

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 96-351
SPECIAL CONDITIONS
REF/PERMIT #

City of Sheridan Burkitt Street Sanitary Sewer Line Improvement Project

This permit hereby authorizes the applicant:

City of Sheridan
P.O. Box 848
Sheridan, WY 82801
Attention: Edith Johnson-LaMeres

to construct, install or modify a sewer according to the procedures and conditions of the application number 96-351. The facility is located in SE/4 of Section 27, 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.

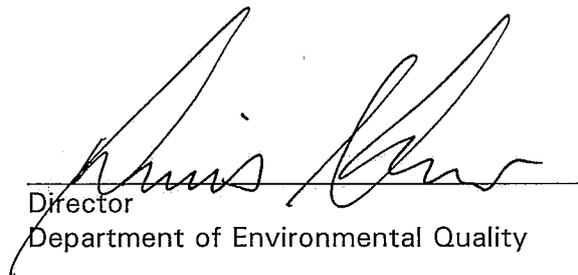
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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

8-29-96
Date of Issuance

BDM/pr: mad 63324.LTR

cc: Tom Barker, P.E., CERI, 237 N. Main Street, Sheridan, WY 82801

STATEMENT OF BASIS

General information.

A. Permit Number: 96-351

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

Not applicable

B. Briefly state the basis for the deviation.

Not applicable

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

Not applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Not applicable

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

Not applicable

- VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Brian D. Mark, P.E., Senior Environmental Analyst, and completed on August 26, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51933.DOC

¹Sediment 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. 96-352R
SPECIAL CONDITIONS

Evanston, Hwy 89 North Sewerline

This permit hereby authorizes the applicant:

City of Evanston
1200 North Main
Evanston, WY 82930

to construct a 10-inch sewerline according to the procedures and conditions of the application number 96-352R. The facility is located in NW¼ S16 T15N R120W in the county of Uinta, 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.

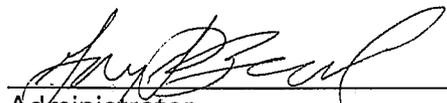
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit.

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

9-20-96

Date of Issuance

RRT/mad 63493.LTR

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 96-352R
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
 - A. Chapter XI. Yes
 - B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
Not Applicable
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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.)

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

Not Applicable

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Randall Taylor, S.W. District Engineering Supervisor, and completed on 13 September 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. 96-353
SPECIAL CONDITIONS

Eddie Brown Residential Septic Tank and Leach Field

This permit hereby authorizes the applicant:

Eddie Brown
2662 Sagebrush Lane
Greybull, Wyoming 82426

to construct a residential septic tank and leach field system according to the procedures and conditions of the application number 96-353. The facility is located in the NE/4 of the NW/4 of Sec.16, T52N, R93W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

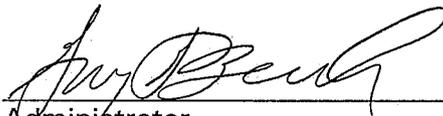
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

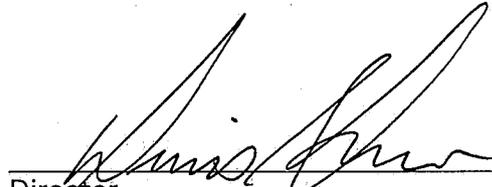
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

8-22-96

Date of Issuance

MDR/bb/63285.ltr

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-353
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Michael D. Roberts, P.E., Northwest District Engineer, and completed on 21 August 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. 96-354
SPECIAL CONDITIONS
REF/PERMIT # 95-148

Town of Saratoga Sanitary Sewer System

This permit hereby authorizes the applicant:

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

to construct sewer mains to replace existing sections of the collection system according to the procedures and conditions of the application number 96-354. The facility is located in SE 1/4 Section 11, T17N, R84W in the county of Carbon, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

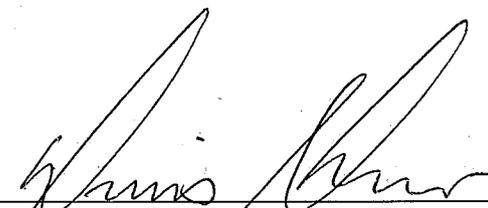
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

8-26-96

Date of Issuance

GLS:ks
63308.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 96-354

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 III¹. (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

¹Sediment 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 August 23, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

THE STATE



OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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October 11, 1996

VAE Nortrak Ltd.
16160 River Road
Richmond, B.C., Canada V6V1L6

RE: Permit Reporting Requirements for Permit Number - 96-355

Dear VAE Nortrak Official:

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/bb/63905.ltr

Enclosure: Permit Referenced Above

cc: William D. Greene, MK Centennial, 4020 House Avenue, Cheyenne, WY 82001

PERMIT TO CONSTRUCT

☒ New
Renewal
Modified

PERMIT NO. 96-355
SPECIAL CONDITIONS
REF/PERMIT #

VAE Nortrak - Water & Sewer Improvements with Fire Protection

This permit hereby authorizes the applicant:

VAE Nortrak Ltd.
16160 River Road
Richmond, B.C., Canada V6V1L6

to construct, install or modify water and sewer utility improvements with fire hydrants according to the procedures and conditions of the application number 96-355. The facility is located in the NE 1/4 of Section 1, T13N, R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

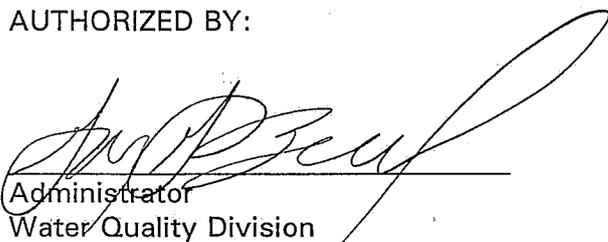
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

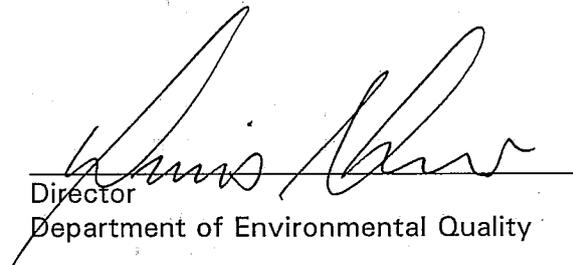
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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

10-14-96

Date of Issuance

RLE/bb/63906.ltr

cc: Cheyenne BOPU

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 96-355
- 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 III¹. (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 October 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."

RLE/bb/63906.ltr

¹Sediment 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: VAE Nortrak - Water & Sewer Improvements with Fire Protection

ENGINEER: William D. Greene
MK Centennial
4020 House Ave.
Cheyenne, Wyoming 82001
(Phone: 634-1101)

APPLICANT: VAE Nortrak Ltd.
16160 River Road
Richmond, B.C., Canada V6V1L6

WATER QUALITY DIVISION REFERENCE NUMBER: 96-355

REVIEWING ENGINEER: Ronald L. Ewald *RLE*

DATE OF REVIEW: September 12, 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. Approval Letter from Cheyenne BOPU Required - An approval letter from the Cheyenne BOPU (Board of Public Utilities) stating that they can supply the water for this system addition and that the connection is approved is required before these improvements can be permitted. Additionally, the approval letter must also state that the wastewater treatment system has the capacity to handle the additional hydraulic loading and the additional biological and chemical loads from this addition, and that the BOPU approves the sewer connection.

2. Water System Pressure Analysis Required - A pressure analysis of the system must be performed. Chapter XII, Section 14(b)(i) requires that the system be able to maintain a minimum pressure of 20 psi under all flow conditions. The most extreme case would be with fire flows from 2 or 3 or even more hydrants at the same time. Additionally, a "normal working pressure" of at least 35 psi needs to be demonstrated.
3. Fire Sprinkler System - Backflow Prevention Protection Required - Chapter XII, Section 14(i)(D) states that industrial connections such as a fire sprinkler system require that the water system be provided with cross-connection protection, and that all backflow prevention devices must be approved by the Foundation for Cross-Connection Control, Univ. of Southern California. Please provide additional details on the fire sprinkler system connections and specifications on the equipment to be used.
4. Meter Pit - Please provide details on the meter pit and connections.
5. Water/Sewer and Water/Storm Sewer Crossings - Please provide complete information and details on these crossings.
6. Water Main Valve Spacings - Chapter XII, Section 14(c) requires that valve intervals in commercial districts not be more than 500 feet. The spacings on this loop appear to be approximately 660 feet, 785 feet, and 480 feet. Please adjust these intervals to be less than 500 feet.
7. Application Must be Signed by a VAE Company Official - The application form is signed by the project engineer. Unless the engineer has the legal authority to bind the company, this signature is inappropriate. Please submit a new application form signed by the proper company official.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 96-356
SPECIAL CONDITIONS
REF/PERMIT #

Lusk Wyoming - New Pump and Pumphouse No. 9 and Water Transmission Line

This permit hereby authorizes the applicant:

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

to construct, install or modify water well pumping equipment, appurtenances, well house, and water transmission line according to the procedures and conditions of the application number 96-356. The facility is located in the NE1/4 of Section 14, T32N, R63W in the county of Niobrara, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

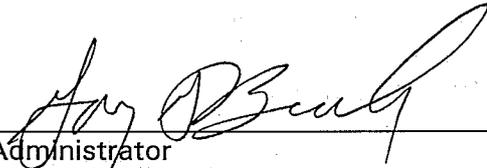
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

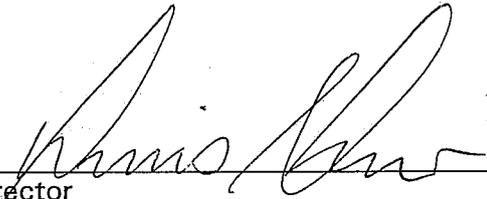
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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

9-9-96
Date of Issuance

RLE:ks 63378.ltr

cc: Wyoming Water Development Commission

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-356
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- NOT Applicable
- B. Briefly state the basis for the deviation.
- NOT Applicable
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
- NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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 August 30, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

¹Sediment 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. 96-357
SPECIAL CONDITIONS

Robert Pickering Septic Tank and BioDiffuser Absorptive System

This permit hereby authorizes the applicant:

Robert Pickering
P. O. Box 1097
Thermopolis, Wyoming 82443

to install a single family residence septic tank and Bio-Diffuser absorptive system according to the procedures and conditions of the application number 96-357. The facility is located on Lot #2 of the Sable Run Subdivision located in the NW/4 of Sec. 23, T42N, R95W in the county of Hot Springs, 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

8-29-96
Date of Issuance

STATEMENT OF BASIS

General information.

A. Permit Number: 96-357

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

IV. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Michael D. Roberts, P.E., Northwest District Engineer, and completed on 28 August 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. 96-358
SPECIAL CONDITIONS

Basin Area Water Supply Project

This permit hereby authorizes the applicant:

South Big Horn County Water Supply Joint Powers Board
P.O. Box 599
Basin, WY 82410

to construct water transmission lines, storage tank, and control building chlorine feed system according to the procedures and conditions of the application number 96-358. The facility is located in T50, 51, 52N, R92, 93W 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: Lander Office, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

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

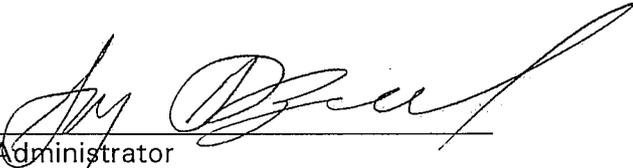
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit.

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

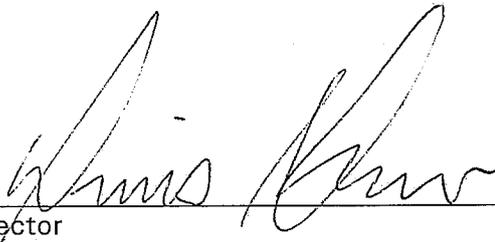
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

1. of 5 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 5 The applicant will provide immediate oral and/or written notice to Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 5 The water storage tank shop drawings and foundation plan must be submitted to the Department of Environmental Quality, Water Quality Division for review and approval prior to construction.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

1-31-97
Date of Issuance

JH/jyi/ks
70357.ltr

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-358
- 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 24, 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."

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 96-359
SPECIAL CONDITIONS
REF/PERMIT #

Black Hall #2 - Residential Septic System

This permit hereby authorizes the applicant:

Gary Buck
Box 694
Encampment, Wyoming 82325

to construct, install or modify a residential septic system according to the procedures and conditions of the application number 96-359. The facility is located in the SE 1/4 of Section 6, T14N, R83W 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 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.

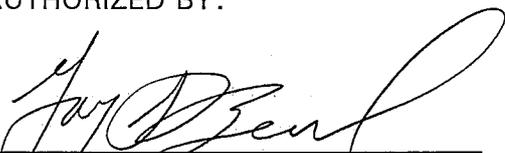
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

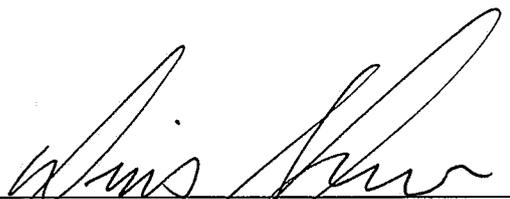
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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. Norwesco Septic Tank Requirements - To ensure structural integrity the manufacturers **instructions** regarding filling the tank with water during burial and immediately after pumping **must be followed** during installation.
- 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

8-29-96
Date of Issuance

RLE:ks
63309.ltr

cc: Carbon County Planner/Sanitarian

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 96-359
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
 - A. Chapter XI. Yes
 - B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
NOT Applicable
 - B. Briefly state the basis for the deviation.
NOT Applicable
 - C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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 August 23, 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

¹Sediment 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. 96-360
SPECIAL CONDITIONS

City of Cody Sewer Line Replacements

This permit hereby authorizes the applicant:

City of Cody
P.O. Drawer 2200
Cody, Wyoming 82414

to replace existing outdated concrete and clay sewer lines with PVC SDR 35 and HDPE Type III Class C Grade 34 sections according to the procedures and conditions of the application number 96-360. The facility is located in the SE/4 and SW/4 of Sec 31 and the SW/4 of Sec. 32, T53N, R101W; the NE/4 of Sec. 1, T52N, R102W in the county of Park, 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.

Wanting 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.

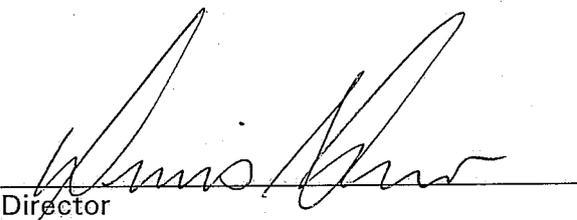
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

9-9-96
Date of Issuance

MDR:ks
63379.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 96-360

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

IV. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Michael D. Roberts, P.E., Northwest District Engineer, and completed on 29 August 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."

ROAD APPLICATION PERMIT

New
 Renewal
 Modified

PERMIT NO. 96-361
SPECIAL CONDITIONS

Hunt Field Pit Sludge Road Application

This permit hereby authorizes the applicant:

Goldmark Engineering, Inc.
P.O. Box 3766
Casper, Wyoming 82602

to road apply 3000 cu yds of pit sludge and 1500 cu yds of gravel according to the procedures and conditions of application number 96-361. The application site is located in the SW/4 of Sec. 2, Ne/4 of Sec. 10 and the NE/4 of Sec. 11, T50N, R 102W in the county of Park in the State of Wyoming. This permit shall be effective until 1 November 1996.

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

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

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

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

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

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

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

- of 8 The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: Water Quality Division, 250 Lincoln Street, Lander, WY 82520. (307)332-3144.

2. of 8 The permittee will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications to the approved permit package.
3. of 8 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Water Quality Division, 250 Lincoln, Lander, WY 82520, on the attached Certification of Completion form.
 - a. Date that the road application was completed; and
 - b. Certification the road application was done in accordance with the terms and conditions of the permit; or
 - c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received 3000 cu yds of pit sludge and 1500 cu yds of gravel.
4. of 8 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
5. of 8 3000 cu yds of pit sludge and 1500 cu yds of gravel shall be applied uniformly and incorporated into the roadbed. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist. 3000 cu yds of pit sludge and 1500 cu yds of gravel shall not be applied during the period from November 1 to April 10.
6. of 8 The application site slope shall not exceed eight percent (8%) for vehicular application.
7. of 8 3000 cu yds of pit sludge application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
8. of 8 Only the roads designated in this permit are authorized for application of the 3000 cu yds of pit sludge and 1500 cu yds of gravel. Additional or alternate sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the WQD.

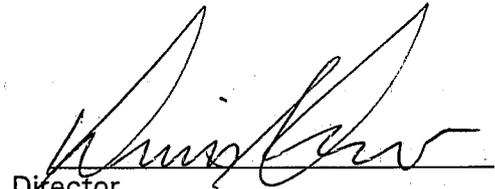
AUTHORIZED BY:



Administrator
Water Quality Division

9/16/96

Date of Issuance



Director
Dept. of Environmental Quality

STATEMENT OF BASIS

General information.

A. Permit Number: 96-361

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.

Yes

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

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

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

B. Briefly state the basis for the deviation.

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

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

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

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable

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

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the 3000 cu yds of pit sludge and 1500 cu yds of gravel onto the roadbed. Repeated applications of 3000 cu yds of pit sludge and 1500 cu yds of gravel on the same sections of road will be monitored by roadbed analyses.

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

Asphaltic pit sludge with no volatile fractions.

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

Will be applied to existing roadbed.

- 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:

Applied in areas less than eight percent slope; applied at least 300 feet distant from high water limits.

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

No exceedances allowed.

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

PERMIT NO. 96-361

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

No exceedances allowed.

- 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.

Periodic inspection of runoff and standing water for sheen.

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 Michael D. Roberts, P.E., Northwest District Engineer, and completed on 28 August 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. 96-362
SPECIAL CONDITIONS

Howard and Belenda Willson Residential Septic Tank and Leach Field

This permit hereby authorizes the applicant:

Howard and Belenda Willson
709 Highway 20 North
Thermopolis, Wyoming 82443

to construct a single family residential septic tank and leach field according to the procedures and conditions of the application number 96-362. The facility is located in the NW/4 of the NW/4 of Sec. 6, T43N, R94W in the county of Hot Springs, 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.

