

PERMIT TO CONSTRUCT

PERMIT NO. 95-201
SPECIAL CONDITIONS

X New
Renewal
Modified

Williamson Residence Septic System

This permit hereby authorizes the applicant:

Curtis M. Williamson
P.O. Box 41
Sundance, Wyoming 82729

to construct, install or modify a septic system according to the procedures and conditions of the application number 95-201. The facility is located in E/2 of the NE/4 of Section 24, Township 51 North, Range 63 West in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one year from the date of issuance of this permit.

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

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

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

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

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

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

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 a constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

5-18-95

Date of Issuance

BDM/pr: May 15, 1995 - 52100.LTR

STATEMENT OF BASIS

General information.

A. Permit Number: 95-201

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

- 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 May 15, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51933.DOC

-2-

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. 95-202
SPECIAL CONDITIONS

Amoco LACT 5 Road Application

This permit hereby authorizes the applicant:

Amoco Production Company
P.O. Box 10
Midwest, WY 82643

to land apply waste oil sludge according to the procedures and conditions of the application number 95-202. The facility is located in the SW/4 of Section 19 of Township 40 North Range 78 West in the county of Natrona, in the State of Wyoming. This permit shall be effective until November 1, 1995.

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, 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 Department of Environmental Quality, Water Quality Division (DEQ/WQD) of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative

in your area can be contacted at the following address: DEQ/WQD Northeast District Office,
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 oil sludge water 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 oil sludge shall be applied uniformly. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist. Waste oil sludge shall not be applied during the period from November 1 to April 10.
- 7 of 9 The application site slope shall not exceed eight percent (8%) for vehicular application.
- 8 of 9 Waste oil 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 oil sludge application after November 1 must be re-permitted.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6/9/95

Date of Issuance

DRM/pr:mad 52295.LTR

cc: District Natrona County Road Application File

STATEMENT OF BASIS

i. General information.

A. Permit Number: 95-202

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. policy number and deviation ~

- V. Application requires review to determine groundwater impacts in accordance with Section 15, 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 oil sludge onto the roadbed. Repeated applications of waste oil sludge on the same sections of road will be monitored by roadbed analyses.

- 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 May 30, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

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. 95-203
SPECIAL CONDITIONS

Goodrich Addition Water System Reconstruction

This permit hereby authorizes the applicant:

City of Lander
240 Lincoln Street
Lander, WY 82520

to construct about 2800 L.F. of 6 inch and 1000 L.F. of 8 inch PVC water main according to the procedures and conditions of the application number 95-203. The facility is located in Sections 19 and 24, T33N, R99W in the county of Fremont, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

permit. This permit does not relieve the permittee from any duty to obtain any other permit or author. 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 wit. all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6/14/95

Date of Issuance

JH/jm/nc 52455.LTR

STATEMENT OF BASIS

General information.

A. Permit Number: 95-203

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

A. Chapter XI. No

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

N/A

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

Not Applicable

VI. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on June 7, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-204
SPECIAL CONDITIONS
REF/PERMIT #

Apache Corporation, Statewide Anode

This permit hereby authorizes the applicant:

Apache Corporation
1016 East Lincoln
Gillette, WY 82716

to construct, install or modify deep bed anode system according to the procedures and conditions of the application number 95-204. The facility is located statewide, in the State of Wyoming. This permit shall be effective for a period of five years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

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

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

- 1 of 6. The cathodic protection deep anode bed shall be installed in accordance with the conditions of this permit and plans and specifications submitted in permit to construct application number 95-204.
- 2 of 6. After the deep anode beds have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 45 days after a well has been plugged and abandoned, the owner shall file a plugging record with WQD.
- 3 of 6. In addition to the anode bed construction information submitted with the permit application, the following items relating to construction shall be implemented when the anode beds are installed:
 - a. All aquifers encountered while drilling shall be isolated from one another using a bentonite seal of at least 2 feet in vertical dimension.
 - b. Each separate aquifer penetrated shall require a separate breather pipe. Each aquifer shall remain in hydrologic isolation from each other if they were isolated prior to installation.
- 4 of 6. Within 45 days after the anodes are installed, as-built construction plans shall be submitted to the DEQ/WQD, detailing how groundwater was protected during installation.
- 5 of 6. If it becomes necessary to wet any anode installed under this permit, only water from an approved public water supply shall be used unless DEQ/WQD is first supplied with an analyses of the water for approval. Waters that originate in sources other than an approved public water supply shall not be used unless first approved.
- 6 of 6. An unlimited number of similar anodes may be installed under this permit. This authorization applies to Apache Corporation and all subsidiary companies operating in Wyoming.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

5-22-95

Date of Issuance

PERMIT TO CONSTRUCT

X New
- Renewal
- Modified

PERMIT NO. 95-205
SPECIAL CONDITIONS

Byron School/Center Street Sewer Improvements

This permit hereby authorizes the applicant:

Town of Byron
P. O. Box 5
Byron, WY 82412

to construct 265 L.F. 6 inch PVC sewer at school and 105 L.F. 6 inch PVC sewer at Center Street according to the procedures and conditions of the application number 95-205. The facility is located in NW 1/4 Sec. 35, T56N, R97W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6-20-95
Date of Issuance

JH/jm
b/52608.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-205

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

N/A

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

Not Applicable

VI. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on June 15, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

JH/b/52608.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-206
SPECIAL CONDITIONS
REF/PERMIT # 94-465

KN Energy, Inc., Natural Gas Lysite Unit

This permit hereby authorizes the applicant:

KN Energy, Inc.
370 Van Gordon Street
Lakewood, CO 80228-8304

to construct, install or modify four groundwater monitoring wells for site assessment according to the procedures and conditions of the application number 95-206. The facility is located in SW ¼, Section 12, T38N, R91W 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, 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: Don Newton, 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 9. The groundwater monitoring wells/piezometers shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 95-206. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
- 2 of 9. Monitoring well/piezometer construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well/piezometer casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells/piezometers must be constructed from materials free of material having the potential to contaminate groundwater samples.
- 3 of 9. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells/piezometers prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
- 4 of 9. After the monitoring wells/piezometers have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with city and/or highway department requirements. No monitoring well/piezometer shall be abandoned without prior approval from the Water Quality Division.
- 5 of 9. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells/piezometers shall be reported immediately to the division. The wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
- 6 of 9. The applicant is responsible for obtaining any permits required by the State Engineer's Office (307-777-7354).
- 7 of 9. The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of wells/piezometers shall be installed to define the nature and extent of the contamination.
- 8 of 9. DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells/piezometers and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.

