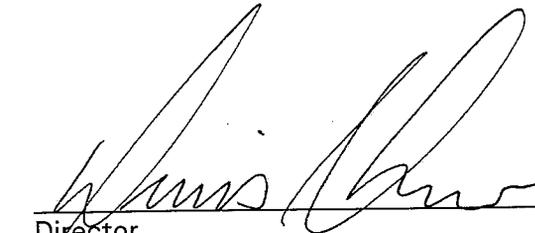
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 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 Special Conditions and Schedule to be incorporated in, and made part of the Permit to Construct, which must be met prior to Initiation of Operations will include:
  - a. The EPA 503 land application permit must be obtained: July 31, 1997,
  - b. The WDEQ land application permit must be obtained: August 31, 1997,
  - c. The comprehensive Biosolids Management Plan must be submitted: August 31, 1997,
  - d. The Final Operation and Maintenance Manual must be submitted: October 31, 1997, and
  - e. The biosolids disposal facility construction must be completed: December 31, 1997.
- 6 of 6 The City of Laramie shall be responsible for taking the necessary steps to insure that the existing facility is properly abandoned and reclaimed. The plans for reclamation of the abandoned facility must comply with all Federal, State and Local regulations. At a minimum, WDEQ/WQD shall require the following whenever a wastewater treatment facility is abandoned:
  - a. Lagoon ponds shall be drained to facilitate the drying of the remaining biosolids,

- b. Dried biosolids shall be properly disposed of in accordance with all pertinent Federal and State regulations and statutes,
- c. Obvious health problems or hazardous conditions shall be eliminated, and
- d. Conditions which would cause future environmental problems shall be corrected.

AUTHORIZED BY:

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

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

5-16-97  
Date of Issuance

MAE/mad 71659.LTR

c: Burns & McDonnell, 7400 East Caley Avenue, Englewood, CO 80111

## STATEMENT OF BASIS

General information.

A. Permit Number: 96-017

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

A. Chapter XI. yes

B. Chapter XII. yes

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

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

yes

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

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.

NA

B. Briefly state the basis for the deviation.

NA

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

NA

- 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.)

NA

- VI. Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Mark Escobedo, Program Principal, and completed on May 15, 1997. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

---

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

# PERMIT TO CONSTRUCT

New  
Renewal  
Modified

PERMIT NO. 96-535  
SPECIAL CONDITIONS  
REF/PERMIT #

## EXPRESS PIPELINE STATEWIDE ANODE

This permit hereby authorizes the applicant:

Express Pipeline Partnership  
Unit 350, Werner Court  
Casper, WY 82601

to construct, install or modify deep bed anode system according to the procedures and conditions of the application number 96-535. The facility is located in statewide, in the State of Wyoming. This permit shall be effective for a period of five years from the date of issuance of this permit.

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

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

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

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

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

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

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

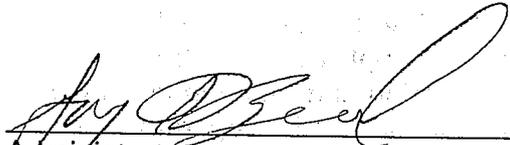
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit.

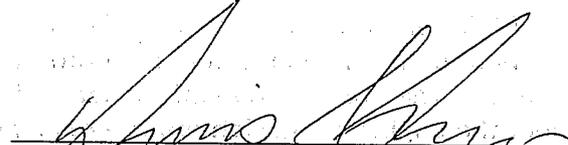
This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

- 1 of 3. Within 45 days after the anodes are installed, as-built construction plans shall be submitted to the DEQ/WQD, detailing how groundwater was protected during installation.
- 2 of 3. If it becomes necessary to wet any anode installed under this permit, only water from an approved public water supply shall be used unless DEQ/WQD is first supplied with an analyses of the water for approval. Waters that originate in sources other than an approved public water supply shall not be used unless first approved.
- 3 of 3. An unlimited number of similar anodes may be installed under this permit. This authorization applies to Express Pipeline Partnership and all subsidiary companies operating in Wyoming.

AUTHORIZED BY:

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

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

1-3-97

Date of Issuance

RFL:ks  
64851.ltr

cc: Larry Baccari, Baccari and Associates, 319 West Dow, P.O. Box 6208, Sheridan, WY 82801

51865.doc

## STATEMENT OF BASIS

- I. Permit Number: 96-535
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.  
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.  
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.  
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. This permit covers deep groundbed anodes statewide. It has been reviewed for general conformance with regulations found in Chapter XI, Part G covering construction of wells. There are no specific regulations covering deep groundbed anodes.
- V. Applicant Participation. The applicant has been provided with a draft permit for review prior to this permit being issued.