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.

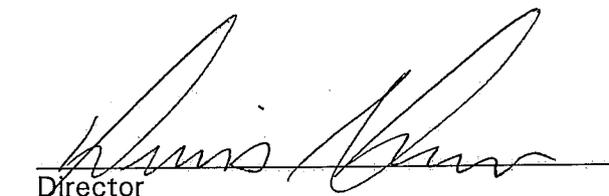
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

9-9-96

Date of Issuance

MDR/bb/63366.ltr

STATEMENT OF BASIS

- General information.
- A. Permit Number: 96-362
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Michael D. Roberts, P.E., Northwest District Engineer, and completed on 29 August 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. 96-363R
SPECIAL CONDITIONS
REF/PERMIT #

Former Puregro Facilities - Unit No. 430 and 435
Operated by J.R. Simplot Company

This permit hereby authorizes the applicant:

Unocal Corporation
P.O. Box 907, 10735 County Road 215
Parachute, CO 81635

to construct, install or modify monitoring wells according to the procedures and conditions of the application number 96-363. The facility is located in T24N, R61W, Section 15 & 22 in the county of Goshen, in the State of Wyoming. This permit shall be effective for a period of five (5) years from the date of issuance of this permit.

The issuance of this permit 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: East District-Groundwater Pollution Control Program, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

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

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

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

1. of 12 No monitoring well/piezometer shall be abandoned without prior approval from the Water Quality Division. After the monitoring well(s)/piezometer(s) have fulfilled their 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.
2. of 12 WDEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor well(s)/piezometer(s) and sample collection so that they may be on site if deemed necessary.
3. of 12 The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).
4. of 12 The results of any other analyses conducted on soil or water removed from these wells/piezometers or boreholes shall be provided to the department as soon as they are available.
5. of 12 ***Environmental Monitoring Program for Groundwater of the State:***
 - a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity and performed in accordance with WDEQ or EPA approved Standard Procedures or Quality Assurance/Quality Control (QA/QC) Plan.
 - b. The permittee shall maintain records of all monitoring information for a period of at least 3 years.
 - c. Records of monitoring information shall include:
 - i. The date, exact place, and time of sampling or measurements;
 - ii. The name(s) of individual(s) who performed the sampling or measurements;
 - iii. The Mean Sea Level elevation of the water table to the closest .01 ft., and the depth to water (to the closest .01 ft.) from a marked measuring point at the top of casing.
 - iv. Sampling procedures and sample preservation accomplished;
 - v. The date(s) analyses were performed;
 - vi. Names of individuals who performed the analyses;
 - vii. The analytical techniques or methods used; and
 - viii. The results of such analyses.

- ix. Monitor wells shall be sampled and the groundwater analyzed as indicated on the following table:

WELL NAME OR NUMBER	SAMPLING FREQUENCY	ANALYTICAL METHOD(S)	PARAMETER(S) ANALYZED	PERMIT LIMIT*
Direct push borings	To be determined	EPA 160.1	Total Dissolved Solids (TDS)	Not Applicable
"	"	EPA 353.2	Nitrate as N	"
"	"	EPA 350.1	Ammonia as N	"
"	"	EPA 365.2	Total Phosphorus	"

* Permit Limits (i.e. Groundwater Protection Standards) are only required for compliance monitoring wells. All chemical concentrations in this permit are expressed in mg/l unless otherwise noted.

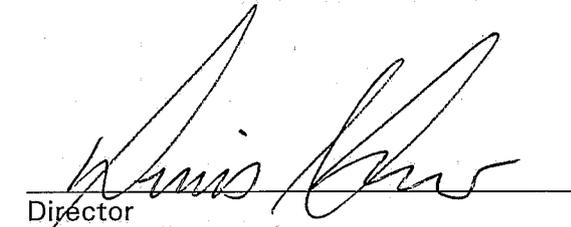
6. of 12 The groundwater monitoring wells/monitoring tubes shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number ~~96-363RR~~. In accordance with Section 13(a)(iv) of Chapter III of WDEQ/WQD rules and regulations, the monitoring well/piezometer construction shall adhere to Sections 64 - 69 of Part G of Chapter XI of WDEQ/WQD rules and regulations and these construction specifications take precedence over permit application content. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
7. of 12 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those well(s)/piezometer(s) prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to standard engineering practice.
8. of 12 Prior to sampling, monitoring well(s)/piezometer(s) shall be purged until a minimum of three (3) casing volumes have been removed, or until purged dry, whichever occurs first.
9. of 12 Sample collection, preservation, transportation and laboratory analytical procedures shall be completed in accordance with WDEQ or EPA approved Standard Procedures or Quality Assurance/Quality Control (QA/QC) Plan.
10. of 12 Within ninety (90) days of issuance of this permit, the Applicant shall submit to WDEQ/WQD a **Report of Investigation** (ROI) as described in the document, *WDEQ/WQD Minimum Content Requirements for a Subsurface Investigation (SSI) ROI*. As described in the October 14, 1996 workplan; if necessary, the ROI shall propose to perform the 2nd phase of the subsurface investigation to delineate the horizontal and vertical extent of nutrient contamination and to install permanent monitoring wells upgradient and downgradient of impacted areas.
11. 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 well(s)/piezometer(s) shall be installed to define the nature and extent of the contamination.

12. of 12 WDEQ/WQD is authorizing Permit to Construct number 96-363 under the conditions provided above. These conditions have been reviewed prior to issuance of the permit by Mr. Craig Gander, Harding Lawson Associates, Denver, CO, the consultant for the project, and by Ms. Susan Alvillar, Senior Staff Specialist, Unocal Corporation-ERS.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

11-5-96

Date of Issuance

PBS/bb/64166.ltr

cc: Craig Gander, Harding Lawson Associates

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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May 5, 1998

Leon F. Pahler, Ph.D
Unocal Corporation
P.O. Box 907
10735 County Road 215
Parachute, CO 81635

Re: Final Report - Stage 1 Groundwater Sampling and Analysis Program
Former PuregGro Facilities, Unit Nos. 430 and 435, South Torrington, WY
Harding Lawson Associates, March 14, 1997.
WQD Permit to Construct No. 96-363

Dear Mr. Pahler:

The Wyoming Department of Environmental Quality(WDEQ)/Water Quality Division (WQD) has completed its review of the referenced final report. Comments and requirements are summarized on the enclosed Groundwater Pollution Control (GPC) Program Review Form. WDEQ/WQD does acknowledge and advocates the pollution prevention measures completed to date (i.e., secondary containment structures at former 430 and 435 facilities). The Stage 1 Groundwater investigation helped to characterize the groundwater contamination upgradient and downgradient of the former PureGro facilities. Since the groundwater sampling results exceed Wyoming's Class I Groundwater Standards, WDEQ/WQD requests the submittal of a workplan within 90 days which includes: 1) installing permanent monitoring wells or 2) performing applicable corrective actions.

Please contact me directly should you have any questions (307-777-5449).

Sincerely,

Phillip Stump
Phillip Stump
Program Principal
Water Quality Division

PBS:ks 81385a.ltr

enclosures: GPC Program Review Form

xc: Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne
Ed Cranson, J.R. Simplot Company

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: Former PureGro Facilities (Unit No. 430 and 435)
Stage 1 Groundwater Sampling and Analysis Program

APPLICANT : Ed Cranson
(Owner) Retail Safety & Environmental Manager
J.R. Simplot Company
17199 County Rd. 21
Fort Morgan, CO 80701
(970)542-0034

APPLICANT: Leon F. Pahler, Ph.D
(Former Owners) Unocal Corporation
P.O. Box 907
10735 County Road 215
Parachute, CO 81635

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 96-363

TITLE: Data Collection and Compilation Report, Former PureGro Facilities Area

PROPOSAL **PLANS** **REPORTS**

DATE ON PROPOSAL/PLANS/LETTERS: July 31, 1997

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

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

AN LOV, NOV OR OTHER ENFORCEMENT? NO YES

REVIEWER: Phillip Stump, Program Principal

DATE OF LAST REVIEW: September 26, 1996

DATE OF THIS REVIEW: May 5, 1998

ACTION: Request/Requirements/Recommendations Provided

GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
WQD REFERENCE (PERMIT) NUMBER: 96-363
May 5, 1998

I. SUMMARY OF EXISTING CONTAMINATION

WDEQ/WQD May 8, 1996 Review evaluated the Phase I and II Site Assessments completed on the Former PureGro Facilities, Unit No. 430 and 435. The Site Assessments did not include any groundwater sampling. PureGro's recent site investigation activities involved drilling 20 Temporary Test Holes (TTH) from depths between 18 and 20 ft.. The water table was encountered at about 10 ft. below the ground surface. Half of the holes were bored at 1 inch diameter and half of the holes were bored at 2 inch diameter. In the 2 inch holes a 1-inch temporary PVC casing was installed. A 1-inch PVC flush-threaded casing with 10 feet of factory-slotted screen was installed to bottom depths of either 18 to 20 ft.. The 1 inch diameter holes were completed with a Geoprobe Model 8MU direct-push drilling rig. The samples were taken from groundwater entering the vertical slots in the bottom of the hollow drilling rod at depths between 15 to 18 feet.

The site investigation results detected nitrate-N concentrations that exceeded Wyoming's Class 1 Groundwater Standard of 10 mg/l. Sampling locations 435-5, 430-11, and 430-9 exceeded the Standard with the concentrations of 32.7, 29.3, and 15.9 in 435-5, 430-11, and 430-9; respectively. The ammonia-N concentrations in many of the upgradient and downgradient monitoring wells exceeded Wyoming's Class 1 Groundwater Standard of 0.50 mg/l. WDEQ/WQD is aware of ammonia contamination source(s) located upgradient of the former PureGro facilities; although, the nitrate concentrations in the groundwater indicate that nutrient soil contamination underlies the 430 and 435 facilities.

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

- A. Other groundwater sampling in the Torrington area has verified the highly stratified nature of the nitrate contamination. The decrease in nitrate concentrations at deeper depths below the water table may be due to both denitrification processes and the lack of vertical dispersion. The screening length and depth of the temporary wells may affect the measured concentration of the nitrate. Monitoring wells constructed with the top of the screen above the highest expected water table and extending 10 to 15 feet below the water table are needed to obtain representative samples of the groundwater quality.
- B. The temporary boring analytical results represent a "snap-shot in time". The results may vary significantly during certain times of the year. The changing results may be due to various environmental factors; such as, a rising water table intercepting contaminated soils in the vadose zone above the average water table depth or increased precipitation causing leaching of nutrient contamination from contaminated soils. The most significant areas of contamination may exist in the capillary zone where residual pore water contains large amounts of dissolved phase contamination. Groundwater samples taken over a consistent frequency at permanent monitoring wells would verify whether the nutrient concentrations are variable with changing hydrogeologic conditions. Groundwater samples and water level

GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
WQD REFERENCE (PERMIT) NUMBER: 96-363
May 5, 1998

measurements should be taken during the seasonal high groundwater elevation during July through September.

435 Former PureGro Facility

C. The soil nutrient sampling at the 435 facility detected elevated soil concentrations in various areas.

1. The highest nitrate concentration was detected in the area associated with the load-out on the south side of tank farm 3 (43500502) at 837 mg/kg. The 200,000+ gallon tanks contained ammonium polyphosphates in this area and no spill containment structures were present in the past. Soil samples taken in the low drainage area No. 8 to the west of the tank farm also detected high levels of nutrients in the form of TKN, nitrates and phosphorous.
2. TKN levels were also elevated near sampling areas No. 4, 5, and 8. The concentrations of the shallow soil samples appear to be significantly greater than the deeper samples; although, significant nutrient soil contamination was detected in some of the deeper samples.

D. The groundwater sampling results indicates elevated concentrations of nutrients and Total Dissolved Solids (TDS) downgradient of the 435 facility.

1. Analytical results were detected an ammonia as N concentration of 17 mg/l, nitrate as N of 32.7 mg/l, and Total Dissolved Solids of 1360 mg/l at 435-5. WDEQ/WQD does agree that the ammonia and nitrate concentrations are being measured in samples taken on the upgradient or west side of the facility. Due to the presence of elevated dissolved ammonia and phosphorus concentrations in 435-2 and high Total Kjeldahl Nitrogen (TKN) soil concentrations within a short distance of 435-2, WDEQ/WQD believes that former onsite activities have impacted this area. The dissolved nitrate concentration of 7.25 mg/l in 435-3 is significantly less than concentrations measured in the downgradient sampling location 435-5.

430 Former PureGro Facility

E. The groundwater samples taken on the downgradient side of the northern part of the 430 facility detected nitrate concentrations that exceed the nitrate-N groundwater standard of 10 mg/l..

1. On the northeast corner of the dry fertilizer warehouse, monitoring point 430-11 detected dissolved nitrate-N at 29.3 mg/l. 430-12 located about 100 ft. east of 430-11 and near the auger housing and conveyor system did not detect any dissolved nitrate concentrations.

GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
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2. Monitoring point 430-9 located at the southeast corner of the 'potato warehouse' near the former load-out area detected dissolved nitrate-N at 15.9 mg/l.
- F. Soil sampling results detected elevated concentrations of nitrate-N on the west side of the dry fertilizer warehouse. Soil sampling did not detect elevated nitrate-N near the load-out area at the 'potato warehouse'.
1. High nutrient concentrations were measured in the soils on the west side of the dry fertilizer warehouse. The highest nitrate-N concentration was detected near the dry chemical warehouse (Sample No. 43000102B) at 433 mg/kg.

III. REQUESTS/REQUIREMENTS/RECOMMENDATIONS:

WQD Permit No. 96-363R required that 'if necessary, the ROI shall propose to perform the 2nd phase of the subsurface investigation to delineate the horizontal and vertical extent of nutrient contamination and to install permanent monitoring wells upgradient and downgradient of impacted areas.' The 2nd phase of the investigation was also to include collecting site specific soil parameters for estimating fate and transport processes acting upon soil and groundwater contamination.

- A. Due to the reasons in **II.A. - D.** provided above, WDEQ/WQD is requiring continuous groundwater sampling at permanent monitoring wells to evaluate the groundwater quality upgradient and downgradient of the 435 facility. In lieu of permanent groundwater monitoring, the areas of elevated concentrations of nutrients (i.e., TKN, ammonia) identified from previous investigations could be excavated with an impermeable cap (i.e., paved roadway, etc.) placed over these areas. Regrading of the ground surface or diversions could also be constructed to prevent ponding of surface water runoff in areas of elevated nutrient soil contamination.
- B. The nutrient sampling results at the northern 430 facility are summarized above in **II.E. - F.**. Because of the access problems on the east side of the northern part of the 430 facility and the limited extent of the groundwater contamination, WDEQ/WQD is not requiring the installation of monitoring wells at the northern part of the 430 facility at this time. Although, WDEQ/WQD is requiring inspection of the warehouse and excavation of any likely contaminated soils (i.e., soils near sample # 102B, etc.) in the dry fertilizer warehouse area. If needed, the ground surface should be regraded or diversions built to help prevent ponding of surface water runoff.
- C. Because the dissolved nitrate concentrations detected at the southern part of the 430 facility did not exceed 10 mg/l and due to the limited nutrient soil contamination detected, WDEQ/WQD is not requiring additional activities at the southern part of the 430 facility.

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

WQD REFERENCE (PERMIT) NUMBER: 96-363

May 5, 1998

- D. Within 90 days following receipt of this letter, WDEQ/WQD is requesting the submittal of a workplan that either proposes the installation of monitoring wells at locations upgradient and downgradient of the 435 facility or proposes to excavate areas with high nutrient contamination. The areas lying beneath any secondary containment structures do not need to be addressed. The monitoring wells shall be placed in appropriate locations and in a manner that provides for adequate protection from surface activities. The workplan shall contain the following:
1. A site plan showing the proposed location of the monitoring wells, and a proposed monitoring well construction detail (schematic) must be submitted in triplicate with the workplan.
 2. On at least a quarterly basis, the elevation of the water table shall be measured at the monitoring wells and groundwater samples taken and analyzed for nitrate, ammonia, and TDS. WDEQ/WQD requests that monitoring and sampling is performed during September in the fall following the highest water table occurrence.
- E. WDEQ/WQD is requesting the work plan also include proposing to excavate any known areas of elevated nutrient contamination at the former 430 facility near the dry fertilizer warehouse (i.e., loading/unloading areas, known spill areas, etc.) and additional pollution prevention measures. WDEQ/WQD requests that the work plan also contains the following:
1. Plan to inspect and evaluate the integrity and impermeable conditions of the warehouse floor.
 2. WDEQ/WQD highly recommends the installation of impermeable surfaces in the areas where spills may occur during the handling and storage of dry or liquid agricultural chemicals.
 3. Plan for regrading the ground surface or constructing diversions to prevent ponding of surface water runoff in areas of elevated nutrient soil contamination.
 4. A **Operations/Maintenance (O&M) Plan** that identifies a schedule and procedures for inspecting, reporting, and repairing or replacing valves, fittings, piping, tanks, in areas where leaks could likely occur in the future, etc. The O&M plan should include a schedule and procedures for inspecting, testing, and repairing or installing backflow prevention devices at the water supply wells utilized for mixing chemicals/product.

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

WQD REFERENCE (PERMIT) NUMBER: 96-363

May 5, 1998

5. A **Spill Response Plan (SRP)** that identifies the personnel, equipment and procedures for responding to a chemical spill to prevent contamination of surface and/or groundwater. The **SRP** should include plans to take appropriate action to comply with WDEQ/WQD Chapter IV (enclosed) rules and regulations governing required response(s) to chemical spills and provide for recording:
 - a. time and date when above ground and nursery tanks are cleaned on-site and how wastewater is disposed; and
 - b. the reporting information required in Chapter IV of WQD rules and regulations following a spill event.