Within ninety (90) days of the issuance of this permit, a report of investigation shall be submitted to WQD. This report shall contain at a minimum:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6-20-95
Date of Issuance

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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

250 Lincoln
Lander, Wyoming 82520

PROJECT: Site Investigation KN Energy: Natural Gas Lysite Unit

APPLICANT: KN Energy, Inc.
370 Van Gordon Street
Lakewood, CO 80228-8304

CONSULTANT: LT Environmental, Inc.
2150 W. 29th Ave., Ste. 310
Denver, CO 80211

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 95-206

EXISTING NEW AS BUILT

TITLE: Application Form Submittal and Work Plan for Monitoring Well Installation, KN Energy, Inc., Natural Gas Lysite Unit, Lysite, Wyoming

PLANS SPECS PROPOSAL REPORT
[Check all that APPLY]

DATE ON PROPOSAL/PLANS/REPORT: 5/12/95

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

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

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

REVIEWING GEOLOGIST:

Don Newton, P.G.

REVIEWING ENGINEER:

(Signature)

DATE OF THIS REVIEW: 5/31/95

ACTION: AUTHORIZED

COMMENTS: GROUNDWATER SECTION

1.0 SUMMARY OF EXISTING CONTAMINATION

The site is a triethylene glycol dehydration unit and separator which were removed from the site in July 1994 and have been replaced with a pig launcher. The apparent source of contamination is a unlined, earthen production blow-down pit. The pit was used for the disposal of RCRA exempt oilfield wastes (hydrocarbons, condensate, produced water). A single monitoring well during the initial investigation indicated groundwater has been contaminated from the surface impoundment.

2.0 CONCLUSION OF ADEQUACY OF WORK COMPLETED TO DATE

2.1 Initial investigation. The application for additional monitoring wells states that groundwater has been confirmed to be contaminated. The report that was submitted to the Northwest District, State Program Operations group could not be located and was not available as reference for this review.

2.2 Telephone Discussion. During a telephone discussion of the initial investigation, Mr. Lohner informed me that the contaminant levels range as high as 34.1 mg/l benzene in groundwater and > 8,000 TPH Method 8015 - Modified in soil.

The GPC Standard Conditions for monitoring wells were faxed to Mr. Lohner and discussed during the our telephone conversation. Mr. Lohner had no reservations about his ability to meet all the conditions which are attached to the permit 95-206.

3.0 REQUESTS/REQUIREMENTS/RECOMMENDATIONS

3.1 Proposed Additional Investigation. The supporting information submitted with this Application for Permit to Construct is adequate at this time. Additional requirements that were not addressed in the supporting information are listed in the conditions to the permit amendment and have been discussed and approved by Mr. Lohner.

END OF REVIEW



THE STATE OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	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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June 16, 1995

Mr. John D. Lohner, Senior Geologist
LT Environmental, Inc.
2150 W. 29th Ave., Ste. 310
Denver, CO 80211

RE: Groundwater Review of the proposed additional investigation at KN Energy, Inc., Natural Gas Lysite Unit and Application for Permit to Construct # 95-206

Dear Mr. Lohner:

Enclosed please find the Groundwater Pollution Control Program Review of the above referenced report.

Please submit all previously generated reports and data concerning this site. This is to ensure the departmental file is complete on this site.

If you have any questions, please call me at the above listed number.

Sincerely,

Don Newton, P.G.
Hydrogeologist
Water Quality Division/Northwest District

DN/dn/b/52625.ltr

enc: GPC Groundwater Review Form
Permit to Construct 95-206

cc: Mr. Hayden Truscott/KN Energy, Inc./370 Van Gordon St./Lakewood, CO 80228-8304
Kevin Frederick, GPC Program Supervisor, WQD/Cheyenne
File: KN Energy, Lysite Unit, Fremont Co.
File: 1995 Northwest District GPC Reviews

PERMIT TO CONSTRUCT

X New
- Renewal
- Modified

PERMIT NO. 95-207
SPECIAL CONDITIONS

Lyles Small Wastewater Disposal System

This permit hereby authorizes the applicant:

Ron Lyles
P. O. Box 86
Basin, WY 82410

to construct a septic tank/leach field according to the procedures and conditions of the application number 95-207. The facility is located in Lot 1, Block 3, Park Addition to Town of Basin in Sec. 21, T51N, R93W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6/14/95

Date of Issuance

JH/jm
b/52476.ltr
cc: Bill Stoelk, Town of Basin w/cc: plans 95-207

STATEMENT OF BASIS

General information.

A. Permit Number: 95-207

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

N/A

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

Not Applicable

VI. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on June 9, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

JH/b/52476.ltr

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-208
SPECIAL CONDITIONS

Riley Septic Tank/Leach Field

This permit hereby authorizes the applicant:

Mike Riley
980 Lane 38
Burlington, WY 82411

to construct a septic tank/leach field to serve a 3 bedroom house according to the procedures and conditions of the application number 95-208. The facility is located in NE1/4 Sec.27, T52N, R96W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

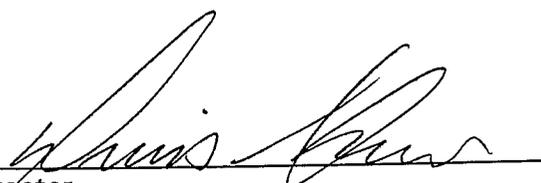
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6-16-95
Date of Issuance

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-208
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- Not applicable
- VI. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on June 13, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-209
SPECIAL CONDITIONS

Boyce Septic Tank/Leach Field

This permit hereby authorizes the applicant:

Barry Boyce
HCR 77, Box 44F
Thermopolis, WY 82443

to construct a septic tank/leach field according to the procedures and conditions of the application number 95-209. The facility is located in SW 1/4, SW 1/4 Sec.5, T43N, R94W in the county of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

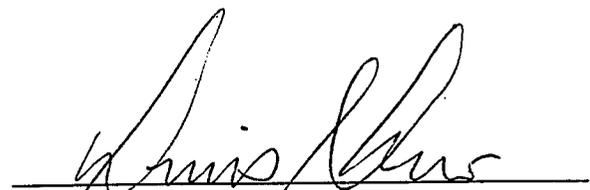
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6-20-95
Date of Issuance

JH/jm
b/52609.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-209

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

N/A

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

Not Applicable

VI. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on June 15, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

JH/b/52609.ltr

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

(X) New
() Modified

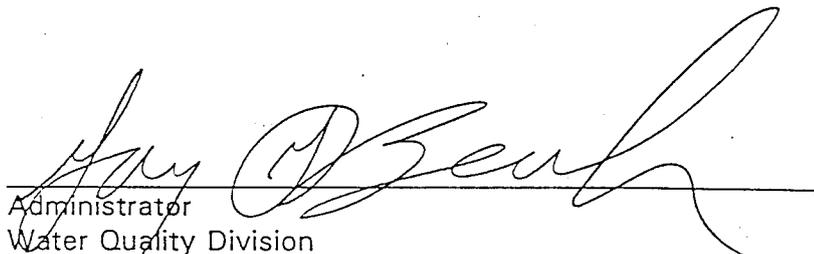
Permit Number: UIC 95-210R
Subclass Number: 5W32