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Robert F. Lucht, P.E. and P.G., UIC Program Supervisor and completed on December 30, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



**Coastal**  
The Energy People

March 20, 1997

Gary Steele  
Department of Environmental Quality  
Water Quality  
Herschler Building  
122 West 25th Street  
Cheyenne, WY 82002

**Certified Mail - Return Receipt Requested**

**Subject: Permit Application for Evaporation Pond at Laramie Compressor Station  
Water Quality Division Reference Number: 96-536**

Dear Mr. Steele:

This letter is in response to your review and denial of the application to modify the evaporation pond at Colorado Interstate Gas Company's (CIG) Laramie Compressor Station dated February 26, 1997.

CIG would like to withdraw this application for a permit. CIG plans to close the evaporation pond and install an aboveground tank to store the wastewater that will then be transported to an approved wastewater facility for disposal. CIG will apply for all the necessary permits required for installation of this proposed tank.

If you have any questions or require additional information, please call me at (719) 520-4487.

Sincerely,

Dawn R. Diedrich  
Environmental Engineer  
Environmental Services

cc: L.M. Burns - Engineering  
R. A. Harder - Laramie  
Route: J.P. Easton, R.J. Ludeman, File: WY - Laramie - Water - Waste

C:\PROJECT\WY\LARAMIE\DEQ320.LTR

**RECEIVED**

**MAR 24 1997**

**WATER QUALITY DIVISION  
WYOMING**

**Colorado Interstate Gas Company**

A SUBSIDIARY OF THE COASTAL CORPORATION  
P O BOX 1087 • COLORADO SPRINGS CO 80944 • 719/473-2300



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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November 4, 1997

Dawn Diedrich  
Colorado Interstate Gas Company  
P.O. Box 1087  
Colorado Springs CO 80944

Subject: Return of Permit Application 96-536

Dear Dawn:

Thank you for your fax of October 27, 1997. My apologies for our having lost track of the letter that you mailed March 20, 1997. The letter arrived during the transition period between Gary Steele and myself.

In accordance with your request of March 20, 1997, Permit 96-536 is returned without action (effectively it is withdrawn, as you requested.) Thank you for your cooperation in closing the evaporation pond.

Sincerely,

Louis B. Harmon PE  
SE District Engineering Supervisor  
Water Quality Division

LBH/mad 73391.LTR

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

**APPLICANT'S  
CONSULTANT:** David Weinert  
Panhandle Geotechnical & Environmental, Inc.  
818 South Beltline Highway East  
Scottsbluff, NE 69361

**WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER:** 96-537

**TITLE:** Report of a Groundwater Investigation and Sampling at the  
Panhandle COOP- Torrington Fertilizer Plant

PROPOSAL     PLANS     REPORTS     LETTERS

**DATE ON PROPOSAL/PLANS/LETTERS:** February 6, 1998

**IS THIS PROPOSAL SUBMITTED PURSUANT TO:**

'CONDITIONS' TO ANY WDEQ/WQD PERMIT? NO  YES  #96-537

AN LOV, NOV OR OTHER ENFORCEMENT? NO  YES  1/17/95 LOV

**REVIEWER:** Phillip Stump, Program Principal

**DATE OF LAST REVIEW:** June 20, 1997

**DATE OF THIS REVIEW:** March 10, 1998

**ACTION:** WORKPLAN APPROVED

**I. SUMMARY OF EXISTING CONTAMINATION:**

The monthly nitrate samples from monitoring well (MW-49c) which lies downgradient from the COOP fertilizer facility increased significantly during the August and September 1994, 1995, 1996 sampling events. The levels didn't increase as much during the 1997 sampling events.

The soil borings detected residual soil contamination from spills and leaks in the liquid fertilizer transfer areas. The maximum ammonia (NH<sub>4</sub> as N) and nitrate (NO<sub>3</sub> as N) soil concentrations were 5800 mg/kg and 1500 mg/kg, respectively, in soil boring FMW-2. The concentrations decreased significantly at about 9 feet below ground and the

concentrations are near nondetectable at 19 feet below ground. The water table was encountered at 24 ft. below the ground surface. The water table elevation fluctuates about 3 to 4 ft. in elevation with the high groundwater elevation occurring between June and September each year.