PBS:ks
81385b.ltr

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 96-364
SPECIAL CONDITIONS
REF/PERMIT #

Solvay Soda Ash Sweetwater County Anode

This permit hereby authorizes the applicant:

Solvay Soda Ash Joint Venture
P.O. Box 1167
Green River, WY 82935

to construct, install or modify deep bed anode system according to the procedures and conditions of the application number 96-364. The facility is located throughout Sweetwater County, 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 5. The cathodic protection deep anode bed shall be installed in accordance with the conditions of this permit and plans and specifications submitted in permit to construct application number 96-364.
- 2 of 5. After the deep anode beds have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 45 days after a well has been plugged and abandoned, the owner shall file a plugging record with WQD.
- 3 of 5. 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.
- 4 of 5. 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.
- 5 of 5. An unlimited number of similar anodes may be installed under this permit. This authorization applies to Solvay Soda Ash Joint Venture and all subsidiary companies operating in Wyoming.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

8-29-96

Date of Issuance

RFL/ks 63339.ltr

51865.doc

STATEMENT OF BASIS

- I. Permit Number: 96-364
- 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 August 28, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 96-365
SPECIAL CONDITIONS
REF/PERMIT #

Cyprus Shoshone Coal Corp. - Replacement Leach Field

This permit hereby authorizes the applicant:

Cyprus Shoshone Coal Corp.
P.O. Box 830
Hanna, Wyoming 82327

to construct, install or modify a replacement leach field according to the procedures and conditions of the application number 96-365. The facility is located in the SE 1/4 of Section 33, T23N, R81W in the county of Carbon, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

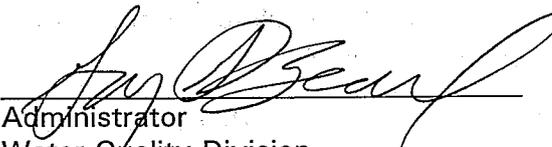
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

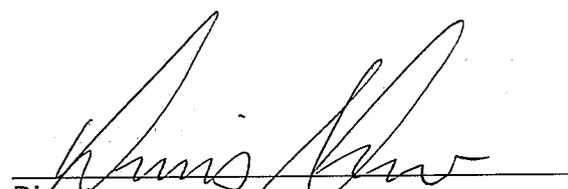
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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

9-9-96

Date of Issuance

RLE:ks
63386.ltr

cc: Carbon County Planner/Sanitarian

STATEMENT OF BASIS

I. General information.

A. Permit Number: 96-365

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

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

NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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 September 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."

51931.DOC

¹Sediment 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. 96-366
SPECIAL CONDITIONS
REF/PERMIT #

Mountain Land Inc., Home Site - Residential Septic System

This permit hereby authorizes the applicant:

Mountain Land Inc.
Douglas M. Richardson - Vice President
115 North Huber
Casper, Wyoming 82609

to construct, install or modify a residential septic system and leach field according to the procedures and conditions of the application number 96-366. The facility is located in the SE 1/4 of Section 12, T14N, R84W in the county of Carbon, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

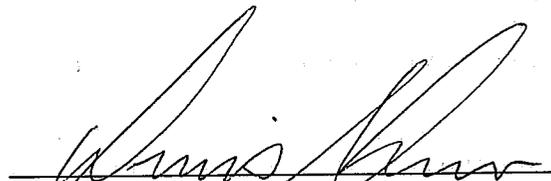
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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. Vaughn Septic Tanks - When Vaughn Concrete Products septic tanks are installed, the manways on each compartment must extend to the ground surface when clean-out risers are not provided.
- 5 of 5. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

8-29-96
Date of Issuance

RLE:ks
63345.ltr

cc: Carbon County Planner/Sanitarian

STATEMENT OF BASIS

General information.

A. Permit Number: 96-366

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

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

NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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 August 28, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

¹Sediment 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. 96-367
SPECIAL CONDITIONS
REF/PERMIT #

PM Campground Sewer

This permit hereby authorizes the applicant:

Walter Cundy
1101 Prairie Lane
Bar Nunn, Wyoming 82602

to construct, install or modify a sewer according to the procedures and conditions of the application number 96-367. The facility is located in NE/4 of the SE/4, Section 17, Township 34 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, 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.

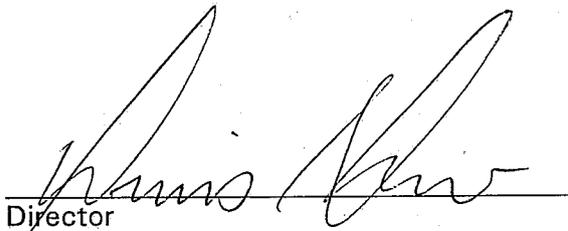
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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

9-9-96

Date of Issuance

BDM/pr/ks 63376.ltr

cc: William Johnston, P.E., Partner's Engineering, P.O. Box 41, Casper, WY 82602
Mike Jennings, Natrona County Health, 1200 E. 3rd, Casper WY 82601
Tom Curren, Natrona County Planning, 120 W. 1st, #200, Casper, WY 82601

STATEMENT OF BASIS

General information.

A. Permit Number: 96-367

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

Not applicable

B. Briefly state the basis for the deviation.

Not applicable

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

Not applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Not applicable

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

Not applicable

- VII. Documentation of Statement of Basis.

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

CERTIFICATION

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

51933.DOC

¹Sediment 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. 96-368
SPECIAL CONDITIONS
REF/PERMIT #95-253

F.E. Warren AFB: 5th Cavalry Ave Sewer Repair/Renovation - Modification to 95-253

This permit hereby authorizes the applicant:

F.E. Warren AFB
Attn. Jarrod Hatfield, 1st Lt, USAF
300 Vesle Drive, Suite 600
F.E. Warren AFB, Wyoming 82005-2793

to construct, install or modify water and sewer utilities according to the procedures and conditions of the application number 95-253 and 96-368. The facility is located in Sections 22, 23, 24, 25, 34, 35, and 36, T14N, R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period ending on March 29, 1998.

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:

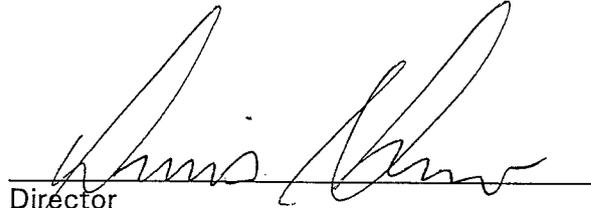
- 1 of 6. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 6. The applicant will provide immediate oral and/or written notice to 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 6. 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 6. Permit Number 95-253 still in FULL FORCE - All engineering design considerations, specifications, and construction representations made in the previously approved application package for permit number 95-253 remain in full force and shall be adhered to.
- 5 of 6. As-Constructed Plans Required - Because this is a repair/renovation, and since it has been stated by the applicant's engineer that it is impossible to predetermine the exact location and nature of water/sewer conflicts or problems; it shall be necessary to provide as-constructed drawings to the WQD. Therefore, within 60 days of completion of the project, as-constructed drawings shall be submitted to the WQD for review.

6 of 6. 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

9-9-96
Date of Issuance

RLE/bb/63368.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 96-368, Reference 95-253

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

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

NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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 August 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."

RLE/bb/63368.ltr

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

ROAD APPLICATION PERMIT

x New
Renewal
Modified

PERMIT NO. 96-369
SPECIAL CONDITIONS

Grass Creek Unit Pit Sludge Road Application

This permit hereby authorizes the applicant:

Marathon Oil Company
1501 Stampede Avenue
Cody, Wyoming 82414-4721

to road apply 180 cu yds of pit sludge blended with 120 cu yds gravel according to the procedures and conditions of application number 96-369. The application site is located in the SW/4 of Sec. 20 and the NW/4 of Sec. 29, T46N, R 98W in the county of Hot Springs in the State of Wyoming. This permit shall be effective until 1 November 1996.

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

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

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

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

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

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

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

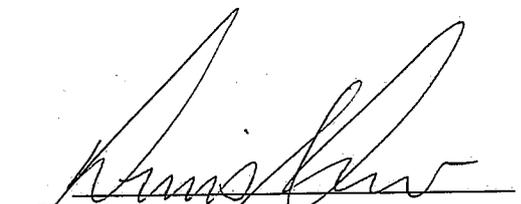
1. of 8 The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: Water Quality Division, 250 Lincoln Street, Lander, WY 82520. (307)332-3144.

2. of 8 The permittee will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications to the approved permit package.
3. of 8 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Water Quality Division, 250 Lincoln, Lander, WY 82520, on the attached Certification of Completion form.
 - a. Date that the road application was completed; and
 - b. Certification the road application was done in accordance with the terms and conditions of the permit; or
 - c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received 180 cu yds of pit sludge blended with 120 cu yds gravel.
4. of 8 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
5. of 8 180 cu yds of pit sludge blended with 120 cu yds gravel shall be applied uniformly and incorporated into the roadbed. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist. 180 cu yds of pit sludge blended with 120 cu yds gravel shall not be applied during the period from November 1 to April 10.
6. of 8 The application site slope shall not exceed eight percent (8%) for vehicular application.
7. of 8 180 cu yds of pit sludge blended with 120 cu yds gravel application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
8. of 8 Only the roads designated in this permit are authorized for application of the 180 cu yds of pit sludge blended with 120 cu yds gravel. Additional or alternate sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the WQD.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

9-9-96

Date of Issuance

MDR:ks 63380.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 96-369

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.

Yes

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

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

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

B. Briefly state the basis for the deviation.

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

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

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

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable

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

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the 180 cu yds of pit sludge blended with 120 cu yds gravel onto the roadbed. Repeated applications of 180 cu yds of pit sludge blended with 120 cu yds gravel on the same sections of road will be monitored by roadbed analyses.

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

Asphaltic base with no volatile fractions.

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

Applied to existing roadbed.

- 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:

Applied in areas with less than eight percent slope; applied at least 300 feet distant from high water limits.

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

PERMIT NO. 96-369

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

No exceedances allowed.

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

No exceedances allowed.

- 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.

Periodic inspection of runoff and standing water for oil sheen.

Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Michael D. Roberts, P.E., Northwest District Engineer, and completed on 30 August 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. 96-370
SPECIAL CONDITIONS

Hiway Cafe and Bar Camper Court Septic Tank and Leach Field

This permit hereby authorizes the applicant:

Keith McMahan
314 West US Highway 20
Manderson, Wyoming 82432

to construct a septic tank and leach field to serve an eleven unit camper court according to the procedures and conditions of the application number 96-370. The facility is located in the NW/4 of Sec. 31, T50N, R92W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

The issuance of this permit does not convey any property rights in either real or personal property or any 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.

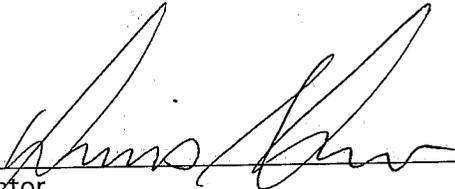
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

9-9-96
Date of Issuance

MDR:ks
63385.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 96-370

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

IV. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Michael D. Roberts, P.E., Northwest District Engineer, and completed on 3 September 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. 96-371
SPECIAL CONDITIONS
REF/PERMIT #

Cholensky Residential Septic System

This permit hereby authorizes the applicant:

John & Judy Cholensky
89 - 19th, Apt. C
Wheatland, Wyoming 82201

to construct, install or modify a residential septic system with "Infiltrator" leach field according to the procedures and conditions of the application number 96-371. The facility is located in Section 34, T20N, R67W in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

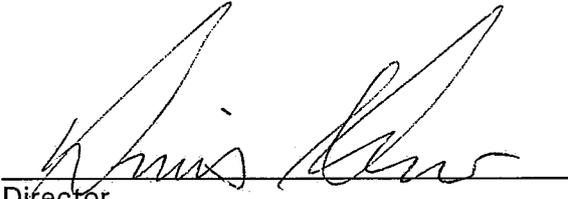
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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. Windmeier Construction Septic Tank Requirements - When Windmeier septic tanks are installed, either a 6 inch clean-out or the manway **must be extended to the ground surface.**
- 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

8-30-96
Date of Issuance

STATEMENT OF BASIS

General information.

A. Permit Number: 96-371

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

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

NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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 August 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."

RLE/bb/63358.ltr

¹Sediment 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. 96-372
SPECIAL CONDITIONS
REF/PERMIT #

Water Distribution and Wastewater Collection System for Rawlins, WY KOA

This permit hereby authorizes the applicant:

Kampgrounds of America, Inc.
P.O. Box 30558
Billings, MT 59114

to construct water distribution and wastewater collection systems according to the procedures and conditions of the application number 96-372. The facility is located in NW 1/4 Section 21, T21N, R87W in the county of Carbon, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

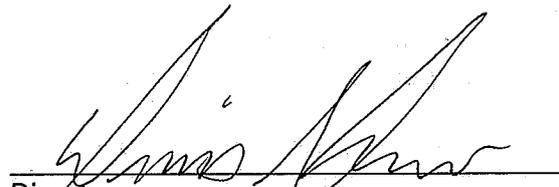
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 5 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 5 The slope of the wastewater line from KOA MH-2 to KOA MH-3 calculates to be .00357 foot/foot.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

10-29-96
Date of Issuance

GLS/mad 64002.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-372
- 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 III¹. (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

¹Sediment 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 Office, and completed on October 22, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

PERMIT TO CONSTRUCT

New
Renewal
 Modified

PERMIT NO. 96-373
SPECIAL CONDITIONS
REF/PERMIT #95-085

F.E. Warren AFB: Wherry Housing, W&S - 2nd Modification to 95-085

This permit hereby authorizes the applicant:

F.E. Warren AFB
Attn. John L. Wright
300 Vesle Drive, Ste. 600
F.E. Warren AFB, Wyoming 82005-2793

to construct, install or modify water and sewer utilities according to the procedures and conditions of the application number 95-085 and 96-373. The facility is located in Sections 22, 23, 26, and 27, T14N, R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period ending on February, 28, 1998.

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.

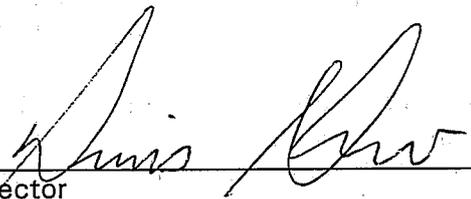
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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. Permit Number 95-085 still in FULL FORCE - All engineering design considerations, specifications, and construction representations made in the previously approved application package for permit number 95-085 remain in full force and shall be adhered to.
- 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

8-30-96

Date of Issuance

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-373, Reference 95-085
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- NOT Applicable
- B. Briefly state the basis for the deviation.
- NOT Applicable
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
- NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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 August 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."

RLE/bb/63363.ltr

¹Sediment 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. 96-374
SPECIAL CONDITIONS
REF/PERMIT #

Thomsen Residential Septic System

This permit hereby authorizes the applicant:

Donald W. and Karen K. Thomsen
5136 Emmet St.
Omaha, Nebraska 68104

to construct, install or modify a residential septic system and leach field according to the procedures and conditions of the application number 96-374. The facility is located in the NE 1/4 of Section 33, T18N, R83W 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 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.

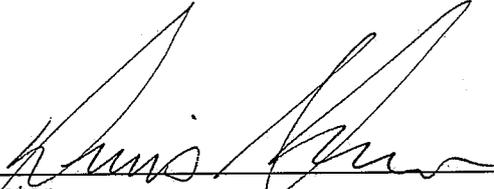
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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. Norwesco Septic Tank Requirements - To ensure structural integrity the manufacturers **instructions** regarding filling the tank with water during burial and immediately after pumping **must be followed** during installation.
- 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

10-2-96

Date of Issuance

RLE/mad 63683.LTR

cc: Carbon County Planner/Sanitarian
Man Can Construct Company
P.O. Box 681
Encampment, Wyoming 82325

STATEMENT OF BASIS

General information.

A. Permit Number: 96-374

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

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

NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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 September 26, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

¹Sediment 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. 96-375
SPECIAL CONDITIONS
REF/PERMIT #

Ponderosa Ridge/Pork Tech Industries (Albin Elevator Truck Wash)

This permit hereby authorizes the applicant:

Ponderosa Ridge LLC
P.O. Box 97
Albin, WY 82050

to install a holding tank for washwater from trucks that haul animals according to the procedures and conditions of the application number 96-385. The facility is located in NE 1/4, Section 29, T17N, R60W 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.

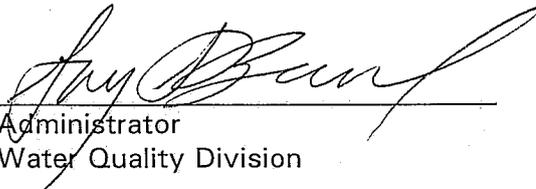
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

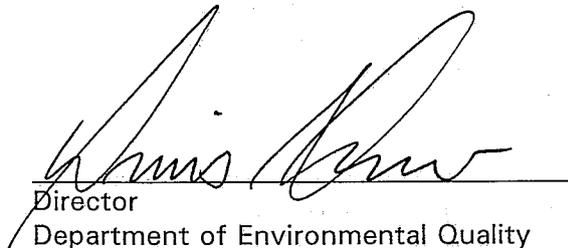
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 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 An alarm or signal device shall be installed on the holding tank notifying operators that the tank is 3/4 full.
- 6 of 6 The tank is being permitted for washwater from truck that haul animals. The wash water that enters the holding tank is to have animals waste only and is not to have oils greases or solvents. The wastewater from the pit is to be placed on fields the currently have land application permits associated with them.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

9-20-96

Date of Issuance
GLS/mad 63483.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 96-385

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 III¹. (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

¹Sediment 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 September 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



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

Cheyenne Country Club
Attn. Robert A. Strasheim, President
P.O. Box 786
Cheyenne, Wyoming 82003

RE: **Unpermitted Facility/Non Response to Review: Application # 96-376**

Dear Mr. Strasheim:

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:	Cheyenne Country Club - Water & Sewer Relocates
DEQ/WQD Reference Number:	96-376
Engineering Consultant:	William D. Greene, MK Centennial
DEQ/WQD Reviewing Engineer:	Ronald L. Ewald
Date of DEQ/WQD Review:	September 10, 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. Strasheim
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/80300.ltr

cc: IPS

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 96-377
SPECIAL CONDITIONS
REF/PERMIT #95-285

Wyoming Girls School Sanitary Sewer Repair and Extension

This permit hereby authorizes the applicant:

City of Sheridan
Attention: Della Herbst
P.O. Box 848
Sheridan, WY 82801

to construct, install or modify a septic system according to the procedures and conditions of the application numbers 96-377. The facility is located in the N/2 of Section 10 of T55N R84W 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 (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, State of Wyoming, 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.