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

Applicant: Big Horn School District Number 1
Administration Building
P.O. Box 819
Ranchester, WY 82839
(307) 655-9541

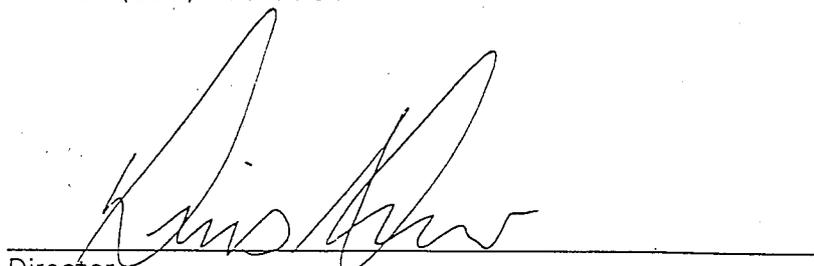
is authorized to operate the Big Horn School Wastewater Facility in the SE¼, Section 5, Township 54 North, Range 84 West, of the 6th Principal Meridian; according to the procedures and conditions of application # 95-210 and requirements and other conditions of this permit, as described on pages 2-8.

This permit shall become effective on date of issuance.



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

8/21/95
Date



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

8-25-95
Date

(ALL OF THE WORDING IN ALL CAPS REFERS TO INSERT NUMBERS ON FORM UIC-2)

A. DISCHARGE ZONE AND AREA OF REVIEW

Discharge Zone:

This injection facility (sanitary leachfield) is authorized to inject into the Alluvial Aquifer along Goose Creek which is found at this location from zero to 25 feet below the ground surface.

Area of Review

The facility authorized by this permit is located in:

Township 54 North, Range 84 West, 6th Principal Meridian
Section 5: SE $\frac{1}{4}$

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

Township 54 North, Range 84 West, 6th Principal Meridian
Section 5: SE $\frac{1}{4}$

B. GROUNDWATER CLASSIFICATION

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

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

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

C. AUTHORIZED OPERATIONS

The permittee is authorized to inject 209 barrels per day, (8,790 gallons per day) of wastewater as described: Sanitary waste only from a consolidated school building. The permittee is authorized to inject at a pressure of no more than atmospheric pressure as measured at the leachfield.

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

D. ENVIRONMENTAL MONITORING PROGRAM FOR GROUNDWATERS OF THE STATE

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

4. The groundwater in the receiving formation shall be sampled and the following parameters analyzed on the following schedule and from the following wells.

WELL NAME OR NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL)*
The two downgradient monitor wells of the following: MW-1, MW-2, MW-3	Semi-Annually	EPA 200 Series Methods	Cadmium	.010
			Chromium	.050
			Lead	.050
		EPA Method 350.3	Ammonia as N	2.50
		EPA Method 353.2	Nitrate as N	10.0

*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted. pH is always expressed in standard units and conductivity is expressed in mmhos/meter or umhos/cm. Prior to taking the above samples, the district shall monitor the static water level in all wells to determine which wells are the downgradient wells. The results of those measurements shall be reported along with the sampling results.

The above Upper Control Limit (UCL) is not to be exceeded in any sample. Exceedance of this value is a violation of this permit and shall require corrective action. In the event that any of the above UCL's are exceeded, the district shall immediately sample all three wells for Total Coliform Bacteria. After the first two years of operation, the Water Quality Division may, without reissuing this permit, waive further monitoring of any parameter from the above list or may require additional monitoring based on new information about the nature of the waste. The Water Quality Division may also, after the first two years of operation, approve a more or less stringent monitoring schedule.

E. REQUIREMENTS FOR MONITORING THE DISCHARGE

The permittee shall monitor the quality of the injectate fluid on the following schedule. The following parameters shall be analyzed by the listed methods and reported semiannually:

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL) *
Semi-Annually in May and October	EPA 200 Series Methods	Cadmium	.010
		Chromium	.050
		Lead	.050
	EPA Method 420.1	Total Phenols	.250
	EPA Method 350.3	Ammonia as N	50.0
Annually	EPA Method 624	Purgeable Aromatic and Halogenated Hydrocarbons	Federal Drinking Water MCL's

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

The above Upper Control Limit (UCL) is not to be exceeded in any sample. Exceedance of this value is a violation of this permit and shall require corrective action. In the event that any contaminant is found to exceed the above UCL's the district shall undertake a study to determine and eliminate the source of that contaminant from the waste stream. Any parameter found to be exceeding the above UCL shall be sampled for in the downgradient wells if not already sampled for. The permittee shall sample the downgradient wells within 30 days of the date that he becomes aware of any exceedance of the above UCL's. After the first two years of operation, the Water Quality Division may, without reissuing this permit, waive further monitoring of any parameter from the above list or may require additional monitoring based on new information about the nature of the waste. The Water Quality Division may also, after the first two years of operation, approve a more or less stringent monitoring schedule.

F. RECORDS AND REPORTS

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

- b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.

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

- 5. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted; such reports shall contain the information listed in 4. above.
- 6. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the administrator, it shall promptly submit such facts or information.
- 7. The permittee shall retain all records concerning the nature and composition of injected fluids until 5 years after completion of any specified plugging and abandoned procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.
- 8. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, a groundwater pollution control permit has been issued by the department for the proposed operation, and:
 - a. Well construction is complete and the permittee has submitted notice of completion of construction to the administrator,
 - b. The administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the administrator of intent to inspect or otherwise review the facility within 13 days of the notice of a. above, in which case prior inspection or review is waived, and
 - c. Well mechanical integrity testing has been proven or demonstrated to the satisfaction of the administrator.
- 9. The semi-annual report of operations for this facility shall be submitted on forms provided by the department and shall include the following information:
 - a. Any permit exceedances within the previous six months.
 - b. The analytical results for sampling for the injected water and any groundwater sampling results required under Section D or E of this permit.
 - c. Semi-annual reports are due in the Cheyenne office of the Water Quality Division no later than July 1 and December 1 of each year.
- 10. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the administrator within 30 days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

G. GENERAL PERMIT CONDITIONS

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

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

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

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

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

Any permit noncompliance constitutes a violation of the permit.

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

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

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

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

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

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

H. DUTIES OF THE PERMITTEE

It is a duty of the permittee to:

1. Comply with all permit conditions;
2. Halt or reduce activity -- it shall not be a defense for a permittee in an enforcement action if it would have been necessary to halt or reduce the permittee activity in order to maintain compliance with the permit conditions;

3. Take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit; and
4. Furnish to the administrator within a reasonable time, any information which the administrator may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit; and furnish to the administrator, upon request, copies of records required to be kept by this permit.