The nitrate concentrations in monitoring well FMW-4 increased significantly during the Fall 1997 sampling events; therefore, a point source of nitrate contamination may be located upgradient of the well. Since the nitrate concentrations at FMW-4 increased in July and the concentrations in MW-49c increased in June; therefore, it doesn't appear that the contamination is from the same point source. Although, elevated total dissolved solids (i.e., above 1200 mg/l) were detected in both monitoring wells during the July 1997 sampling event. The water table potentiometric surface maps in June and October 1997 illustrate a southeasterly groundwater flow direction in contrast to the nitrate contaminant plume contour of June 1997 that illustrates a south-southeasterly flow direction (i.e., plume contours should be elongated parallel to the groundwater flow direction).

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

- A. From conversations with Mr. Dave Weinhert and Mr. Will Eitzman during the meeting in Cheyenne on January 23, 1998, pollution prevention structures (i.e., secondary containment, spill protection, etc.) are planned for the Torrington facility. If the pollution prevention structures are constructed in the near future, any required remedial action for the soil contamination (i.e., soil excavation, etc.) should be performed.
- B. WDEQ/WQD recommends obtaining maps of the sanitary and storm sewer piping along Hwy 26 in the vicinity of MW-49c and the proposed wells to evaluate whether leaks in the piping may be a source of the nitrate contamination.

## **III. REQUIREMENTS/REQUESTS/RECOMMENDATIONS:**

- A. According to WQD Permit No. 96-537 Condition No. 3 of 12, the installation of the new monitoring wells is authorized under the existing permit. The soil sampling data, borehole logs, and 'as-built' well construction diagrams shall be submitted within a final report.
- B. *As described workplan and during conversations with Mr. Dave Weinhert on March 6, 1998, monitoring wells FMW-2, FMW-4, FMW-5, FMW-6, FMW-8, MW49, MW49c need to be sampled in July, September, and November, 1998. The groundwater well samples should be analyzed for nitrate as N, and ammonia as N. During the initial sampling event, the MW-49c should also be sampled for total kjeldahl nitrogen (TKN) as N to determine the total organic nitrogen that is present. Water elevations need to be measured during each sampling event. Monitoring wells MW-49c, FMW-4, and FMW-8 will be analyzed for nitrogen isotopes to help determine the source of the nitrogen contamination (i.e., animal/human waste or chemical fertilizers). A final report of the sampling events will be submitted to WDEQ prior to December 30, 1998.*

**END OF REVIEW**



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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March 6, 1998

Mr. Will Eitzman  
Safety and Environmental Compliance  
Panhandle Cooperative Association  
P.O. Box 2188  
Scottsbluff, NE 69363-2188

RE: Nitrates in Groundwater and a Fertilizer Plant-Not Quite a Match;  
Report of a Groundwater Investigation and Sampling at the  
Panhandle COOP- Torrington Fertilizer Plant  
Panhandle Geotechnical & Environmental, Inc., February 6, 1998.

Dear Mr. Eitzman:

The Wyoming Department of Environmental Quality, Water Quality Division (WDEQ/WQD) has reviewed the referenced report and workplan. The soil borings detected high concentrations of nitrate and ammonium contamination in the liquid fertilizer transfer areas. Since the dissolved concentrations in the groundwater beneath the soil boring locations didn't detect the elevated levels during the fall 1997 sampling events as measured in downgradient monitoring well, MW-49c; the contamination doesn't appear to be leaching to the groundwater. As discussed during the meeting in Cheyenne with you on January 23, 1998, WQD approves the proposed installation of the three additional monitoring wells to help identify the source of contamination. WQD's 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 (307-777-5449).

Sincerely,

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

PBS/bb/80865.ltr

enclosures: Groundwater Pollution Control Review Form

cc: Kevin Frederick, Supervisor, GPC Program (w/ encl)  
Dave Weinhert, Panhandle Geotechnical & Environmental, Inc. (w/ encl)



**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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January 17, 1995

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

Re: Permit No. 96-537, Workplan  
Panhandle COOP Fertilizer Plant  
Torrington, WY

Dear Mr. Will Eitzman,

The Wyoming Department of Environmental Quality, Water Quality Division (WDEQ/WQD) has reviewed the referenced workplan. As discussed during my site visit with Mr. Gregg Kircher, Mr. David Weinhert, and you on January 15, 1997; the proposed workplan will help to evaluate whether the source of nitrate contamination is the liquid fertilizer rail car unloading and/or liquid fertilizer transfer areas. The enclosed Permit to Construct authorizes the installation of the monitoring wells. WQD's 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 (307-777-5449).