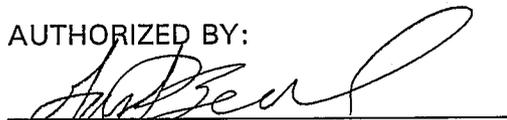
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

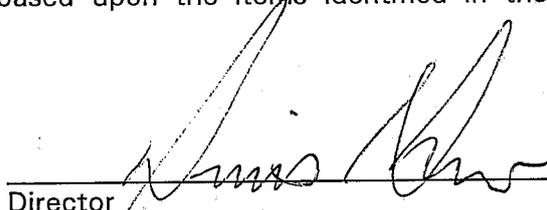
AUTHORIZED BY:



Administrator
Water Quality Division

10-10-96

Date of Issuance



Director
Department of Environmental Quality

BDM/pr/mad 63847.ltr

Enclosures: Notification Post Card
Certificate of Completion

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 96-377
- 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 III¹. (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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on October 7, 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

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

RECEIVED

OCT 21 1996 PERMIT TO CONSTRUCT

X New
Renewal
Modified

WATER QUALITY DIVISION
WYOMING

PERMIT NO. 96-377
SPECIAL CONDITIONS
REF/PERMIT #95-285

Wyoming Girls School Sanitary Sewer Repair and Extension

This permit hereby authorizes the applicant:

City of Sheridan
Attention: Della Herbst
P.O. Box 848
Sheridan, WY 82801

to construct, install or modify a septic system according to the procedures and conditions of the application numbers 96-377. The facility is located in the N/2 of Section 10 of T55N R84W 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 (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, State of Wyoming, 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.

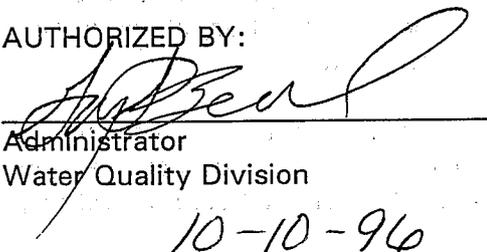
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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:

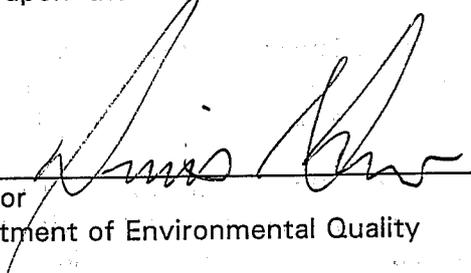
- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice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

AUTHORIZED BY:



Administrator
Water Quality Division

10-10-96
Date of Issuance



Director
Department of Environmental Quality

BDM/pr/mad 63847.ltr

Enclosures: Notification Post Card
Certificate of Completion

STATEMENT OF BASIS

General information.

A. Permit Number: 96-377

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 III¹. (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

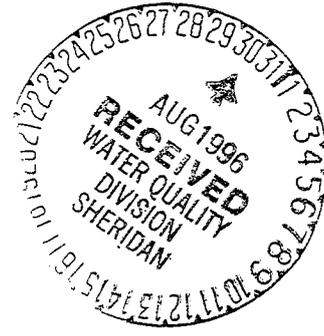
The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Brian D. Mark, P.E., Senior Environmental Analyst, and completed on October 7, 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

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

96-377

PERMIT TRANSFER REQUEST FORM



DATE: August 13, 1996

Water Quality Division
Department of Environmental Quality
1043 Coffeen Avenue, Suite D
Sheridan, Wyoming 82801
Attention: Don McKenzie

State of Wyoming, Wyoming Girls' School (ORIGINAL OWNER)
intends to transfer ownership of the facility associated with the
Department of Environmental Quality, Water Quality Division
(DEQ/WQD) permit number 95-285 to the City of Sheridan
(NEW OWNER) on August 20, 1996 (DATE).

It is requested that the referenced permit be transferred to the new owner in accordance with Section 10 (c) and (d) of Chapter III of the 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 DEQ/WQD.

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.

Shirley R. Carson
(ORIGINAL OWNER SIGNATURE)

Della Herbst
(NEW OWNER SIGNATURE)

Name: Shirley R. Carson, Director

Name: Della Herbst, Mayor

Address: Dept. of Family Services

Address: City of Sheridan

Hathaway Bldg., Rm. 347

P.O. Box 848

Cheyenne, WY 82002-0490

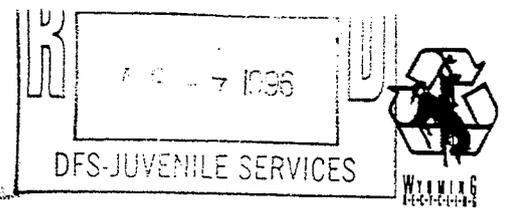
Sheridan, WY 82801

Telephone: (307) 777-7564

Telephone: (307) 674-6483



JIM GERINGER
GOVERNOR



Department of Environmental Quality

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

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

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

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

August 5, 1996

Wyoming Girls School
P.O. Box 868
Sheridan, Wyoming 82801
Attn.: Gary Kopsa

RE: Permit transfer of Wyoming Girls School Sanitary Sewer Repair and Extension, 95-285

Dear Mr. Kopsa:

It has been brought to our attention permit 95-285 will be transferred to the City of Sheridan.

Attached is a Department of Environmental Quality/Water Quality Division PERMIT TRANSFER REQUEST FORM. The form requires the original and new owner signatures. Please coordinate the transfer to ensure it is completed properly. If you have any questions please contact me at 672-6457.

Respectfully,

Brian Mark, P.E.
Senior Environmental Analyst
NE District, Water Quality Division

BDM/pr

Enclosure

cc: Tom Pilch, P.E., Pilch Engineering and Surveying, Inc.,
P.O. Box 6498, Sheridan, Wyoming 82801
Edith Johnson-LaMeres, P.E., City of Sheridan, P.O. Box 848,
Sheridan, WY 82801

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 96-378
SPECIAL CONDITIONS

Steven L. Jennings Residential Septic Tank and Leach Field

This permit hereby authorizes the applicant:

Steven L. Jennings
524 South 4th Street
Greybull, Wyoming 82426

to construct a residential septic tank and leach field system according to the procedures and conditions of the application number 96-378. The facility is located in the NW/4 of Sec. 4, T52N, R92W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

The issuance of this permit does not convey any property rights in either real or personal property or any 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.

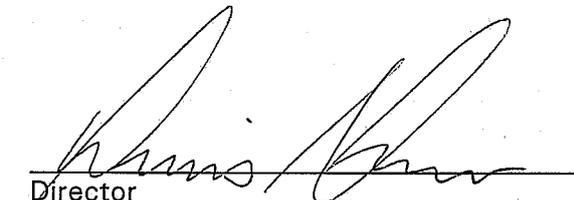
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

9-9-96
Date of Issuance

MDR/bb/63401.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 96-378

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

IV. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Michael D. Roberts, P.E., Northwest District Engineer, and completed on 4 September 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."

ROAD APPLICATION PERMIT

New
 Renewal
 Modified

PERMIT NO. 96-379
SPECIAL CONDITIONS

LaBarge Unit - Texaco Road Application

This permit hereby authorizes the applicant:

Texaco Exploration and Production Inc.
P.O. Box 1629
Rock Springs, WY 82902

to road apply approximately 350 barrels of oil tank bottoms according to the procedures and conditions of application number 96-379. The application site is located in NW and SW ¼ S34 T27N R113W in the county of Sublette in the State of Wyoming. This permit shall be effective until 01 November 1996.

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

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

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

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

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

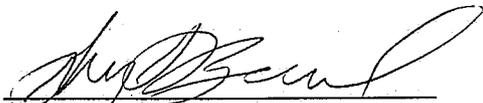
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

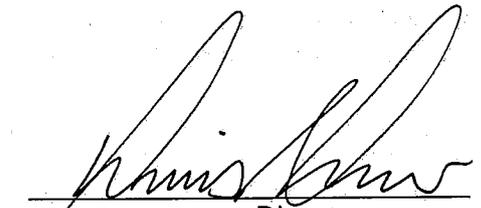
1. of 8 The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: Water Quality Division, 250 Lincoln Street, Lander, WY 82520. (307)332-3144.

2. of 8 The permittee will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications to the approved permit package.
3. of 8 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Water Quality Division, 250 Lincoln, Lander, WY 82520, on the attached Certification of Completion form.
 - a. Date that the road application was completed; and
 - b. Certification the road application was done in accordance with the terms and conditions of the permit; or
 - c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received approximately 350 barrels of oil tank bottoms.
4. of 8 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
5. of 8 Approximately 350 barrels of oil tank bottoms shall be applied uniformly and incorporated into the roadbed. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist. Tank bottoms shall not be applied during the period from November 1 to April 10.
6. of 8 The application site slope shall not exceed eight percent (8%) for vehicular application.
7. of 8 The tank bottoms application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
8. of 8 Only the roads designated in this permit are authorized for application of the approximately 350 barrels of oil tank bottoms. Additional or alternate sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the WQD.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

9-20-96
Date of Issuance

RRT/mad 63494.LTR

cc: BLM; P.O. Box 768; Pinedale, WY 82941

STATEMENT OF BASIS

I. General information.

A. Permit Number: 96-379

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

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

No

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

No

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

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

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

B. Briefly state the basis for the deviation.

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

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

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

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable

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

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the approximately 350 barrels of oil tank bottoms onto the roadbed. Repeated applications of approximately 350 barrels of oil tank bottoms on the same sections of road will be monitored by roadbed analyses.

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

N/A

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

N/A

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

N/A

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

N/A

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

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Randall Taylor, S.W. District Engineering Supervisor, and completed on 13 September 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. 96-380
SPECIAL CONDITIONS
REF/PERMIT #

Moorcroft Belle Fourche Avenue Water Line Replacement, Project 1

This permit hereby authorizes the applicant:

Town of Moorcroft
P.O. Box 70
Moorcroft, WY 82721
Attention: Mayor Fred Welch

to construct, install or modify a water line according to the procedures and conditions of the application number 96-380. The facility is located in SW/4 of the SE/4 and the SE/4 of the SW/4, Section 31, Township 50 North, Range 67 West, and the NW/4 of the NE/4, Section 6, Township 49 North, Range 67 West in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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

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

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

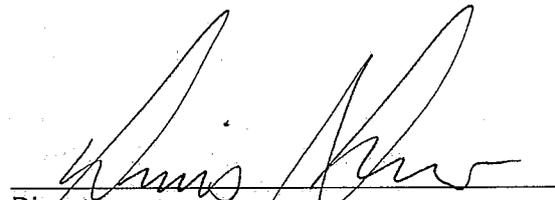
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

10-1-96

Date of Issuance

BDM/pr: 63670.LTR

cc: Jerry Hunt, P.E., Weston Engineering, Inc., P.O. Box 260, Upton, WY 82730

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 96-380

- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
 - A. Chapter XI. No
 - B. Chapter XII. Yes

- III. Basis for issuing permit. (Indicate yes or no for each section.)
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

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

No
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.

No

- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

Not applicable
 - B. Briefly state the basis for the deviation.

Not applicable
 - C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

Not applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Not applicable

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

Not applicable

- VII. Documentation of Statement of Basis.

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

CERTIFICATION

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

51933.DOC

¹Sediment 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. 96-381
SPECIAL CONDITIONS
REF/PERMIT #

Vista West Improvement District Water Storage Reservoir

This permit hereby authorizes the applicant:

Vista West Improvement District
P.O. Box 851
Sundance, WY 82729
Attention: Robert Campbell

to construct, install or modify a water storage tank according to the procedures and conditions of the application number 96-381. The facility is located in SW/4 of the NE/4, Section 9, Township 52 North, Range 63 West in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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

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

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

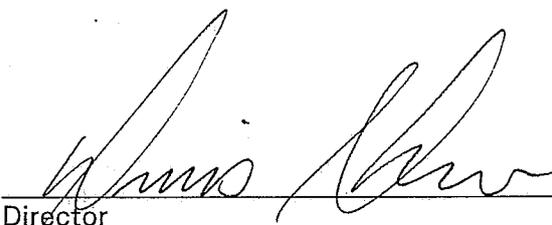
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

10-1-96

Date of Issuance

BDM/pr:mad 63685.LTR

cc: Jerry Hunt, P.E., Weston Engineering, Inc., P.O. Box 260, Upton, WY 82730

STATEMENT OF BASIS

i. General information.

A. Permit Number: 96-381

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

A. Chapter XI. No

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

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

Not applicable

B. Briefly state the basis for the deviation.

Not applicable

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

Not applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Not applicable

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

Not applicable

- VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Brian D. Mark, P.E., Senior Environmental Analyst, and completed on September 26, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51933.DOC

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

Patti Burns

DEQ/WAD-IPS

Cheyenne

FROM

Don McKenzie

DEQ/WAD-SPO

Sheridan

SU:

Permit Application 96-382 (As. Built)

DATE

9-12-96

MESSAGE:

The applicant has provided information that shows the as-built permit application for the new Popet Talbot sawmill in Newcastle was permitted by the DEQ in '89 under permit 89-274. Please retire/close permit 96-382. Thank you!

ORIGINATOR-DO NOT WRITE BELOW THIS LINE

REPLY TO →

SIGNED

REPLY

xc: District SWW File
L. Robinson, DEQ/WAD-SPO, Cheyenne

DATE

SIGNED

SEND PARTS 1 AND 3 INTACT-PART 1 WILL BE RETURNED WITH REPLY

RM-858-3
PRINTED IN U.S.A.

REPLIER'S COPY

9/30

REPLIER KEEP FOR FILE COPY

Patti,

Per your request. Thanks!

Don

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 96-383
SPECIAL CONDITIONS

POPE & TALBOT CABIN SEPTIC SYSTEM

This permit hereby authorizes the applicant:

Rodney Williams
Pope & Talbot
P.O. Box 370
Newcastle, WY 82701

to construct, install or modify a septic system according to the procedures and conditions of the application number 96-383. The facility is located in the Section 9 of T48N R62W in the county of Weston, 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.

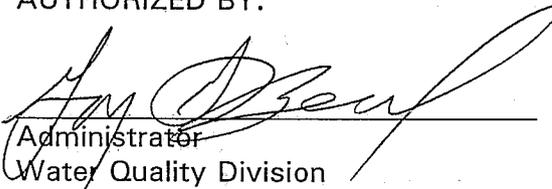
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

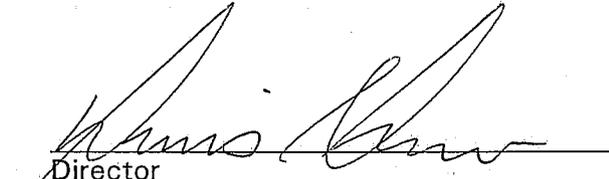
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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



Director
Department of Environmental Quality

9-9-96
Date of Issuance

DRM/pr:09/04/96

b/63412.ltr

Enclosures: Notification Post Card
Certificate of Completion
Statement of Basis

STATEMENT OF BASIS

General information.

A. Permit Number: 96-383

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 III¹. (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 September 4, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

DRM/bb/63412.ltr

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

LAND APPLICATION PERMIT

New
 Renewal
 Modified

PERMIT NO. 96-384
SPECIAL CONDITIONS

KN ENERGY 12 MILE JUNCTION LAND TREATMENT FACILITY

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 96-384. The facility is located in the NW/4 of Section 15 of Township 34 North Range 81 West in the county of Natrona, in the State of Wyoming. This permit shall be effective until November 1, 1996.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable 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.

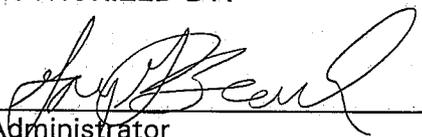
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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:

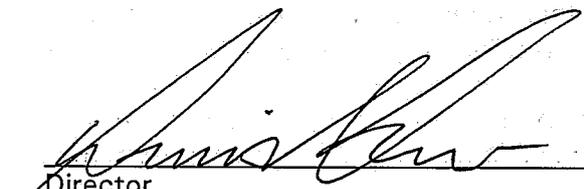
- 1 of 5 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 2 of 5 The permittee shall notify the DEQ/WQD of the anticipated project commencement and completion dates with the attached post card, or by telephone or fax. At least 24 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD Northeast District Office, 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307)672-6457, FAX (307)674-6050.
- 3 of 5 The permittee shall 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 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 Northeast District Office must be immediately notified of the violation. If the violation is identified during spray irrigation operations, the land application 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 water impact and provide a remediation plan for DEQ/WQD approval. If the violation is identified at the end of the land application 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/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 Northeast District Office on the attached Certification of Completion form.

AUTHORIZED BY:



Administrator
Water Quality Division

9-9-96
Date of Issuance



Director
Department of Environmental Quality

DRM:pr/09/09/96
b/63447.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: 96-384

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 III¹. (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 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:

The opportunity for direct or indirect discharge, percolation, or filtration of wastewater to groundwater (or surface water) is minimized by the location of the facility with respect to waters of the state, uniform application of the wastewater, and natural evaporation/evapotranspiration processes.

- 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 with the exception of ammonia and toluene. An ammonia level as high as 30 mg/l is anticipated (WWQRR Chapter VIII limit = 0.3 mg/l). The ammonia concentration is expected to decrease as a result of spray irrigation. The remaining ammonia that reaches the soil will be utilized as fertilizer by the native vegetation. Toluene levels of up to 8 mg/l are anticipated (EPA MCL = 1mg/l). Toluene is also expected to volatilize during spray irrigation. If the toluene concentration in the irrigated soil still remains above the EPA MCL after the land application of the treated crude oil cleaning water, the spray irrigation of hydrotest water will follow and should reduce the effective toluene concentration in the soil to a point below the EPA MCL. In the event the soil sampling by the applicant at the end of the land application indicates any of the constituents of concern exceed compliance levels, the applicant shall submit a soil and water remediation plan for DEQ/WQD 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:

The land application of 8000 barrels of the treated crude oil cleaning water and 50,000 barrels of hydrotest water will consist of compliance checks of the constituents of concern prior to spray irrigation, uniform application of the wastewater, periodic sampling of the wastewaters to insure compliance, and a soil sampling event at the end of the land application for confirmation of compliance.