I. SPECIAL MEASURES THE DIRECTOR FINDS NECESSARY:

In the event that sewage is found to be surfacing from the leachfield covered by this permit or any leachfield located at the Big Horn School, this is a violation of this permit and shall be reported immediately as required by Section F of this permit. In the event that it is determined that any leachfield on site of the Big Horn School which is not presently part of this permit has failed, the district shall file a modification application to modify this permit to accept the additional waste within 60 days of making that determination. In the event that the leachfield covered by this permit should fail, it is not necessary to modify this permit to allow for the replacement leachfield shown on sheet S-1 of the plans to be installed, so long as the construction specifications remain the same. The district shall notify the department that the replacement leachfield is to be installed within 90 days of determining that the primary leachfield has failed.

A variance is hereby granted to allow this facility to operate without a backup power supply as required by Chapter 11, Section 10(e). Spare pumps have been provided as required by section 11(e)(i), but no in-line spares have been provided. In the event that power is lost to this system, it is a violation of this permit to allow sewage to overflow any septic tank, wetwell or to come to the surface directly from any leachfield. In the event of an electrical fault in the wetwell systems, the district must provide for disposal of all waste by hauling to a POTW if necessary to prevent overtopping of any tank. This variance is granted since the facility served by this system cannot, in general, operate in the even of a sustained power failure.

Plan Sheet S-1 shows the old leachfield still connected to the piping from the existing septic tank. All permit documents specifically state that this old, failed, leachfield is to be abandoned in place. It is specifically a permit violation to install this system and leave any piping to the old leachfield connected to the outfall of the main septic tank.

The bottom of the 36 inch ABS pipe to be used as lift stations shall be sealed with a watertight seal.

All pressure PVC pipe used in this system shall meet the requirements of ASTM D2241-80 as required by Chapter XI, Section (b)(vi)(I). The engineer shall not approve the use of PVC pipe which does not meet this specification. In the event that any pressure pipe other than PVC is used, it shall meet the requirements of Chapter XI, Section (b)(vi)(J),(K), or (L).

The system covered by this permit has been determined to be one which requires a certified operator under Chapter V, Wyoming Water Quality Rules and Regulations. It is a violation of this permit for the operator of this facility to be a person who is not certified with a minimum Level I Wastewater Systems certificate and a Level II wastewater collection certificate.

The Water Quality Division finds that this discharge will not affect any aquifer which is an existing source of drinking water. Public notice has therefore not been required under Chapter IX, Section 7(a)(8).

J. SIGNATORIES REQUIREMENT

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

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

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

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

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

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

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

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

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

RL/mad 53670.LTR



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

July 3, 1995

Mr. Paul Hanley
Superintendent
Sheridan County School District 1
P.O. Box 819
Ranchester, WY 82839

RE: Big Horn School Wastewater Facility
DEQ/WQD Application 95-210

Dear Mr. Hanley:

This letter is provided to inform you the DEQ/WQD still has concerns about the proposed wastewater facility for the Big Horn School and Mr. Bob Lucht will be reviewing and issuing the permit to construct for this project.

Mr. Lucht has reviewed the June 20 Centennial Engineering response to the department comments dated May 22 and June 1 from Mr. Lucht and myself. A copy of Mr. Lucht's June 28 comments are enclosed for your response.

In an effort to reduce the department review time of your application, the package will now be reviewed just by Mr. Lucht. Your review response should be mailed directly to Mr. Lucht at the Herschler Building on 122 West 25th Street in Cheyenne, zip code 82002. Mr. Lucht can also be reached by telephone at (307)777-7095 or by FAX at (307)777-5973.

Please contact me if you should have any questions.

Yours truly,

Donald R. McKenzie
Donald R. McKenzie
NE District Engineering Supervisor
Water Quality Division

DRM/dm

Enclosure: Bob Lucht's June 28 Review

xc: Bob Lucht, DEQ/WQD, Cheyenne
Larry Robinson, DEQ/WQD, Cheyenne
Patti Burns, DEQ/WQD-IPS, Cheyenne
Tom Barker & Shelly McDill, CER, Sheridan

RECEIVED

JUL 05 1995

WATER QUALITY DIVISION
WYOMING

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-211
SPECIAL CONDITIONS

Lierd & Miracle Addition No. 2

This permit hereby authorizes the applicant:

Town of Evansville
P.O. Drawer 158
Evansville, WY 82636

to construct, install or modify water and sewer extensions according to the procedures and conditions of the application number 95-211. The facility is located in the NW/4 of the SE/4 of Section 1 of Township 33 North Range 79 West in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of one 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.

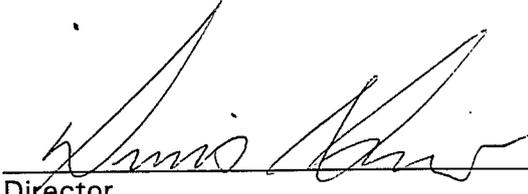
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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 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

6/9/95

Date of Issuance

DRM/pr:mad 52296.LTR

cc: Doran Boston, WLC, Casper
John Hibsman, Hibsman & Associates, Casper

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-211
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- Not Applicable (N/A)
- B. Briefly state the basis for the deviation.
- N/A
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
- N/A

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

N/A

- VII. Documentation of Statement of Basis.

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

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 May 31, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51933.DOC

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. 95-212
SPECIAL CONDITIONS

Richter Septic Tank/Leach Field

This permit hereby authorizes the applicant:

Kenneth J. Richter
P.O. Box 141
Manderson, WY 82432

to construct a septic tank/leach field to serve a 4 bedroom home according to the procedures and conditions of the application number 95-212. The facility is located in Section 31, T50N, R92W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two (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 infringement 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.

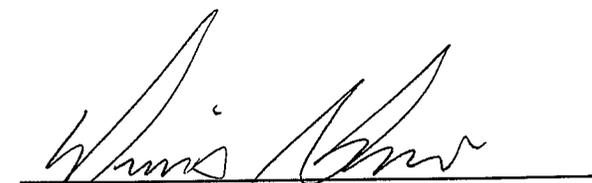
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

6-16-95
Date of Issuance

JH/jyi/mad 52505.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-212
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- Not
- V. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

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

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 June 13, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 95-213
SPECIAL CONDITIONS

City of Laramie Wastewater Collection System

This permit hereby authorizes the applicant:

City of Laramie
P.O. Box C
Laramie, WY 82070

to construct sewer mains to modify the municipal collection system to relieve lines which have high flows according to the procedures and conditions of the application number 95-213. The facility is located in NW 1/4 Section 3, T15N, R73W and SW1/4 Section 34, T16N, R73W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

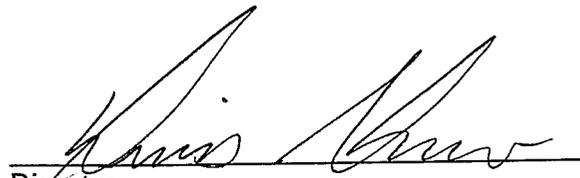
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6-16-95

Date of Issuance

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-213
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- No
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- Yes
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- Chapter XI Section 8(e)(iii) requires that the stream crossing have 1 foot of rock over the sewer line.
- Chapter XI Section 8(c)(E) states that pipe size shall not be decreased in the direction of flow.
- B. Briefly state the basis for the deviation.
- The stream crossing shown on the plans has a concrete encasement and a drop structure in which the permittee indicates will provide adequate protection for the sewer main.
- The permittee has provided information indicating that the small pipe has the ability to handle the increase in flow and that the smaller pipe will be replaced when future expansion requires the replacement.