Sincerely,

*Phillip Stump*  
Phillip Stump  
East District Program Principal  
Water Quality Division

PBS/mad 70488.LTR

enclosures: Groundwater Pollution Control Review Form  
Chapter III Permit to Construct  
*WDEQ/WQD's Minimum Content Requirements for a Subsurface Investigation (SSI) Report of the Investigation (ROI)*

cc: Kevin Frederick, Supervisor, GPC Program

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

**APPLICANT'S  
CONSULTANT:** David Weinert  
Panhandle Geotechnical & Environmental, Inc.  
818 South Beltline Highway East  
Scottsbluff, NE 69361

**WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER:** 96-537

**TITLE:** Location: Proposed Workplan to Determine Potential Sources of Fertilizer  
Contamination at the Panhandle Cooperative Torrington Fertilizer Facility

PROPOSAL  PLANS  REPORTS  LETTERS

**DATE ON PROPOSAL/PLANS/LETTERS:** December 19, 1996

**IS THIS PROPOSAL SUBMITTED PURSUANT TO:**

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

AN LOV, NOV OR OTHER ENFORCEMENT? NO  YES  1/17/95

**REVIEWER:** Phillip Stump, Program Principal

**DATE OF LAST REVIEW:** November 7, 1996

**DATE OF THIS REVIEW:** February 4, 1997

**ACTION:** Permit to Construct Authorized

**I. SUMMARY OF EXISTING CONTAMINATION:**

The monthly nitrate samples from monitoring well (MW-49) which lies downgradient from the COOP fertilizer facility had increased significantly during the August and September 1996 sampling events.

As stated in WQD's November 7, 1996, WQD is seriously concerned about the increases in the nitrate concentrations measured in MW-49 during the late summer months for the past three years of sampling. The proposed workplan will determine whether residual soil contamination caused by spills or leaks from potential sources at the facility are producing the elevated nitrate concentrations.

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

- A. During my site visit on January 15, 1997, it was verified from the State Engineer's Records that the monitoring wells at the service station across U.S. Hwy 26 to the north of the fertilizer facility are screened at the water table. To help identify potential upgradient sources and verify the water table gradient, the offsite wells will be sampled and monitoring during the initial sampling event. WQD is requesting that monitoring well (MW-50) is resampled during subsequent monthly events to serve as upgradient well and to aid in determining the water table gradient.
- B. WDEQ/WQD was notified verbally (Mr. Gary Gerhard, Town of Torrington, Oct. 3, '96) that a hydrocarbon smell was noticed in the groundwater samples from MW-49c during the September sampling event. Previous WQD samples from this monitoring well (August 15, 1995) did not detect any hydrocarbons (BTEX and TPH analysis). On January 15, 1997, MW-49c was resampled by WQD for TPH and oil and grease analysis. After completion of the analysis the analytical results will be provided. Please continue to report any hydrocarbon smells during future water sampling events on this well.
- C. Per meeting with Mr. David Weinert on January 27, 1997, and Mr. Weinert's communications with Mr. Will Eitzman, WQD Permit no. 96-537 Conditions were reviewed and acknowledged prior to issuance of the Permit to Construct.

**END OF REVIEW**

PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 96-537  
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 96-537. 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.

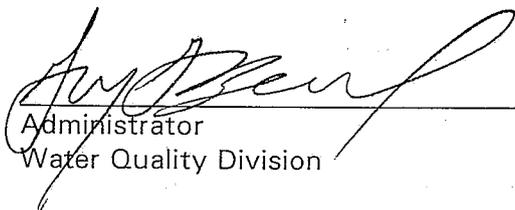
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

2-5-97  
\_\_\_\_\_  
Date of Issuance

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

1. of 12 Monitoring wells (MW-49, MW-49C, MW-1, MW-2 and MW-50) shall be sampled and static water levels shall be monitored monthly. The groundwater shall be analyzed for the following listed parameters and according to the EPA Method stated:

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

**Note:**

- 1) FMW-3 and FMW-4 shall also be sampled for the above parameters and static water levels shall be measured during the initial sampling event.
- 2) The soil boring samples shall be analyzed for nitrates, ammonia, and pH.
- 3) If prior approval is obtained from WDEQ/WQD, the sampling parameters, sampling locations, and/or frequency may be altered.

2. of 12 **Within sixty (60) days following the issuance of this permit**, a report of investigation (ROI) summarizing the sampling results shall be submitted to WDEQ/WQD. At a minimum, the items included in the ROI should contain *WDEQ/WQD's Minimum Content Requirements for a Subsurface Investigation (SSI) Report of the Investigation (ROI)* (i.e., see enclosed guidance document).
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 ~~96-537~~. 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.

PBS/mad 70487.LTR