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

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	8 ppm	P,D,E		502.2
Ethylbenzene	0.7 ppm	P,D,E		502.2
Xylene	10 ppm	P,D,E		502.2
Ammonia	30 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 Land Application D = Daily During Land Application
 W = Weekly During Land Application E = End Of Land Application

In the event any compliance constituent concentration exceeds the permit discharge limit, the applicant will be in violation of the permit. The Northeast District Office must be immediately notified of the violation. If a violation is identified during spray irrigation operations, the land application 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 water impact and provide a remediation plan for DEQ/WOD approval. If a violation is identified at the end of the land treatment 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 Donald R. McKenzie, DEQ/WQD-SPO NE District Program Principal, and completed on September 5, 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/63447.ltr

Department of Environmental Quality

Herschler Building 122 West 25th Street

Cheyenne, Wyoming 82002

ADMINISTRATION
(307) 777-7755
FAX 777-7652

ABANDONED MINES
(307) 777-8145
FAX 834-0785

AIR QUALITY
(307) 777-7381
FAX 777-7682

INDUSTRIAL SITING
(307) 777-7368
FAX 777-8537

LAND QUALITY
(307) 777-7755
FAX 834-0789

SOLID & HAZARDOUS WASTE
(307) 777-7752
FAX 777-5973

WATER QUALITY
(307) 777-7751
FAX 777-5973

No. Of Pages (including this cover sheet): 7 Date: 9-9-96 Fax No.: 6074-6050

To: Don McKenzie

From: Barb Feltz

Comments: Sorry it took so long!

TRANSMISSION REPORT

USER NAME : WQD

THIS DOCUMENT WAS CONFIRMED
(REDUCED SAMPLE ABOVE - SEE DETAILS BELOW)

** COUNT **

TOTAL PAGES SCANNED : 7
TOTAL PAGES CONFIRMED : 7

*** SEND ***

No.	REMOTE STATION	START TIME	DURATION	#PAGES	MODE	RESULTS
1	SHERIDAN AQ&WQ	9- 9-96 13:56	3'44"	7/ 7	EC	COMPLETED 9600

TOTAL 0:03'44" 7

NOTE:

No. : OPERATION NUMBER 48 : 4800BPS SELECTED EC : ERROR CORRECT G2 : G2 COMMUNICATION
 PD : POLLED BY REMOTE SF : STORE & FORWARD R1 : RELAY INITIATE RS : RELAY STATION
 MB : SEND TO MAILBOX PG : POLLING A REMOTE MP : MULTI-POLLING RM : RECEIVE TO MEMORY

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 96-385
SPECIAL CONDITIONS

Bryan Ramsey, Jr. Septic Tank and Bio-diffuser System

This permit hereby authorizes the applicant:

Bryan Ramsey, Jr.
632 1/2 Clark
Thermopolis, Wyoming 82443

to install a residential septic tank and a bio-diffuser absorptive system according to the procedures and conditions of the application number 96-385. The facility is located in the SE/4 of the NE/4 of Sec. 11, T42N, R95W in the county of Hot Springs, 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.

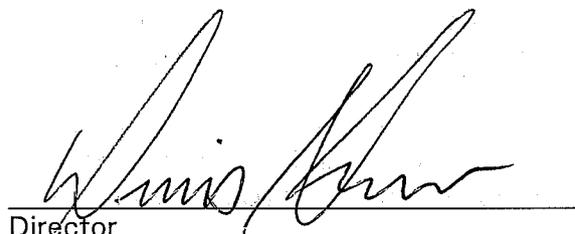
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

9/16/96

Date of Issuance

MDR/bb/63448.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 96-385

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.

B. Briefly state the basis for the deviation.

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

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- 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:
 - B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:
 - C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:
 - 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:
 - 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:
 - 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.

¹Sediment 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 Michael D. Roberts, P.E., Northwest District Engineer, and completed on 9 September 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

MDR/bb/63448.ltr

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 96-386
SPECIAL CONDITIONS
REF/PERMIT #

Vonheeder Wastewater Facility (Residential Septic System)

This permit hereby authorizes the applicant:

Gary W. & Pauline Joyce Vonheeder
P.O. Box 84
Encampment, WY 82325

to construct a residential septic system according to the procedures and conditions of the application number 96-386. The facility is located in Section 31, T15N, R83W 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.

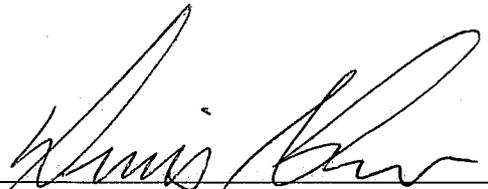
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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

9-16-96

Date of Issuance

GLS/bb/63482.ltr

cc: Carbon County Planning Office, P.O Box 487, Rawlins, WY 82301

STATEMENT OF BASIS

I. General information.

A. Permit Number: 96-386

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 III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

N/A

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

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

N/A

VII. Documentation of Statement of Basis.

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

CERTIFICATION

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

GLS/bb/63482.ltr

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 96-387
SPECIAL CONDITIONS

Tatman Septic Tank and Leach Field

This permit hereby authorizes the applicant:

Tatman, Inc.
P.O. Box 1396
Craig, Colorado 81626-1396

to construct a residential septic tank and leach field according to the procedures and conditions of the application number 96-387. The facility is located in the SE/4 of Sec. 5, T51N, R96W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

The issuance of this permit does not convey any property rights in either real or personal property or any 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

9/16/96

Date of Issuance

MDR/bb/63449.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 96-387

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

IV. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Michael D. Roberts, P.E., Northwest District Engineer, and completed on 9 September 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. 96-388
SPECIAL CONDITIONS

Cokeville Sewer Lagoon Lift Station

This permit hereby authorizes the applicant:

Town of Cokeville
P.O. Box 99
110 Pine Street
Cokeville, WY 83114

to construct a new wastewater pump station with backup engine power source according to the procedures and conditions of the application number 96-388. The facility is located in ¼ SW S6 T119W R24N in the county of Lincoln, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

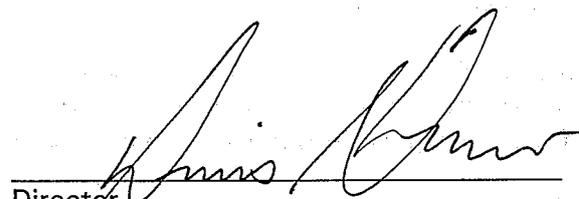
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

1. of 5 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 5 The applicant will provide immediate oral and/or written notice to Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 5 An Operations and Maintenance Manual is to be approved by the DEQ/WQD prior to placing the station into operation.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

10-7-96
Date of Issuance

RRT:ks 63775.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 96-388

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

Not Applicable

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Not Applicable

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

Not Applicable

VII. Documentation of Statement of Basis.

¹Sediment 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 Randall Taylor, S.W. District Engineering Supervisor, and completed on 02 October 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."



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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March 31, 1997

Town of Wheatland
c/o City Clerk, Gene Hayes
600 9th Street
Wheatland, Wyoming 82201

RE: Permit Reporting Requirements for Permit Number - 96-389

Dear Mr. Hayes:

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 71103.LTR

Enclosure: Permit Referenced Above

cc: Russell D. Schamel, Kennedy Engineering, 608 9th St., Ste 4,
P.O. Box 1089, Wheatland, Wyoming 82201

PERMIT TO CONSTRUCT

New
Renewal
 Modified

PERMIT NO. 96-389
SPECIAL CONDITIONS
REF/PERMIT #

Wheatland 12th Street Water and Sewer Replacement

This permit hereby authorizes the applicant:

Town of Wheatland
c/o City Clerk, Gene Hayes
600 9th Street
Wheatland, Wyoming 82201

to construct, and modify 8" water main replacements and 8" sanitary sewer main replacements according to the procedures and conditions of the application number 96-389. The facility is located in the SW 1/4 and NW 1/4 of Section 12, T24N, 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 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.

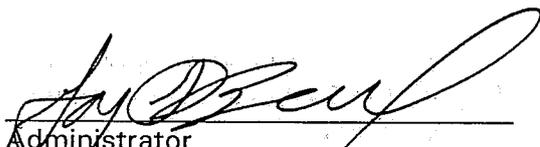
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

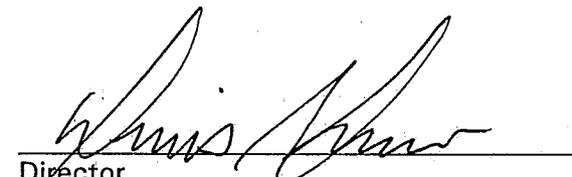
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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

4-8-97

Date of Issuance

RLE/mad 71107.LTR

cc:

STATEMENT OF BASIS

General information.

A. Permit Number: 96-389

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 III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NOT Applicable

VI. Deleted

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Ronald L. Ewald, Senior Analyst, and completed on March 29, 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

¹Sediment 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: Wheatland - Water and Sewer Replacement on 12th Street

ENGINEER: Russell D. Schamel
Kennedy Engineering
608 9th Street, Ste 4
P.O. Box 1089
Wheatland, Wyoming 82201

APPLICANT: Town of Wheatland
c/o City Clerk, Gene Hayes
600 9th Street
Wheatland, Wyoming 82201

WATER QUALITY DIVISION REFERENCE NUMBER: 96-389

REVIEWING ENGINEER: Ronald L. Ewald *RLE*

DATE OF REVIEW: September 12, 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. Engineering Design Report (EDR) Required - An EDR is required to be submitted with each application (Chapter XI, Section 6 and Chapter XII, Section 6). No EDR was included with this application. The EDR should describe the purpose and scope of the project, existing conditions and problems, proposed solutions, technical justifications and calculations as needed, and so on.

2. Profile Views Incomplete - Both the water and sewer profile views are incomplete. The water line profiles do not show the locations of Tee's, valves, sewer crossings, or stationing information. The sewer profiles are missing the locations of water line crossings. Additionally, both profiles should clearly show in detail the secondary protection, ie. - sleeving or otherwise, at these water/sewer crossings.
3. Water System Pressure Analysis Required - A pressure analysis of the system must be performed. Chapter XII, Section 14(b)(i) requires that the system be able to maintain a minimum pressure of 20 psi under all flow conditions. The worst case would be with fire flows from several of the hydrants at the same time. Additionally, a "normal working pressure" of at least 35 psi needs to be demonstrated.
4. Sewer Crossing Under a Waterway - Between High Street and Water Street the sewer line is shown crossing under the No. 2 Canal. The details shown for this crossing do not meet the requirements of Chapter XI, Section 9(e)(iii) for stream crossings. The crossing is not within 10 degrees of perpendicular, and the pipe materials shall be steel, cast iron, or ductile iron pipe.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 96-390
SPECIAL CONDITIONS

OCI of Wyoming, L.P., Lagoon

This permit hereby authorizes the applicant:

OCI Wyoming, L.P.
P.O. Box 513
Green River, WY 82935

to construct a wastewater lagoon system according to the procedures and conditions of the application number 96-390. The facility is located in NE ¼ S15 T20N R109W 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.

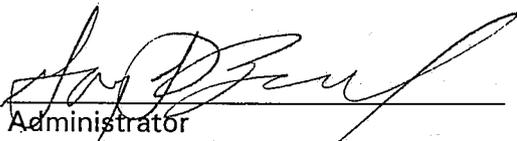
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit.

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 5 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 5 The applicant will provide immediate oral and/or written notice to Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 5 An O&M manual is required to be approved prior to placing the project into operation.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

10-31-96
Date of Issuance

RRT:ks
64082.ltr

cc: Sweetwater Co. Environmental Health; 205 E Railroad Ave.; Green River, WY 82935

STATEMENT OF BASIS

General information.

A. Permit Number: 96-390

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

Not Applicable

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹.

Applicable

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

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

The primary cell will be sealed with a low permeability compacted clay liner. Additionally, any seepage will be captured by the existing groundwater pumpback system that returns groundwater flows to the process water pond.

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

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

The wastewater is highly diluted with shower water. Test have shown a mean BOD of 55 mg/l and a maximum of 95 mg/l. Field permeability and lab test of the clay layer underlining the lagoon cells showed permeabilities that ranged from 3×10^{-7} to 1×10^{-8} cm/s. The primary cell interior will be compacted to gain a permeability that was lab tested (remolded and compacted to 95% standard Proctor density near optimum moisture) at 1.5×10^{-8} cm/s (actual field permeabilities would be expected to be somewhat less than lab).

The primary cell has a detention time of about 100 days of the diluted wastewater. Therefore a wastewater of reasonable quality will overflow to the secondary cell. The secondary cell is underlain by the naturally occurring low permeability clay. This cell will not be compacted in the bottom to allow some minor percolation to occur. The detention time for this cell is in excess of one year, and overflow from it should be of good quality.

The third cell is a shallow overflow/evaporation cell and water could be percolated from this cell, because of the level of treatment, but the underlying clay will restrict seepage and the cell has been sized on the basis of evaporation.

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

See "B." above.

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

Not Applicable

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

Not Applicable

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

Not Applicable

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

No specific monitoring is required for this pond, however an extensive groundwater monitoring system is in place for the seepage from the process water pond that flows through this area.

PERMIT NO. 96-390

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Randall Taylor, S.W. District Supervisor, and completed on 25 October 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."

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
(XX) Modified

Permit Number: UIC 96-391
Reference old permit: 93-128
82-198
84-340
84-491
89-520

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
P.O. Box 829
Evanston, Wyoming 82930
(307) 783-2157

is authorized to operate the Whitney Canyon Gas Plant, Disposal Wells #1 and #2 located respectively in the $1/4$ SE $1/4$ Section 18, T17N, R119W and in the SE $1/4$ NE $1/4$ Section 20, T17N, R119W, of the 6th Principal Meridian, both in Uinta County; according to the procedures and conditions of applications 96-391, 93-128, 82-198, 84-340, 84-491 and requirements and other conditions of this permit as contained in pages 1 through 14.

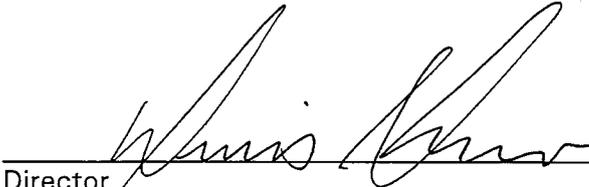
This permit shall become effective on date of issuance.



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

10/28/96

Date



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

10-28-96

Date

A. Discharge Zone

Injection is authorized into the Nugget Formation through perforations at 6,178 through 6,320 feet in Well #1 and through perforations at 11,926 through 12,728 in Well #2. Injection into any other interval is prohibited, unless following a request by the permittee, written approval is granted by the Administrator authorizing injection through additional perforations within the Nugget Formation.

The packer set on the bottom of the tubing shall be set with in 500 feet of the top of the authorized discharge zone.

B. Area of Review

The wells authorized by this permit is/are located in:

Township 17 North, Range 119 West, 6th Principal Meridian

Section 18: NW $\frac{1}{4}$ SE $\frac{1}{4}$

Section 20: SE $\frac{1}{4}$ NE $\frac{1}{4}$

The Area of Review around these wells is legally described as:

Township 17 North, Range 119 West, 6th Principal Meridian

Section 17: W $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$

Section 18: SE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$

Section 20: NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

Section 21: W $\frac{1}{2}$ NW $\frac{1}{4}$

The above Area of Review is a fixed Area of Review under Chapter XIII of the Water Quality Division Rules and Regulations. Calculations of the radius of fillup and the area of endangering influence both show radii smaller than the minimum required 1/4 mile.

C. Groundwater Classification

The water in the Nugget Formation is classified as class VI under Chapter VIII of Wyoming Water Quality Rules and Regulations (April 9, 1980.) This classification was made because:

1. It contains in excess of 29,000 mg/l in Total Dissolved Solids;
2. It is located at such a depth as to make its development economically and technically impractical as a water source;
3. The Nugget Formation is likely to contain hydrogen sulfide gas at levels high enough to make its use impossible;
4. The Nugget Formation has been used for disposal of industrial waste since 1982.

D. Authorized Operations

The permittee is authorized to inject into either of the two wells covered under this permit industrial wastes consisting of waste from the raw water treatment plant, boiler blowdown, condensate wash water, Diethanolamine (DEA) and Triethylene Glycol (TEG) solutions, produced water from oil and gas

production, wastewater from groundwater remediation, plant wastewater, and water from the miscellaneous sources on the Wasatch Gathering System are also authorized for injection.

The Standard Industrial Classification codes for this waste is SIC 13.

The wastewater stream will include:

1. Raw water treatment waste from regeneration of softeners and dealkalizers containing over 3,000 pounds per day of sodium chloride;
2. Boiler blowdown with a Total Dissolved Solids content of approximately 1,500 mg/l;
3. Condensate wash water;
4. Diethanolamine (DEA) is used to sweeten the gas stream incoming to the plant. DEA will become a part of the injection stream at a rate of approximately 10 gallons per day;
5. Triethylene Glycol (TEG) is used for gas dehydration and some will carry over into the injection stream. Approximately 1 gallon per day of TEG will be injected;
6. Produced water from the Whitney Canyon Field, the Wasatch Gathering System, the Yellow Creek and Cave Creek fields, the Painter Canyon NGL/NRU, and Amoco's Moxa Arch operations;
7. Plant wastewater and washdown water from the Whitney Canyon Gas Plant, the Wasatch Gathering System, the Painter Canyon NGL/NRU, and Amoco's Moxa Arch operations;
8. Wastewater produced by the Whitney Canyon groundwater remediation system. This system is a pumping system which removes contaminated groundwater from the vicinity of a condensate spill in the field. This groundwater is contaminated with Benzene;
9. Non-hazardous water from the Wasatch Gathering System and all wells producing into that system. Anticipated water production from the entire Wasatch Gathering System will be approximately 2,000 BPD. This volume of water, all of which is non-hazardous under the RCRA definition contained in Chapter 2, Section 1(c), Wyoming Hazardous Waste Rules and Regulations, will be from the following sources: produced water from the Yellow Creek and Cave Creek fields, and plant wastewater from the UPRC separation facility. The system will bring gas, condensate and water from wells owned by Union Pacific Resources Company to the Whitney Canyon Gas Plant for processing.
10. The permittee is authorized to dispose of other industrial wastes in either or both of these wells provided that these wastes are not hazardous waste under the RCRA definition contained in Chapter 2, Section 1(c), Wyoming Hazardous Waste Rules and Regulations. Prior to disposal of other wastes not named in this permit, the permittee shall run the proper analyses to establish that such waste is not characteristic hazardous waste and shall submit those analyses to the Water Quality Division for approval of the disposal. Disposal shall not take place until approval has been granted by the Water Quality Division. Disposal of any hazardous waste in either or both of these wells is a violation of this permit and shall be reported as required by section K of this permit;
11. Nothing in the above paragraphs is intended to preclude the operator from doing controlled acidizing jobs as may be required on these wells from time to time. The permittee need not

obtain advance approval to conduct an acidizing job under this paragraph, but shall report these jobs on the first quarterly report following the job.