- 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. 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 June 14, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

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: City of Laramie Wastewater Collection 1995
Sewer Line Construction

ENGINEER: Robert D. Juve
City of Laramie
P.O. Box C
Laramie, WY 82070

APPLICANT: City of Laramie
P.O. Box C
Laramie, WY 82070

WATER QUALITY REFERENCE NUMBER: 95-213

APPROVING ENGINEER: Gary Steele 

DATE OF REVIEW: May 24, 1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

- 1 of 3 The Permit Application form needs to be signed and dated by the facility owner.
- 2 of 3 Chapter XI Section 8(e)(iii) does require that the stream crossing have 1 foot of rock over the sewer line. The design of the stream drop and the encasement of the sewer line pipe does appear to provide adequate protection and a deviation from this item will be granted.
- 3 of 3 Chapter XI Section 8(c)(E) states that pipe size shall not be decreased in the direction of flow. The plans show that it is proposed to connect a new 15" sewer main to an existing 12" main. If a deviation is to be issued for the proposed 15" connection, information needs to be submitted showing that the increase in flow from the proposed 15" main will not overload the existing 12" main. Also it is assumed that the 12" main will be replaced sometime in the future as flows require. Please provide some indication when the 12" main may be replaced with a 15" main.

GS/b/52214.ltr

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-214
SPECIAL CONDITIONS
REF/PERMIT #

Centennial Sewer System - Ostot Connection

This permit hereby authorizes the applicant:

Centennial Sewer & Water District
P.O. Box 185
Centennial, Wyoming 82055

to construct, install or modify a sewer main connection according to the procedures and conditions of the application number 95-214. The facility is located in the NE1/4 of Section 3, T15N, R78W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

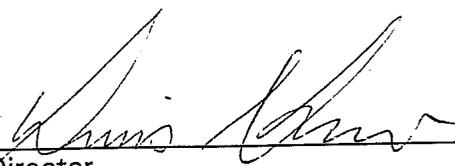
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 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. The three(3) cleanouts shall be installed as indicated in the plans.
- 5 of 6. As-constructed plans shall be submitted along with the CERTIFICATION OF COMPLETION form of Condition #3 above within 60 days of completion of the project.
- 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

6/9/95

Date of Issuance

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-214

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 May 30, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

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. 95-215
SPECIAL CONDITIONS

Snider Septic System

This permit hereby authorizes the applicant:

Lawrence Snider
204 Shore Drive
Laconia, NH 03246

to construct, install or modify a small wastewater system according to the procedures and conditions of the application number 95-215. The facility is located in the SE/4 of the NW/4 of Section 9 of T54N R64W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one year from the date of issuance of this permit.

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

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

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

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

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

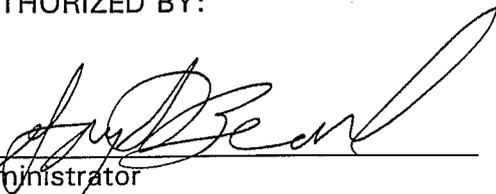
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

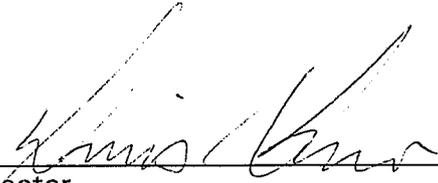
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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 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

5/25/95

Date of Issuance

DRM/pr:05/23/95 /nc 52188.LTR

cc: District File 95-215
Randy Gantz, P.O. Box 281, Hulett, WY 82720

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-215
- 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. 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 May 23, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

DRM/pr:05/23/95 /nc 52188.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. 95-216
SPECIAL CONDITIONS

Watson Septic System

This permit hereby authorizes the applicant:

Robert Watson
P.O. Box 604
Wright, WY 82732

to construct, install or modify a small wastewater system according to the procedures and conditions of the application number 95-216. The facility is located in the SE/4 of the NE/4 of Section 14 of T50N R66W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one year from the date of issuance of this permit.

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

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

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

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

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

5/25/95
Date of Issuance

DRM/pr:05/22/95 /nc 52189.LTR

cc: District File 95-216
Randy Gantz, P.O. Box 281, Hulett, WY 82720

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-216

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. 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 May 22, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

DRM/pr:05/22/95 /nc 52189.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. 95-217R
SPECIAL CONDITIONS

Pelletier Small Wastewater

This permit hereby authorizes the applicant:

Bob Pelletier
P.O. Box 35
117553 Hwy 89
Alpine, WY 83128

to construct a small wastewater system serving 4 retail businesses and treating only common domestic sewage waste according to the procedures and conditions of the application number 95-217R. The facility is located in NW SW Section 29 T37N R119W in the county of Lincoln, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

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

1. of 5 The applicant will notify the Lander District Office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 5 The applicant will provide immediate oral and/or written notice to the Lander District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Lander District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 5 The 4 restrooms served by the system are intended to serve a total of approximately 16 employees with a toilet and a sink. The leachfield and septic tank are not designed to be used as public restrooms.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

5/30/95

Date of Issuance

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-217R

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

Not Applicable

V. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by, Randall Taylor, Southwest District Supervisor, and completed on 25 May 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

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. 95-218RR
SPECIAL CONDITIONS
92-306R, 86-108RRRR, 82-528RR

Star Valley Ranch RV Park - Phase 1 Stage 4 - Water & Wastewater Improvements

This permit hereby authorizes the applicant:

Star Valley Ranch RV Park
P.O. Box 635
Thayne, WY 83127

to construct water distribution system and wastewater collection system according to the procedures and conditions of the application number 95-218RR. The facility is located in NW¼ NW¼ S6 T34N R118W in the county of Lincoln, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

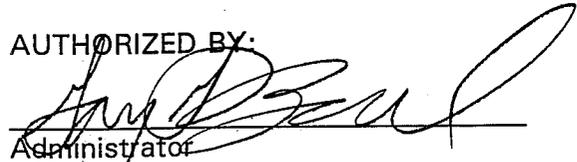
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

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

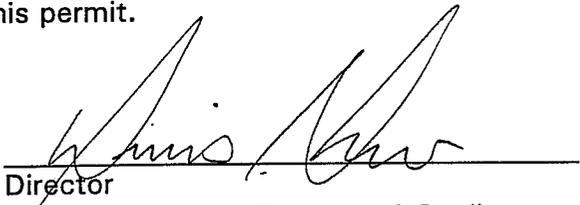
1. of 6 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
2. of 6 The applicant will provide immediate oral and/or written notice to Lander Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Lander office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 6 This system is to operate only during the warmer months of late spring and summer when frost will not be penetrating the ground to any significant depth. Each fall the water system will be drained. The shallow burial depths of pipelines are allowed based upon no wintertime operations.
6. of 6 This permit is only for installation of the water and wastewater lines. The owner shall not connect the water lines or the wastewater pipelines to any water source or to the wastewater lagoon, until after the wastewater lagoons are determined (satisfactory to the Wyoming DEQ/WQD) that the current lagoons have sufficient capacity to receive this additional loading, or until additional wastewater treatment capacity is permitted and constructed to receive the wastewater loads that will occur from the service area identified in this permit.

AUTHORIZED BY:



Administrator
Water Quality Division

8/30/95
Date of Issuance



Director
Department of Environmental Quality

STATEMENT OF BASIS

General information.

A. Permit Number: 95-218RR

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

A. Chapter XI. Yes

B. Chapter XII. Yes

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

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

No

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

Yes

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

No

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

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

Chapter XII, Section 14 and Chapter XI, Section 9 requires pipelines to be buried at depths that will protect from freezing and frost heave. The water lines are planned for 5-ft burial depth and the wastewater lines are planned for 3-ft burial depth. This deviation is granted based upon the applicant not using the lines during seasons when frost will be penetrating the ground. The applicant states and is seeking a permit on the basis that the RV Park is a summertime operation and the lines will be drained each fall. See also permit condition #5.

B. Briefly state the basis for the deviation.

See above and in permit condition #5.

- 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 Randall Taylor, S.W. Dist. Engr. Supervisor, and completed on 23 August 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

RRT/bb/53738.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. 95-219
SPECIAL CONDITIONS

FmHA-Harley Rathbun Septic System

This permit hereby authorizes the applicant:

FmHA/RECD
P.O. Box 458
Sundance, WY 82729-0458

to construct, install or modify a small wastewater system according to the procedures and conditions of the application number 95-219. The facility is located in the NE/4 of the SW/4 of Section 13 of T55N R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one year from the date of issuance of this permit.

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

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

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

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

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

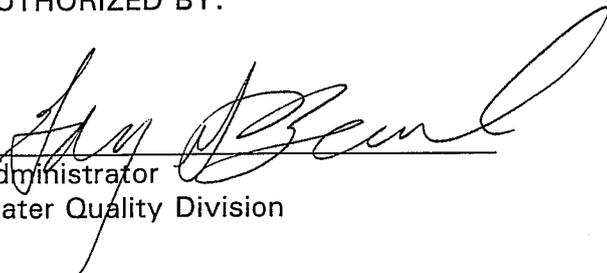
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

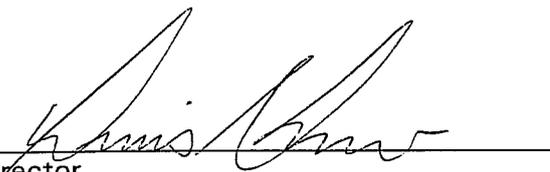
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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 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

5/25/95

Date of Issuance

DRM/pr:05/19/95 - 52170.ltr

cc: District File 95-219
Randy Gantz, P.O. Box 281, Hulett, WY 82720

STATEMENT OF BASIS

General information.

A. Permit Number: 95-219

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

N/A

- VII. Documentation of Statement of Basis.

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

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 May 19, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

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. 95-220
SPECIAL CONDITIONS

Mills Water Supply Wells

This permit hereby authorizes the applicant:

Town of Mills
P.O. Drawer 789
Casper, WY 82644
Attention: Mayor Bob Goff

to construct, install or modify public water supply wells according to the procedures and conditions of the application number 95-220. The facility is located in the SE/4 of Section 7 of T33N R79W in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of one year from the date of issuance of this permit.

The issuance of this permit 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 activities authorized by this permit.

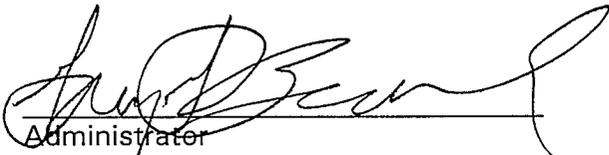
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 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

7-3-95
Date of Issuance

DRM/pr:06/27/95 /nc 52794.LTR

cc: Doran Boston/Terry Titus, WLC, 200 Pronghorn, Casper, 82601
Northeast District File

STATEMENT OF BASIS

General information.

A. Permit Number: 95-220

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

A. Chapter XI. No

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

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

Not Applicable (N/A)

B. Briefly state the basis for the deviation.

N/A

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter 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 Engineer, and completed on June 27, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

DRM/pr:06/27/95 /nc 52794.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. 95-221
SPECIAL CONDITIONS

Glen Robbins Trucking (Septic System)

This permit hereby authorizes the applicant:

Glen Robbins
302 Lupe Road
Cheyenne, WY 82001

to install a commercial septic system for domestic waste and a holding tank for waste from shop drain and floor pit according to the procedures and conditions of the application number 95-221. The facility is located in NE 1/4 Section 13, 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 Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

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

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

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

- 1 of 8 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 8 The applicant will provide immediate oral and/or written notice to 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 8 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

Permit #95-221

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

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

5 of 8 The permittee shall notify the Laramie County Environmental Health Division at least 2 days prior to installation of this system to arrange for required inspections. Inspection of the installed system is required prior to backfilling. Laramie County Environmental Health charges a fee for these inspection services. Their offices are located at 100 Central Ave, Cheyenne, Wyoming 82007; or they can be reached by phone at (307) 633-4090

6 of 8 The holding tank shall meet the requirements of Chapter XI Section 43 for alarms, vent, and pump out.

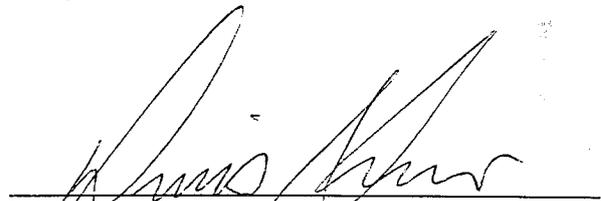
7 of 8 The manufacturers information for the septic tank and holding tank shall be submitted with the certificate of completion.