Analyses of the discharge water over past years of operation has been reported as follows:

TABLE 1: REPORTED QUALITY OF THE EFFLUENT

PARAMETER	QUARTERLY AVERAGE VALUE IN mg/l		AVERAGE OF ALL SAMPLES
	LOWEST REPORTED	HIGHEST REPORTED	
Silver (Ag)	<.001	1.000	.019
Arsenic (As)	<.001	1.536	.093
Boron (B)	<.150	44.000	9.273
Barium (Ba)	<.100	4.210	.381
Calcium (Ca)	84.000	492.000	356.000
Cadmium (Cd)	<.001	.056	.004
Chloride (Cl)	263.000	14,950.000	5,422.403
Chromium (Cr)	<.001	.120	.025
Copper (Cu)	<.010	.140	.045
Diethanolamine (DEA)	<.010	130.500	23.871
Fluoride (F)	1.010	8.450	2.030
Iron (Fe)	.240	58.500	2.716
Hydrogen Sulfide (H ₂ S)	.150	3,240.000	368.476
Manganese (Mn)	.070	1.450	.285
Sodium (Na)	41.500	10,708.000	3,241.460
Ammonia as N	<.010	380.000	40.592
Nickel (Ni)	<.010	.700	.037
Nitrate as N	<.100	13.000	.753
Nitrite as N	<.010	.670	.240
Hydroxide (OH)	<.010	336.000	7.121
Lead (Pb)	<.001	.650	.033
Selenium (Se)	<.001	.021	<.001
Sulfate (SO ₄)	<10.000	2,760.000	417.016
Total Dissolved Solids (TDS)	284.000	35,000.000	11,995.338
Triethylene Glycol (TEG)	.350	2,327.000	98.538

The above table is for information only and does not set any limitation on the quality of the effluent to be injected. Table 2, found in Section H of this permit sets limitations on the quality of groundwater in the vicinity of this injection. Table 3, found in Section I of this permit sets limitations on the quality of the effluent.

The maximum injection pressure in Well #1 is limited to 1,900 psi as measured at the wellhead. The maximum injection pressure in Well #2 is limited to 3,800 psi as measured at the wellhead. Exceedance of either of these pressures is a violation of this permit and shall be reported as required in section K of this permit.

The total amount of all classes of waste which may be disposed of is 2,880 barrels per day in Well #1 and 6,400 barrels per day in Well #2 and a total of 6,400 barrels per day in both wells together. There is no limit on the individual streams which make up the total of 6,400 barrels per day, so long as that total is not exceeded.

The permittee shall apply a pressure of more than 200 psig and less than 1000 psig to the annulus between the tubing and the long string casing of both wells and hold this pressure continuously during the life of this permit. The annulus shall be equipped with either high/low pressure kill switches or alarms that will signal the operator if the annulus pressure increases above a set point or decreases below a set point. The set points shall be approved initially by the Water Quality Division and may be changed under this permit with prior Water Quality Division approval.

If at any time, the maximum injection pressure or volume is exceeded or any of the parameters listed on Table 2 or Table 3 below are exceeded, the permittee shall report this occurrence in conformity to section K of this permit. Exceedance of any of these controls is a violation of this permit.

The permittee has conducted step injection tests on both of these wells 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 this permit.

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

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.

H. Environmental Monitoring Program for Groundwaters of the State

The permittee shall furnish any information necessary to establish a monitoring program pursuant to Section 13 of Chapter XIII.

A monitoring program is required to establish baseline water quality of the receiving formation and to insure knowledge of migration and behavior of the discharge. The permittee is required to provide detailed information concerning the quality of the groundwater in the vicinity of this injection well as follows:

The Amoco Whitney Canyon Gas Plant Water Wells #1 (State Engineer Permit U.W. 51252), in the NE¼NE¼ of Section 18, T17N, R119W; and #2 (State Engineer Permit U.W. 51253), in the SE¼NE¼ of Section 18, T17N, R119W shall be sampled twice a year for the following list of parameters:

TABLE 2: LIMITATIONS ON THE QUALITY OF GROUNDWATER

WELL NAME NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT OR (UCL)*
Water Well #1 (U.W. 51252), Water Well #2 (U.W. 51253)	twice a year	EPA Method 200.7	Arsenic	0.050
		EPA Method 624	Benzene	0.005
		EPA Method 200.7	Boron	.750
		EPA Method 624	Ethylbenzene	.700
		EPA Method 150.1	pH	>4.5; <9.0

*All chemical parameters listed in this permit are expressed in mg/l unless otherwise shown and pH is always expressed in standard units. The results of the above analyses shall be reported on the quarterly report covering the period when the analyses were taken.

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.

I. Requirements for Monitoring the Discharge

The permittee shall monitor the injection pressure continuously and record those readings on a strip chart recorder, a circular chart recorder, or digitally by computer interface with the pressure transducer on the well. The injection volume shall be monitored continuously and recorded on a strip chart recorder, a circular chart recorder, or digitally by computer interface with the meter installed on the flowline. The total injection volume shall be reported for each month of operation on each quarterly report along with the accumulated volume injected since the start of injection.

The permittee is limited to certain levels of chemicals in the injection stream. The following table shows a list of the maximum concentrations allowable in the injection stream. Exceedance of any of these parameters is a violation of this permit and shall be reported as required in section K of this permit.

TABLE 3: QUALITY LIMITATIONS ON THE EFFLUENT

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT OR (UCL)*
Quarterly	EPA Method 200.7	Arsenic	5.0
	EPA Method 200.7	Boron	75.0
	EPA Method 150.1	pH	> 2.0 s.u
		pH	< 11.0 s.u
	EPA Method 624	Benzene	50.0
		Ethylbenzene	75.0
	EPA Method 376.1	Hydrogen Sulfide	No Limit

*All chemical parameters listed in this permit are expressed in mg/l unless otherwise shown and pH is 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.

The permittee has been analyzing samples on a monthly basis and averaging these results on a quarterly report. The permittee is free to continue this sampling protocol or the permittee may elect to sample once a quarter. In either case, an approved sampling and analytical procedure must be adhered to and holding times shall be met for the procedure being used.

The permittee may propose the alternate methods to be used to analyze these parameters by EPA method number or other equivalent specification number. The Water Quality Division shall review and approve these methods for analyses prior to monitoring the discharge. Once approved, the method of analyses shall not be changed without prior approval by the Water Quality Division.

The permittee shall shut the one of the wells covered by this permit in annually for a period of time long enough to observe a valid pressure falloff curve. This test shall be considered complete when the pressure curve becomes asymptotic to a straight line on the Miller-Dyes-Hutchinson (MDH) plot. 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. Each year, the well tested under this provision shall be a different well from the well tested in the previous year.

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.

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.

Confirmed noncompliance resulting in the migration of injected fluid into any zone outside the permitted receiver shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time 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.

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.

The permittee shall notify the administrator thirty (30) days in advance of any planned alteration, conversion or abandonment of the wells covered by this permit.

The quarterly report of operations for these wells shall include the following information:

- a. The minimum, average and maximum daily injection rate for each of the wells, for each month of the quarter. The page showing the maximum injection rate shall also show the maximum permitted injection rate for comparison.
- b. The minimum, average, and maximum daily injection pressure for each of the two wells for each month of the quarter. The page showing the maximum injection pressure shall also show the maximum permitted injection pressure for comparison.
- c. The total injection volume in barrels for each month of the quarter, the total for the quarter, the total cumulative injected to date all for each well separately.
- d. The maximum and minimum annulus pressure for each month of the quarter for each well separately.
- e. Any permit exceedances within the quarter.
- f. Any tests run during the quarter. This includes, but is not limited to, the results on any Mechanical Integrity Tests, Pressure Falloff Tests, Step Injection Tests, or any well workovers.
- g. The analytical results for sampling for the injected water and any groundwater sampling results required under Sections I or H.
- h. Quarterly reports are due in the Cheyenne office of the Water Quality Division no later than 30 days after the end of each calendar quarter.

The annual report of operations on these wells shall be filed at the time when the fourth quarterly report is due and shall include the fourth quarterly report and the following additional information:

- a. A graphical representation of the injection pressure and volume for over time the previous five year's operation. This graph shall have the dates of the year on the abscissa and the pressure and volume as the ordinate.
- b. Graphical representations of the quality of the injected water over time. These graphs shall show the injected quality for the previous five year's operation and shall be prepared on appropriate scales to show the variation.
- c. For any well required to be monitored under Section H, a graphical representation is required for the concentration of each monitored parameter over time.
- d. Monitoring results shall be reported in the annual reports unless otherwise specified.

L. Permit Actions

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.

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.

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.

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 this permit;
2. Obtaining a permit by misrepresentation of facts in the application; or
3. 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

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.

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 2,500 psig on the annulus for 15 minutes.

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 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. The permittee shall use these methods to determine the absence of fluid movement or an alternative method with prior approval of the Water Quality Division.

The latest mechanical integrity tests were run on Well #1 on March 25, 1995. The latest mechanical integrity tests were run on Well #2 on March 24, 1995. The next required tests are due on or before March 25, 2000 for well #1 and March 24, 2000 for Well #2.

Well #1 is completed to the following specifications:

PBTD: 6,633

CASING: 9-5/8" 36# K-55 ST&C set at 1,517 feet; 7" 23# L-80, SS-95, K-55 set at 6,717 feet

TUBING: 3-1/2" 9.2# L-80 set at 6,120 feet on a Permanent Baker Model FB-1 wireline set at 6,110 feet by explosive charge.

CEMENTING: Top of cement at 3,800 feet on the 7"

Well #2 is completed to the following specifications:

TD: 16,434

PBTD: 13,055

CASING: 30" conductor pipe set at 101 feet; 13-3/8" 72# S-80 ST&C set at 2,507 feet; 9-5/8" 47 and 53.5# SS-95, LT&C set at 6,873 feet; 9-5/8" 62.8 # S-95 & S-105 LT&C and Butt 6,873 feet to 10,195 feet; 7" liner 32# SS-95 LT&C 9,753 to 13,755 feet; 5" liner 18# L-80 FL-4S 13,055 to 16,434 feet

TUBING: 3-1/2" set on permanent packer at 11,800 feet

Resetting any packer more than 100 feet from the above locations in the well is a violation of this permit unless written approval is obtained from the Water Quality Division prior to such workover. 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

The permittee shall notify the administrator at such times as the permit requires before conversion or abandonment of the well.

Within thirty (30) days after plugging and abandonment of the wells covered by this permit, the permittee shall submit a plugging and abandonment report, detailing the compliance abandonment procedures outlined in the original permit application, and describing any deviation from the original plan. The abandonment plan shall include reclamation of the well location.

At a minimum, each of these wells shall be cemented by setting a cement retainer above the top perforation and injecting a minimum of 500 sacks of cement. After the tubing has been displaced with water and removed, a minimum of 200 sacks of cement shall be spotted on top of the cement retainer. The casing shall be filled with natural bentonite mud meeting the requirements of 35-11-404 of the Environmental Quality Act and Land Quality Division Rules and Regulations, Chapter 15.

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 welded to this flange.

In no case shall the abandonment procedure used be less than that required by the Wyoming Oil and Gas Conservation Commission for abandoned gas wells in the Whitney Canyon Field at the time of abandonment.

O. Duties of the Permittee

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 alternation or addition.

The permittee shall furnish to the Administrator within a reasonable time, any information which the Administrator may request to determine whether cause exists for modifying, revoking, or reissuing, or

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

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

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.

Monitoring results shall be reported at the intervals specified elsewhere in this permit.

P. Financial Responsibility

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 wells covered by this permit.

Amoco Production Company (USA) has submitted the required proof of financial responsibility in the form of three years annual reports for the corporations showing that it has sufficient resources to plug and abandon this well.

Q. Special Conditions

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).

No industrial waste from any other site shall be stored for more than 60 days at the Whitney Canyon Plant pending acceptance for injection into this system.

The permittee shall erect a sign in the building housing the injection plant and inside each well house notifying employees of certain key permit requirements. This sign shall have the following wording:

"THESE INJECTION WELLS ARE COVERED BY AN UNDERGROUND INJECTION CONTROL PERMIT ISSUED BY THE WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY, WATER QUALITY DIVISION. INJECTION PRESSURE MAY NOT EXCEED 1,900 PSI IN WELL #1 OR 3,800 PSI IN WELL #2. INJECTION VOLUME MAY NOT EXCEED 2,880 BARRELS PER DAY IN WELL #1 OR 6,400 BARRELS PER DAY IN BOTH WELLS TOGETHER. THE ANNULUS PRESSURE SHALL NOT EXCEED 1000 PSI IN EITHER WELL AND SHALL BE MAINTAINED AT A LEVEL OF AT LEAST 100 PSI IN BOTH WELLS. IF ANY OF THESE CONDITIONS EXIST NOTIFY THE PLANT MANAGER IMMEDIATELY. THESE ARE REPORTABLE EVENTS AND SHOULD ALSO BE REPORTED TO DEQ/WQD AT 777-7095."

The wording on the sign shall be a minimum of 1" high and the sign itself shall be constructed in a professional manner on steel or fiberglass sheet. This sign shall be maintained in good condition at all times.

PERMITS 83-128, 82-198, 84-340, 84-481 AND 89-520 ARE ALL SUPERSEDED BY THIS PERMIT.

R. Signatories Requirement

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

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

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

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

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

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

or

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

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

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

S. Noncompliance

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.

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

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.

The permittee is alone responsible for the operation of the facility covered by this permit. Sale of the facility and subsequent operation of this facility by another is a violation of this permit unless a transfer of this permit has first been accomplished.

U. Property Rights

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

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.

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.

RFL/ks
64062.ltr

THE STATE



OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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October 24, 1996

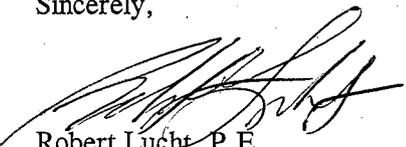
Larry D. Henderson, Environmental Coordinator
Whitney Canyon Operations Center
P.O. Box 829
Evanston, WY 82930

RE: Amoco Whitney Canyon Injection Wells
Application Number: UIC 96-391
Uinta County, Wyoming

Dear Mr. Henderson:

Enclosed please find one copy of the final signed replacement Permit which replaces all previous permits on these two wells. This permit requires only one pressure falloff curve to be run each. The public notice of this action began September 20, 1996 and end October 20, 1996 with no comments received. This permit also removes the requirement to monitor for DEA and TEG and substitutes Benzene and Ethylbenzene for these components. This permit also modifies the language requiring the pressurized annulus to make the language clearly cover the past field practices. Lastly, this permit modifies the permit limitations on the quality of wastewater and groundwater.

Sincerely,


Robert Lucht, P.E.
UIC Program Supervisor
Water Quality Division

RFL:ks 64066.ltr

xc (with all enclosures):

J.N. Jagers, Manager of Operations, Amoco Production Company, 1670 Broadway, P.O. Box 899,
Denver, CO 80201-0800
Dan Jackson, USEPA P2-W-GW, 999 18th Street, Denver, CO 80202-2405
Janie Nelson, Wyoming Oil and Gas Conservation Commission, P.O. Box 2640, Casper, WY 82602



Amoco Production Company
Whitney Canyon O.C.
P.O. Box 829
Evanston, Wyoming 82931

September 4, 1996

Robert Lucht
UIC Program Supervisor
Department of Environmental Quality
Water Quality Division
Herschler Building
122 West 25th Street
Cheyenne, Wyoming 82002

RECEIVED

SEP 11 1996

**WATER QUALITY DIVISION
WYOMING**

REF. The Whitney Canyon Gas Plant, Disposal Wells #1 & #2 located respectively in the NW1/4 SE 1/4 Section 18, T17N, R119W and in the SE 1/4 NE 1/4 Section 20, T17N, R119W, Uinta County, Wy. Permit # 89-520 (REF. 82-198, 84-340, 84-491) UIC Class 1-I.

Mr. Lucht

Amoco Production Company would like to request that Permit #89-520, Requirement O, be modified to allow Amoco to perform the pressure fall off test on each of the above UIC Class 1 disposal wells every other year. This would allow Amoco to do a pressure fall off test on #1 well in 1996 and #2 well in 1997 and continue with this schedule for the remaining life of the disposal wells or until any abnormal pressure volumes are recorded during the year and the Administrator feels that a fall off test is required.

The Whitney Canyon Disposal Wells #1 and #2 inject into the Nugget Formation and the Nugget Formation is classified as a class VI water under Chapter VIII of the Water Quality Division Rules and Regulations.

Amoco would also like to request that the analytical requirements which is listed in Section F, Item 4 and Section G, be modified to where we are not required to test for Diethanolamine and Triethylene Glycol. As you know, both streams are E&P Exempt waste streams per 40 CFR 261-4 (b) (5). There are very small amounts of both streams in our injection fluids and both streams are generated through our gas process system. It is also getting very difficult to find a laboratory that will test for DEA and TEG.

If you should have any questions, please contact me at our Evanston office, telephone number, 307-783-2157.