8 of 8 The septic system is being permitted for domestic waste only.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6/9/95

Date of Issuance

GLS/nc 52281.LTR

cc: Laramie County Environmental Health

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-221

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

N/A

VI. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Gary Steele, Southeast District Engineer, and completed on May 30, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

GS/nc 52281.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. 95-222
SPECIAL CONDITIONS

Park County Fire District #2: Southfork Fire Station

This permit hereby authorizes the applicant:

Park County Fire District #2
1002 Sheridan Avenue
Cody, WY 82414

to construct a septic tank/leach field according to the procedures and conditions of the application number 95-222. The facility is located in Lot 61-L-1 of Lot 61-L, Resurvey T51N, R103W in the county of Park, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

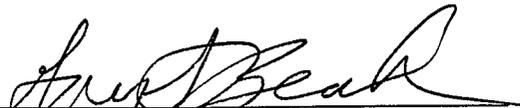
The issuance of this permit does not convey any property rights in either real or personal property or any infringement of personal rights, nor any infringement of federal, state or local laws or regulations.

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

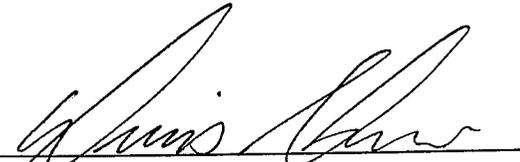
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6-16-95
Date of Issuance

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-222
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- Not applicable
- VI. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on June 13, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-224
SPECIAL CONDITIONS
REF/PERMIT #90-395

KN ENERGY, STATEWIDE ANODE

This permit hereby authorizes the applicant:

KN Energy
P.O. Box 2800
Casper, WY 82602-2800

to construct, install or modify deep bed anode system according to the procedures and conditions of the application number 95-224 and 90-395. The facility is located in statewide, in the State of Wyoming. This permit shall be effective for a period of five years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

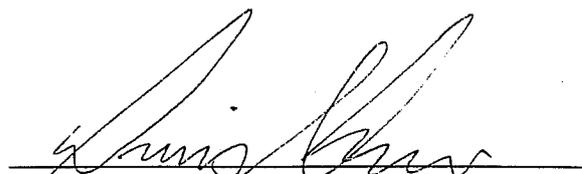
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 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.
- 2 of 5. In addition to the anode bed construction information submitted with the permit application, the following items relating to construction shall be implemented when the anode beds are installed:
 - a. All aquifers encountered while drilling shall be isolated from one another using a bentonite seal of at least 2 feet in vertical dimension.
 - b. Surface access to the anode shall be kept sealed and locked at all times when the anode is not actually being serviced.
 - c. Each separate aquifer penetrated shall require a separate breather pipe. Each aquifer shall remain in hydrologic isolation from each other if they were isolated prior to installation.
- 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 KN Energy Inc. and all subsidiary companies operating in Wyoming.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

5/25/95

Date of Issuance

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-225
SPECIAL CONDITIONS
REF/PERMIT #94-157, 92-111

Rocky Mountain Power Equipment STEP System

This permit hereby authorizes the applicant:

Bill Barnard
145 South Durbin Street
Casper, Wyoming 82601

to construct, install or modify a sewage pump station and force main according to the procedures and conditions of the application number 95-225. The facility is located in SE/4 of the NW/4 of Section 1, Township 33 North, Range 80 West in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of one year from the date of issuance of this permit.

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

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

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

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

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

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

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

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

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

- 1 of 5. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5. The applicant will provide immediate oral and/or written notice to the Northeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5. Within sixty days of completion of construction of the authorized facility, the applicant will submit to Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 5. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 5. An operation and maintenance manual shall be submitted to the Northeast District Office prior to pump station startup. The operation and maintenance manual shall provide information a required in Chapter XI Section 24 of Wyoming Water Quality Rules and Regulations (WWQRR).

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6/9/95

Date of Issuance

BDM/pr/mad 52297.LTR

cc: CEPI, Casper

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-225

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

A. Chapter XI. yes

B. Chapter XII. no

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

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

no

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

no

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

no

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

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

1) Chapter XI Section 9.(c)(ii)(C) requires pressure sewer velocities be at least 2.5 fps.

2) Chapter XI Section 9.(c)(ii)(G) requires pressure sewers to be preceded by grinder pumps or septic tanks.

3) Chapter XI Section 10.(e)(i) requires pump stations be provided with multiple pumps.

4) Chapter XI Section 40.(a)(ii)(C) requires all electrical controls to comply with the National Electrical Code, Class 1, Group D, Division 1 locations.

B. Briefly state the basis for the deviation.

1) Due to the nature of the solids carried in these lines, maintaining a normal minimum velocity will not be required. This deviation was previously granted in permit 92-111.

2) Solids will be screened prior to entering the pump.

3) A second, stand-by pump will be provided on site. Removal and installation of the pump is readily accomplished by qualified personnel. A second pump will be provided in the event the original pump is replaced by the stand-by pump.

4) A deviation was granted in permit 92-111. During the review for that permit it was indicated by the Fire Prevention and Electrical Safety Department that Class 1, Division 1 wiring methods for septic tank effluent lift stations and related controls may not be appropriate. Guaranteed submergence of the pumping unit is provided by means of a redundant off switch.

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

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 May 31, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

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: Warren Air Force Base (Repair Sewage Systems at Missile Alert Facilities)

ENGINEER: Mathew P. Jefson, 2LT
90 CES/CEM
300 Vesle Drive, Suite 800
FE Warren AFB WY 82005-2235

APPLICANT: John Wright
90 CES/CEV
300 Vesle Drive
FEW AFB WY 82005

WATER QUALITY REFERENCE NUMBER: 95-226

APPROVING ENGINEER: Gary Steele 

DATE OF REVIEW: May 30, 1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

- 1 of 4. The areas required for the lagoons as provided in the design information were not based upon the equation provided in Section 46 of Chapter XI of the Water Quality Rules and Regulations. If it is proposed to use a different methodology to determine lagoon volumes then a deviation from the standards needs to be requested. The deviation must include information showing how the methodology was arrived at for the analysis.
- 2 of 4. In reviewing the lagoon volumes proposed it appears that an operating depth of 5 feet was used. Chapter XI Section 46 requires that a minimum of 2 feet of water level remain in the bottom of the pond. Using 3 feet of operating depth and including the additional inflow from precipitation that falls on the side slopes and lagoon tops, it appears that most of the lagoons are too small. Again if you anticipate a deviation in this area then a request for the deviation must be submitted with information justifying the deviation.
- 3 of 4. The site wells or water supply need to be shown on the plans with dimensions to the lagoons to verify separation requirements provided in Chapter XI.
- 4 of 4. Provide information showing that the lagoon bottoms meet the separation requirements from groundwater and bedrock.