Sincerely,

Larry Henderson
Field Environmental Coordinator

cc: Jeff Hohle
Bill Murphy
Tim Blackburn

LAND APPLICATION PERMIT

X New
Renewal
Modified

PERMIT NO. 96-392
SPECIAL CONDITIONS
REF/PERMIT #

Little Snake River Valley School Road Application

This permit hereby authorizes the applicant:

Carbon County School District #1
P.O. Box 160
Rawlins, WY 82301

to land apply contaminated soil from an UST project according to the procedures and conditions of the application number 96-392. The application site is located in Section 5, T12N, R91W in the county of Carbon, in the State of Wyoming. This permit shall be effective until November 1, 1996.

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

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

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

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

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

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

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

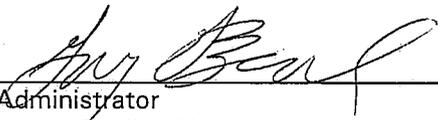
- 1 of 5 The permittee shall notify representatives from the DEQ/WQD Southeast District Office, Herschler Bldg 4W, 122W 25th Street, Cheyenne, WY 82002 of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: Southeast District.
- 2 of 5 The permittee shall provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications to the approved permit package.
- 3 of 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.

- a. Date that the land application was completed; and
- b. Certification the land application was done in accordance with the terms and conditions of the permit; or
- c. Certification the land application was completed with changes or modifications. Submit the information necessary to clearly indicate the land application as actually performed. This information shall include a contour map depicting only those sections that actually received contaminated soil.

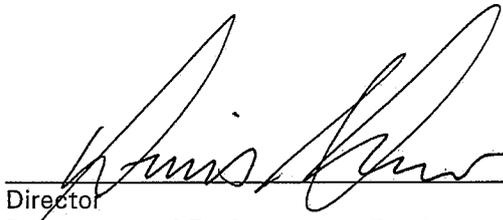
4 of 5 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.

5 of 5 Contaminated Soil application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs. The contaminated soil shall not be applied to frozen or saturated ground.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

9-20-96

Date of Issuance

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-392
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- No
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- There are no numeric standards or criteria in Chapter XI for road application. W.S. 35-11-301 (a)(iii) requires a permit to be issued when any disposal system capable of causing or contributing to pollution is constructed, installed, modified, or operated.
- B. Briefly state the basis for the deviation.
- Road application is permitted when DEO authorized disposal facilities are not readily available, a beneficial use of the waste to be applied is possible, and significant impact to waters of the State is minimized.
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
- District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (8/91), 10.4 (10/24/91), and 10.6 (1/18/91) address the statutory authority to regulate the road application of waste, establish the criteria for characterizing the waste, and determine acceptable conditions for the application of the waste to roadbeds to minimize impact to waters of the State.
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- Applicable

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

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

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the contaminated soil onto the roadbed. Repeated applications of contaminated soil on the same sections of roadbed will be monitored by roadbed analyses.

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

CERTIFICATION

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

New
Renewal
Modified

PERMIT NO. 96-393
SPECIAL CONDITIONS
REF/PERMIT #

Dillard's Department Store - Water & Sanitary Sewer Services

This permit hereby authorizes the applicant:

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

to construct service lines for the above referenced facility according to the procedures and conditions of the application number 96-393. The facility is located in SW 1/4 Section 20, 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.

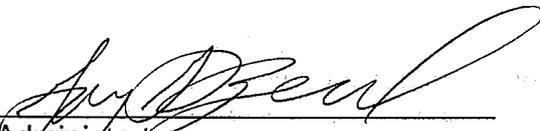
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 5 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 5 The domestic water service line to the facility shall be protected by an appropriate cross connection control device that is University of Southern California approved.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

9/16/96

Date of Issuance

STATEMENT OF BASIS

General information.

A. Permit Number: 96-393

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 III¹. (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

¹Sediment 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 September 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

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 96-394
SPECIAL CONDITIONS
REF/PERMIT #

UPRR/Snyder Avenue - 12 Inch Water Main Rehabilitation

This permit hereby authorizes the applicant:

Cheyenne - BOPU
2100 Pioneer Avenue
Cheyenne, Wyoming 82001

to construct, install or modify a section of water main according to the procedures and conditions of the application number 96-394. The facility is located in the NW 1/4 of Section 36, T13N, R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

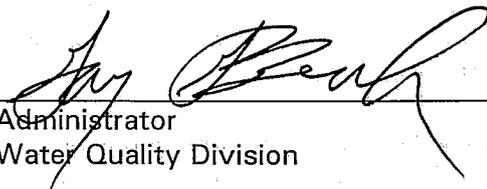
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

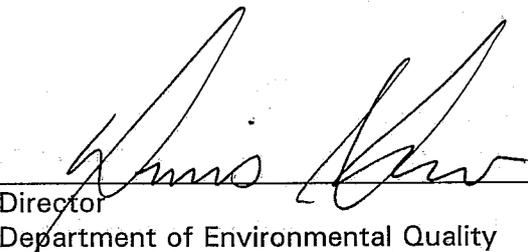
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

10-7-96
Date of Issuance

RLE:ks
63769.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 96-394

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

A. Chapter XI. No

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

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

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

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

NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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 October 2, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

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

LAND APPLICATION PERMIT

X New
Renewal
Modified

PERMIT NO. 96-395
SPECIAL CONDITIONS
Reference Complaint 94-02-09-1339

STONE ROAD APPLICATION

This permit hereby authorizes the applicant:

Michael Stone
3051 Ridge Crest
Gillette, WY 82718

to land apply waste crude oil and sludge according to the procedures and conditions of the application number 96-395. The facility is located in the NE/4 of the SE/4 of Section 8 of Township 50 North Range 72 West in the county of Campbell, in the State of Wyoming. This permit shall be effective until November 1, 1996.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable 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.

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 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 9 The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD Northeast Office, 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307)672-6457, FAX (307)674-6050.
- 2 of 9 The permittee shall 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 to the approved permit package.
- 3 of 9 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Northeast District Office on the attached Certification of Completion form.
- 4 of 9 The permittee shall submit a contour map depicting only those sections of road that actually received waste crude oil and sludge within sixty (60) days of the project completion to the Northeast District Office.
- 5 of 9 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 6 of 9 Waste crude oil and sludge shall be applied uniformly. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist.
- 7 of 9 The application site slope shall not exceed eight percent (8%) for vehicular application.
- 8 of 9 Waste crude oil and sludge application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 9 of 9 Any waste crude oil and sludge application after November 1 must be re-permitted.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

9-30-96

Date of Issuance

DRM/pr/ks 63499.ltr

Enclosures: Post Card
Certificate of Completion Form
Statement of Basis

xc: NE District Campbell County Road Application File

STATEMENT OF BASIS

General information.

A. Permit Number: 96-395

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

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

No

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

No

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

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

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

B. Briefly state the basis for the deviation.

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

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

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

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable

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

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the waste crude oil and sludge onto the roadbed.

- 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, NE District Engineering Supervisor, and completed on September 14, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

42901.DOC

¹Sediment 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. 96-396
SPECIAL CONDITIONS

Georgia-Pacific Gypsum Plant Septic Tank and Leach Field

This permit hereby authorizes the applicant:

Georgia-Pacific Corporation
P.O. Box 756
Lovell, Wyoming 82431

to construct a septic tank and leach field to service an industrial facility employing 65 personnel according to the procedures and conditions of the application number 96-396. The facility is located in the NW/4 and SW/4 of Sec. 28, T55N, R94W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

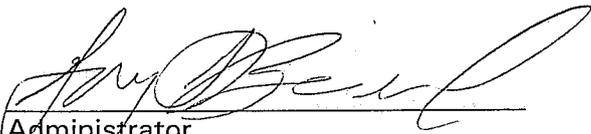
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

9-20-96
Date of Issuance

MDR:ks
63496.ltr

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-396
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Michael D. Roberts, P.E., Northwest District Engineer, and completed on 13 September 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."

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

PROJECT: Sewer Line - Grandview Park, 6th Filing

ENGINEER: Donald M. Hopkins
dm hopkins & assoc.
3313 Birch Place
Cheyenne, Wyoming 82001

APPLICANT: City of Cheyenne - BOPU
P.O. Box 1469
Cheyenne, Wyoming 82003

WATER QUALITY DIVISION REFERENCE NUMBER: 96-397

REVIEWING ENGINEER: Ronald L. Ewald RLE

DATE OF REVIEW: November 27, 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. Water/Sewer Crossing Details Still Not Included - The details of the water/sewer crossing at Taft and Copperville Road, approximately 20 feet to the southeast of manhole 6+07, are not shown on the plans or profile view. Your written response says the water line is 5 feet above the sewer (which would put the water line only about 2.5 feet below the ground surface at this location), yet the plans (lacking in detail) show the water line at only about one (1) foot above the sewer line without any secondary protection. Written explanations are not sufficient. Show the water line in detail on both the plan and profile drawings and provide for secondary protection if the water line is not at least 18 inches above the crown of the sewer line. The details of the water/sewer crossing near manhole 6+07 must be provided before this review can be completed and approved.

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 16, 1996

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

RE: Permit Reporting Requirements for Permit Number - 96-397

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,

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

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

RLE:ks 64684.ltr

Enclosure: Permit Referenced Above

cc: Donald M. Hopkins, dm hopkins & assoc., 3313 Birch Place, Cheyenne, Wyoming 82001

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 96-397
SPECIAL CONDITIONS
REF/PERMIT #

Sewer Line - Grandview Park, 6th Filing

This permit hereby authorizes the applicant:

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

to construct, install or modify a sewer main according to the procedures and conditions of the application number 96-397. The facility is located in 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.

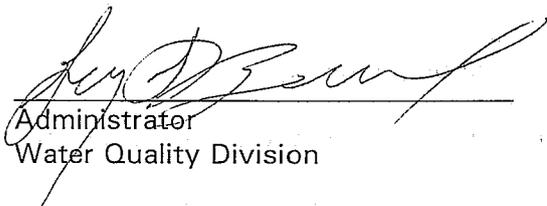
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit.

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.

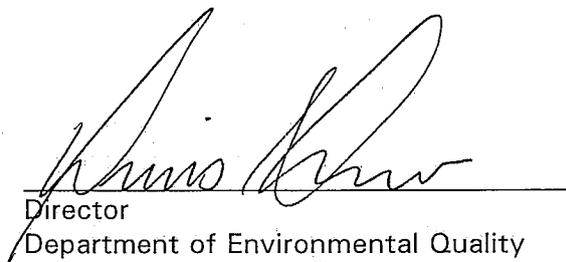
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 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

12-20-96

Date of Issuance

RLE:ks
64685.ltr

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 96-397
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
 - A. Chapter XI. Yes
 - B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
NOT Applicable
 - B. Briefly state the basis for the deviation.
NOT Applicable
 - C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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 16, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

¹Sediment 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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October 9, 1996

Mr. John Wright
90 CES/CEVR
300 Vesle Drive, Suite 600
F. E. Warren Air Force Base, WY 82005-2788

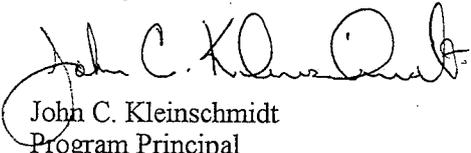
RE: Groundwater Permit Application 96-398, Permit to Construct a Monitor Well at Bldg 6501, F.E. Warren Air Force Base.

Dear Mr. Wright:

The State of Wyoming, Department of Environmental Quality (WDEQ) has completed its review of the Air Force's permit application submitted by its contractor Foothill Consultants for work at Bldg 6501, the base heating plant. Many of the permit conditions listed may be covered by the FEW AFB IRP programs SAP, however, whether this consultant has access to this information is unknown to the agency. Most permit applications are required to contain the information necessary to evaluate the permit to determine if proposed standards and operations are in compliance with applicable regulations. In the spirit of cooperation, the WQD is issuing this permit to allow the construction and monitoring of this well. The Air Force should endeavor to ensure future applications are complete.

Please call me at (307)-777-5623 or Ms. Maggie Davison at (307)-777-7092 to schedule the meeting or to discuss the conditions of the permit.

Sincerely,


John C. Kleinschmidt
Program Principal
Water Quality Division

JCK/mad 63857.LTR

Enclosures

cc: Kevin Frederick w/o enclosure
Maggie Davison w/ enclosure

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 96-398
SPECIAL CONDITIONS

F.E. Warren Air Force Base UST #1 at BLDG 6501

This permit hereby authorizes the applicant:

FEW AFB
Attn: Mike Zak
90 CES/CEV
300 Vesle Dr. Suite 600
Cheyenne, Wyoming 82005-2788

to construct, install or modify a monitor well according to the procedures and conditions of the application number 96-398. The facility is located in NE 1/4 SW 1/4 of Sec. 26, T14N, R67W in the county of **Laramie**, 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: Groundwater Pollution Control Program, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

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

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

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

- I. No monitoring well/piezometer shall be abandoned without prior approval from the Water Quality Division. After the monitoring well(s)/piezometer(s) have fulfilled their 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.
- II. WDEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor well(s)/piezometer(s) and sample collection so that they may be on site if deemed necessary.
- III. The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).
- IV. The results of any other analyses conducted on soil or water removed from these wells/piezometers or boreholes shall be provided to the department as soon as they are available.
- V. ***Environmental Monitoring Program for Groundwater of the State:***
 - A. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity and performed in accordance with WDEQ or EPA approved Standard Procedures or Quality Assurance/Quality Control (QA/QC) Plan.
 - B. The permittee shall maintain records of all monitoring information for a period of at least 3 years.
 - C. Records of monitoring information shall include:
 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. The Mean Sea Level elevation of the water table to the closest .01 ft., and the depth to water (to the closest .01 ft.) from a marked measuring point at the top of casing.
 4. Sampling procedures and sample preservation accomplished;
 5. The date(s) analyses were performed;
 6. Names of individuals who performed the analyses;
 7. The analytical techniques or methods used; and
 8. The results of such analyses.
 9. Following the completion of the site characterization, a schedule will be implemented describing the frequency with which samples of groundwater will be collected from monitor wells for analysis and including the analytes of concern in addition to the schedule for reporting said results to the WDEQ.

VI. **Field Documentation of Design, Construction and Installation of Monitoring Wells:**

A. The following information shall be documented during actual construction and installation of monitoring wells. The information shall be submitted to the Water Quality Division before or at the time of the first monitoring report.

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) to be submitted must indicate all well features with relation to stratigraphic sections.
24. Method of down hole equipment decontamination between wells.

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

VIII. Borehole cuttings must 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. The permit application states and the state reaffirms that all drill contaminants and purge water will be containerized and disposed as required by the Air Force Investigative Derived Waste (IDW) management plan.

IX. The monitoring well/piezometer shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected.

- X. Water which is collected during monitoring well/piezometer development or sampling must be disposed of properly. The permit application states and the state reaffirms that all drill contaminants and purge water will be containerized and disposed as required by the Air Force Investigative Derived Waste (IDW) management plan.
- XI. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor well(s)/piezometer(s) shall be reported immediately to the Division. The wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
- XII. When PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues to hold the casing sections together.
- XIII. In accordance with Section 13(a)(iv) of Chapter III of WDEQ/WQD rules and regulations, the following items relating to monitoring well/piezometer construction contained in Sections 64 - 69 of Part G of Chapter XI of WDEQ/WQD rules and regulations take precedence over permit application content and shall be implemented when the well(s)/piezometer(s) are constructed, installed and developed:
 - A. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter.
 - B. For water table (unconfined) aquifers, the screened interval shall be designed as provided in the permit application
 - C. To minimize the entrance of fine grained material into the monitoring well/piezometer, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval. The filter pack shall extend to a minimum of one half (.5) ft above the screened interval.
 - D. Filter pack, annular seal, and surface seal material shall be entered into the monitoring well/piezometer in a manner such that no voids or bridging occur.
 - E. A minimum two (2) foot thickness as proposed in the application of bentonite or bentonite grout is required at the top of the filter pack to serve as an annular seal. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal.
 - F. The annular space above the bentonite seal to surface will be sealed with neat cement grout, cement as proposed in the application.
 - G. A protective casing shall be cemented into place with the upper one (1) foot of the annular space completed in cement, forming a concrete apron sloping away from the monitoring well/piezometer.
 - H. A top and bottom cap of the same material as the monitoring well/piezometer casing shall be installed to prevent sediment and surface water from entering the monitoring well/piezometer.
- XIV. Prior to sampling, monitoring well(s)/piezometer(s) shall be purged until a minimum of three (3) casing volumes have been removed, or until purged dry, whichever occurs first.
- XV. Sample collection, preservation, transportation and laboratory analytical procedures shall be completed in accordance with WDEQ or EPA approved Standard Procedures or Quality Assurance/Quality Control

(QA/QC) Plan. This sample will be analyzed for TPH for DRO by modified 8015 and VOCs by method 524.2

XVI. Within ninety (90) days of issuance of this permit, or completion of the installation and sampling of monitoring well(s)/piezometer(s) authorized by this permit, the Applicant shall submit to WDEQ/WQD a **Report of Investigation**. At a minimum, the *Report of Investigation* shall contain the following information:

- A. A chronology of events leading up to the investigation.
- B. A site map which illustrates:
 - 1. physical features (i.e. structures, utilities, etc.).
 - 2. monitoring well/piezometer/test pit/borehole locations.
 - 3. locations and use (i.e. domestic, irrigation, stock) of municipal drinking water and private groundwater supply wells existing within one (1) mile of the site.
 - 4. surface waters.
 - 5. existing treatment, recovery and containment systems.
- C. Geohydrologic maps and cross sections that clearly describe the subsurface distribution of geologic materials and elevations of groundwater.
- D. Borehole Installation Diagrams/Lithology Logs for boreholes installed under this permit.
- E. 'As Built' Monitor Well Installation/'Construction Diagrams for monitoring wells/piezometers installed under this permit. See item IX under these conditions.
- F. Depth to water and product thickness measurements to the closest .01 ft..
- G. Sample collection procedures utilized and laboratory analytical results (i.e. lab reports).
- H. A map delineating the extent of the subsurface contamination, including:
 - 1. Location(s) and thickness(es) of contaminated soils.
 - 2. LNAPL (free product) thickness iso-contours.
 - 3. Dissolved (in groundwater) contaminant iso-concentration maps.
- I. A potentiometric surface map illustrating groundwater elevation (Mean Sea Level), gradient, well locations and measurement results.
- J. Using commonly accepted scientific and engineering practices for determination of the environmental fate of contaminants, use site-specific or comparable and reasonable literature data and/or values and provide estimates for the:
 - 1. Travel time (yrs.) of the contaminant plume (in groundwater) to the nearest downgradient property line;
 - 2. Travel time (yrs.) of the contaminant plume (in groundwater) to the nearest downgradient water supply well and occupied dwelling within one (1) mile of the site.

Provide equations, data used, and data sources used. Include lab results as appropriate.

- K. Interpretation of the data and summary conclusions of the investigation results.

L. A recommended **Corrective Action Plan** and schedule for **either**:

1. Development and implementation of additional **Subsurface Investigation** work to further characterize and define sub-surface and contaminant conditions in soil and/or groundwater.

OR

2. Development and implementation of **Corrective Measures** to:

- a. Remove LNAPL (Free-product).
- b. Control the migration of LNAPL (free-product)
- c. Control (contain) the migration of contaminated (dissolved) groundwater.
- d. Restore the quality of groundwater to within Wyoming groundwater quality standards.

OR

3. Development and submittal of a formal request, including a **Statement of Basis** to justify **Project (Site) Closure** or **No Further Action** based upon one or more of the following:

- a. No apparent violation, nor potential for violation, of soil and/or groundwater quality standards;
- b. Technical impracticability of eliminating or reducing any or all pollution.

NOTE: All plans and schedules for implementation of Subsurface Investigations, Corrective Measures and Project (Site) Closure require Department of Environmental Quality, Water Quality Division (WDEQ/WQD) approval prior to their implementation.

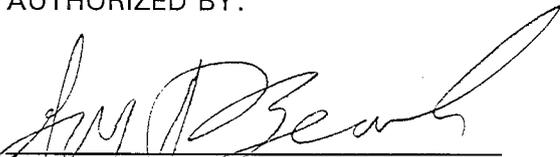
M. **Sampling and Analysis Plan (SAP)** for continued groundwater monitoring and reporting. The SAP shall include:

1. Proposed format for reporting data.
2. Proposed frequency of sampling and/or monitoring events.
3. Proposed frequency of reporting .
4. A site map showing physical features and the location of monitoring wells.
5. Proposed parameters for water sample analyses and lab analytical procedures. The proposed parameters for analyses must include those constituents which are characteristic of the suspected contamination.
6. Description of sampling procedures to be followed, including:
 - a. A description of (or reference to) groundwater sampling equipment to be used.
 - b. Field sampling procedures or QA/QC plan (including decontamination procedures) to be used.
7. Mean Sea Level elevations of the top of the casing/measuring point and depth to water to the closest .01 ft.
8. A potentiometric surface map illustrating groundwater elevation (Mean Sea Level), gradient, well locations and measurement results.

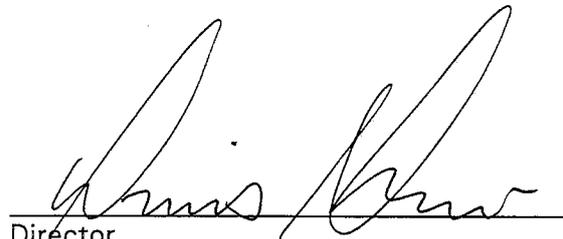
9. From the most recent sampling event, a site map illustrating free product iso-contours and dissolved constituent iso-contours.
10. Time vs. concentration graph illustrating historical change in groundwater monitoring elevations and contaminant concentrations at each monitoring well/piezometer over time for each monitoring and/or sampling event.

XVII. The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of well(s)/piezometer(s) shall be installed to define the nature and extent of the contamination.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

10-11-96

Date of Issuance

JCK/mad 63857.LTR

cc: FEW AFB
Attn: Mike Zak
90 CES/CEV
300 Vesle Dr. Suite 600
Cheyenne, Wyoming 82005-2788

STATEMENT OF BASIS

- I. General information
- A. Permit Number: 96-398
- 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 not 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 regulations.)
- Not Applicable
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable, delete all of Section VI from the Statement of Basis).
- Applicable. This permit is for groundwater investigation to characterize site where groundwater contamination has been confirmed.
- 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:
- Not Applicable

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

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

Not Applicable

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

Not Applicable

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

Not Applicable

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

Not Applicable

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

Not Applicable

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

This application is for the construction of a monitor well to be used to characterize contamination at a site formerly used as an UST for Bldg 6501 at FEW AFB. The UST that was removed was in good condition and no holes were observed in the tank. Soil from beneath and around the tank was not stained but did exhibit a petroleum hydrocarbon odor.

Photoionization detector (PID) readings of soil vapors from soil beneath the removal excavation were at background. Groundwater having a petroleum hydrocarbon sheen was encountered in the removal excavation at a depth of 8.5 feet below the ground surface.

Four samples of soil from the Tank No. 1 removal excavation were collected and sent to an approved laboratory for analysis. The laboratory report indicates that the petroleum hydrocarbon concentration in the soil at the Tank No. 1 tank location is below the amount allowed by federal and state regulations. The soil was also analyzed for total arsenic, barium, and chromium. The levels of arsenic and chromium were found to be insignificant. The TOTAL barium content of the soil ranged from 75.8 to 128.4 mg/kg (ppm) which is below the regulatory limit.

A sample of the groundwater found in the Tank No. 1 removal excavation was submitted to an approved laboratory for analysis. The laboratory reported BTEX concentrations below the allowable limits. The diesel range petroleum hydrocarbon concentration in the groundwater was reported as 959,453 mg/L (ppm). The allowable limit for TPH (diesel) in groundwater is 10 mg/L (ppm). A photocopy of the laboratory report for the soil and groundwater samples is enclosed.

The list of contaminants for which continued monitoring will be conducted and the frequency for sample collection will be determined following the site characterization effort.

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 John C. Kleinshmidt, Senior Analyst, Groundwater Pollution Control Program, and completed on September 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".

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

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

PROJECT: **Site Characterization: Groundwater contamination**

FACILITY: **F.E. Warren Air Force Base Atlas, Bldg 6501 UST Site**

APPLICANT: **FEW AFB**
Attn: Mike Zak
90 CES/CEV
300 Vesle Dr. Suite 600
Cheyenne, Wyoming 82005-2788

CONSULTANT: **Ian Broussard, Foothill Environmental**

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: **96-398**

TITLE: **Remedial Investigation/Baseline Risk Assessment, Former F.E. Warren AFB Site No. 5**
(Draft Work Plan)

PROPOSAL PLANS REPORT (Check each that applies)

DATE ON PROPOSAL/PLANS/REPORT: **October 9, 1996**

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

CONDITIONS TO ANY WQD PERMIT? NO YES

AN LOV, NOV OR OTHER ENFORCEMENT: NO YES

REVIEWING OFFICIAL: **John C. Kleinschmidt** 

DATE OF LAST REVIEW: **Not Applicable**

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

ACTION: **Permit to Construct No. 96-398 is authorized.**

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Skyline Ranch Wastewater System Modification

ENGINEER: Tee J. Burr
Coffey & Associates, LLC
903 Grand Avenue
Laramie, Wyoming 82070

APPLICANT: Keith Seebart, Presbyterian Church
215 S 11th Street
Laramie, Wyoming 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 96-399 (Ref 85-539R)

REVIEWING ENGINEER: Ronald L. Ewald *RLE*

DATE OF REVIEW: December 30, 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:

Before the Department of Environmental Quality (DEQ)/Water Quality Division (WQD) issues a permit, some additional groundwater information is required.

1. Please identify the location and use of any wells within a one (1) mile radius of the wastewater lagoons. Also, where is the water supply well for the camp located?
2. Show all surface water features within one (1) mile of the lagoons.
3. Estimate the depth to groundwater and estimate the flow direction of the groundwater in this area.
4. Where exactly are the property boundaries relative to the wastewater lagoons, and how far is it to the property boundaries?
5. Provide a general description of the geology and soil types in the area.

RLE/bb/64872.ltr

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Skyline Ranch Wastewater System Modification

ENGINEER: Tee J. Burr
Coffey & Associates, LLC
903 Grand Avenue
Laramie, Wyoming 82070

APPLICANT: Keith Seebart, Presbyterian Church
215 S 11th Street
Laramie, Wyoming 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 96-399 (Ref 85-539R)

REVIEWING ENGINEER: Ronald L. Ewald *RLE*

DATE OF REVIEW: September 27, 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. Questions About Disposal Lagoons Functioning Properly - After reviewing the information presented in this application as well as the original permit package, the Water Quality Division(WQD) has questions as to whether or not the existing disposal lagoons are operating as designed or within the standards required by Chapter XI of the Water Quality Rules and Regulations(WQR&R). If indeed the lagoons are not functioning properly, then the WQD **can not approve** the expansion of the wastewater system **at this time**. The concerns are as follows:
 - a. According to the original permit, the lagoons were designed to service 47 people. At this loading rate, both lagoons should be full to near the 5 foot level in order to achieve the evaporation necessary to get rid of the wastewater generated by 47 people.
 - b. However, the Engineering Design Report(EDR) indicates in section 3.0, Existing System, that the second lagoon cell has never received any effluent and that the first cell has never had more than 2 feet of water in it. In fact, the first cell was empty on August 30, 1996, near the end of the height of the camp season.

- c. This empty lagoon condition is occurring even though the camp capacity has expanded from 47 people in 1985 to 95 beds now, with an apparent average camper load of around 63 to 68 people, approximately 40 % more people than the lagoons were designed for. The lagoons should be overflowing, and yet they are empty.
- d. All of these factors lead to the conclusion that most, if not all, of the wastewater is seeping out of the bottom of the lagoon rather than evaporating as designed.
- e. Back figuring using 63 to 68 people, at the revised rate of 58 gallons per person per day, an averaging factor of 0.60, and an average lagoon depth of 1 foot; calculates out to a seepage rate in the range of 1 1/4 to 1 1/2 inches per day. An evaporation rate of 0.18 inches per day has been included in this calculation.
- f. This is 10 to 12 times the design rate of 1/8 inch per day used in the 1985 design; and 5 to 6 times the maximum allowable rate of 1/4 inch per day as prescribed by Chapter XI, Section 46(d)(i).
- g. Additionally, Section 46(d)(ii) requires that "A minimum water level of at least two feet shall be maintained in the pond at all times, including start-up." This requirement obviously is also not being maintained.

All of these points lead the WQD to the conclusion that the disposal lagoons are not functioning as designed and permitted, nor are they functioning within the standards required by the WQR&R. The proper ultimate disposal of this sewage into the environment must be the primary concern of the DEQ. Therefore, until these questions about the operation and function of these lagoons is satisfactorily understood and resolved; the WQD can not approve the expansion of the wastewater system which flows into these lagoons.

- 2. To resolve the questions of the disposal lagoon function, please provide the following:
 - a. Any additional information or details which might help understand what is actually happening with the lagoons, such as:
 - A. Records of exactly how many people were actually at the camp each week.
 - B. Records of actual water use at the camp from well or pump logs.
 - C. Logs or observations of the lagoon depth at different times.
 - D. Records of the lagoon construction concerning the liner material, thickness, compaction, etc.
 - E. Any other pertinent information which might help understand or explain what is going on at the lagoons.
 - b. Provide a detailed explanation or theory of what you believe is going on; with numbers, measurements, and calculations to support the explanation.



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 30, 1997

Keith Seebart, Presbyterian Church
215 S 11th Street
Laramie, Wyoming 82070

RE: Permit Reporting Requirements for Permit Number - 96-399

Dear Mr. Seebart:

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**:

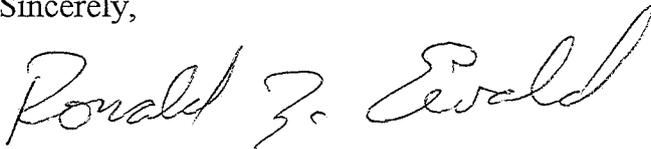
4. Post construction report on lagoon repairs (Condition 7)
5. Annual operation and maintenance reports due each year before November 30th (Condition 8)

January 30, 1997
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,

A handwritten signature in cursive script that reads "Ronald L. Ewald". The signature is written in dark ink and is positioned above the typed name.

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

RLE:ks
70418.ltr

Enclosure: Permit Referenced Above

cc: Tee J. Burr, Coffey & Associates, 903 Grand Avenue, Laramie, Wyoming 82070

PERMIT TO CONSTRUCT

New
Renewal
X Modified

PERMIT NO. 96-399
SPECIAL CONDITIONS
REF/PERMIT #85-539

Skyline Ranch Wastewater System: Additions and Repairs

This permit hereby authorizes the applicant:

Keith Seebart, Presbyterian Church
215 S 11th Street
Laramie, Wyoming 82070

to construct, install or modify additional septic system facilities and to make repairs/upgrades on the existing wastewater lagoons according to the procedures and conditions of the application number 96-399. The facility is located in the NW 1/4 of Section 10, T13N, R82W 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 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 9. 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 9. 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 9. 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 9. Vaughn Concrete Septic Tank - The manway on Vaughn Concrete septic tanks must be extended to the ground surface when clean-out risers are not provided.
- 5 of 9. Lagoon Depth Measurements - A method for measuring the depth of both lagoon cells (such as a staff gauge) shall be installed in each lagoon. The device chosen should be capable of measuring to either the nearest inch or tenth of a foot. The lagoon depths shall be recorded at least weekly (during the operating season), and just before or after significant events which impact on the lagoon depths.
- 6 of 9. Minimum Lagoon Depths - A minimum depth of two(2) feet (plus or minus 6 inches) shall be maintained during the operational season of the camp.
- 7 of 9. Post Construction Report Required - A post construction report covering the repairs and upgrades of the wastewater lagoons shall be submitted to the Water Quality Division(WQD) for review and approval within 45 days of completion of the lagoon work. This report shall contain the following:
 - a. Information about the actual repairs and upgrades done on the lagoons,
 - b. A copy of the compaction test results,
 - c. A copy of the water-tightness barrel test results,
 - d. A copy of the engineer's inspection report, and
 - e. Any other pertinent information about the work done on the lagoons.

8 of 9. Annual Reports Required - An annual report shall be submitted to the WQD for review before November 30 of each year. This report shall contain a cover letter which describes the purpose of the report and which references the permit number: 96-399. This report shall contain:

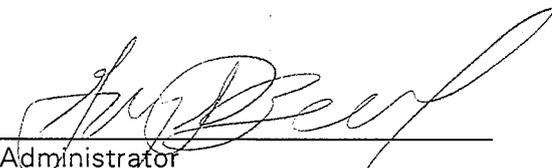
- a. Water consumption records from the water meter installed on the camp supply well, (see Note #1 below),
- b. Records of the number of people using the camp, including workers, and the number of people-days, (see Note #1 below),
- c. Records of the lagoon depths as required in # 4 above, and especially the depths just before and after fresh water is added to maintain the minimum depth, and
- d. Any other pertinent information about the operation and maintenance of the lagoons, or any other part of the wastewater collection and disposal system.

Note #1 - The allowable loading rate for the lagoon is 3666 gallons per day based on 58 gallons per capita per day and up to 63 people in camp. If the records for items a. and b. above indicate that these limits are being exceeded, then it may be necessary to reassess this permit and additional modifications to the camp wastewater system "**may**" be necessary.

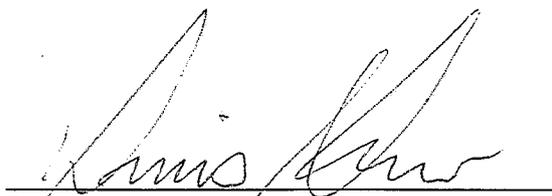
Note #2 - This annual reporting requirement may be dropped in the future if several years of reports show that the lagoons are functioning properly and adequately.

9 of 9. 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

2-4-97
Date of Issuance

RLE:ks
70419.ltr

cc: Carbon County Planner/Sanitarian

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 96-399
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- NOT Applicable
- B. Briefly state the basis for the deviation.
- NOT Applicable
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
- NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NOT Applicable - The requested additional septic system facilities meet the requirements of Chapter XI. The repairs/upgrades to the lagoon are permitted under Chapter III, Section 7[©] with the intent that these repairs/upgrades are only intended to bring the facility back to the design standards approved by the original permit # 85-539R.

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 29, 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

¹Sediment 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. 96-400
SPECIAL CONDITIONS

Louisiana Land and Exploration Company, Lost Cabin Gas Plant

This permit hereby authorizes the applicant:

Louisiana Land and Exploration Company
P.O. Box 5
Lysite, WY 82642

to construct and install pond aeration system, GAC absorption and hypo chlorite injection according to the procedures and conditions of application number 96-400. The facility is located in NE ¼ Section 11, T38N, R90W in the county of Fremont, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

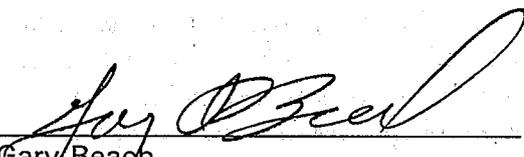
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

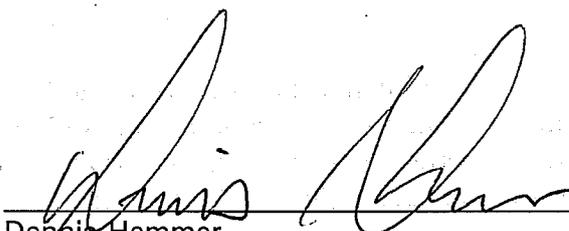
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Gary Beach
Administrator
Water Quality Division



Dennis Hemmer
Director
Department of Environmental Quality

5-30-00
Date of Issuance

MR/lb/mad/01319.ltr

STATEMENT OF BASIS

General information.

Permit Number: 96-400

II. Application reviewed for compliance with the following regulations.

A. Chapter 11. Yes

B. Chapter 12. No

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3¹.

N/A

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

N/A

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

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter 3, Wyoming Water Quality Rules and Regulations. This review was performed by Mike Roberts, Norwest District, and completed on September 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."