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-226
SPECIAL CONDITIONS
REF/PERMIT #

Francis E. Warren Air Force Base (Repair Sewage Systems at Missile Alert Facilities)

This permit hereby authorizes the applicant:

John Wright
90 CES/CEV 300 Vesle Drive
FEW AFB, WY 82005

to construct wastewater lagoons at various Missile Alert Facilities in the Southeast Corner of Wyoming according to the procedures and conditions of the application number 95-226. The facility is located in see attached for descriptions in various locations in Platte, Goshen, and Laramie counties, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

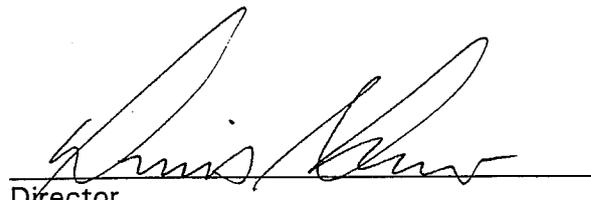
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 5 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of a 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 request for a deviation from Section 46(d)(i) of Chapter XI is granted due to the restricted space for the lagoons and the ability of the permittee to remove and dispose of the wastewater at other locations.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

7-12-95

Date of Issuance

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-226

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

No

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

Yes

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

No

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

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

Chapter XI Section 46(d)(i) requires the lagoon volume to be calculated using the equation provided.

B. Briefly state the basis for the deviation.

The area available for the lagoons is limited and therefore the size of the lagoons is not based upon total containment. Calculations have been proved that indicate that the lagoons will progressively fill up over a period of time. The applicant has indicated that they have the ability to move excess wastewater from lagoons which are filling up, to facilities at other locations which have more capacity in the wastewater lagoons, or to facilities which have other methods of wastewater disposal such as a leachfield.

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.)

Not Applicable - All sites have flow less than 2,000 gallons per day

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 July 5, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

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. 95-227
SPECIAL CONDITIONS

Lucerne School Wastewater Disposal Facility

This permit hereby authorizes the applicant:

Hot Springs County School District No. 1
415 Spring View
Thermopolis, WY 82443

to construct a pump chamber and leach bed to serve the southwest bathrooms according to the procedures and conditions of the application number 95-227. The facility is located in SW ¼ Section 32, T44N, R94W in the county of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of two (2) from the date of issuance of this permit.

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

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

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

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

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

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

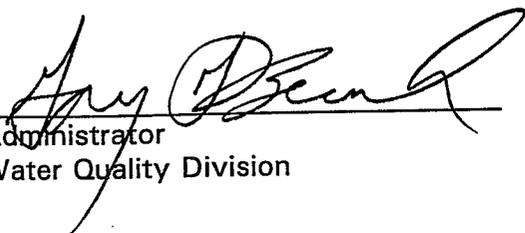
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

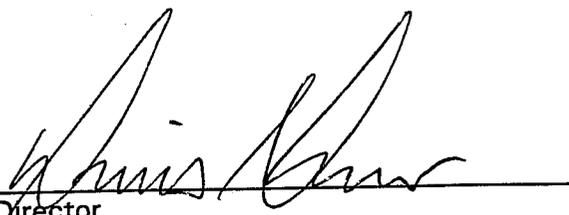
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6-20-95

Date of Issuance

JH/jyi
b/52612.ltr
cc: IPS

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-227
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- Not
- V. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

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

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 June 15, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

JH/b/52612.ltr

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-228
SPECIAL CONDITIONS

Bakken Subdivision No. 3, Treated Water Main

This permit hereby authorizes the applicant:

Bruce Wollschlager
2707 Big Horn Avenue
Cody, WY 82414

to construct an 8 inch ductile iron water main according to the procedures and conditions of the application number 95-228. The facility is located in E1/2 SE1/4 SE1/4 Tract 40 Resurvey, T53N, R101W in the county of Park, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6/14/95

Date of Issuance

JH/jm/nc 52456.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-228
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- NO
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- Not Applicable
- VI. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on June 7, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-229
SPECIAL CONDITIONS

Olson Leach Field

This permit hereby authorizes the applicant:

Donald H. Olson
P. O. Box 269
Greybull, WY 82426

to construct a replacement leach field according to the procedures and conditions of the application number 95-229. The facility is located in NE 1/4 Sec.32, T53N, R93W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6-20-95

Date of Issuance

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-229
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- Not Applicable
- VI. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on June 15, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

JH/b/52598.ltr

PERMIT TO CONSTRUCT

New
Renewal
 Modified

PERMIT NO. 95-230
SPECIAL CONDITIONS
REF/PERMIT #84-507

Edwards Small Wastewater Permit

This permit hereby authorizes the applicant:

Bud Edwards
2951 Snowy Range Road
Laramie, WY 82070

to install a replacement to the existing leach field according to the procedures and conditions of the application number 95-230. The facility is located in S 31, T16N, R73W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

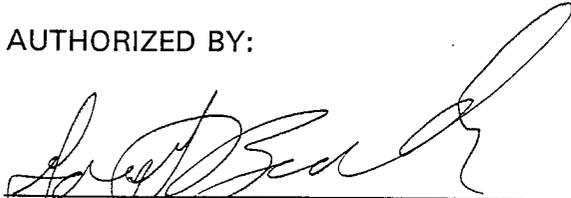
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 7 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 7 The applicant will provide immediate oral and/or written notice to 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 7 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 7 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 7. The permittee shall notify the Albany County Planning Office at least (2) days prior to installation of this system to arrange for inspections. Inspection of the installed system prior to backfilling may be required by the Planning Office. Albany County charges a fee for these inspection services. Their offices are located at 405 Grand Ave, Laramie, WY 82070; or they can be reached by phone at (307) 721-5286
- 6 of 7 The intent of the construction authorized by this permit is to provide facilities for the interim treatment of wastewater until such time that treatment is available through a regional wastewater system. The Laramie Wastewater Facility Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until August 1, 1995 or until services are available through the approved regional system which ever is sooner. These facilities will then be abandoned or integrated into the regional system in accordance with the requirements of the Facility Plan, unless the City of Laramie and Albany County jointly authorize an additional extension.

7 of 7 The leach field was proposed with minimal flow from the trailer house. The permittee has indicated that the trailer house is used for storage and that the wastewater flow from the trailer house is minimal. If the trailer is used as a residential unit in the future the permittee shall submit a permit application and expand the leach field to include 350 gpd from the trailer house.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6-7-95
Date of Issuance

GLS/jn - 52311.ltr

cc: Albany County Planning Office

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-230

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

No

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

Yes

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

No

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

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

Part D of Chapter XI of the Water Quality Rules and Regulations require that a septic system for a mobile home be designed with a flow rate of 350 gpd.

B. Briefly state the basis for the deviation.

The applicant has indicated that the mobile home is used for storage and has little wastewater flow and generally has no wastewater flow.

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

N/A

- VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Gary Steele, Southeast District Engineer, and completed on May 30, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

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. 95-231
SPECIAL CONDITIONS

Crandall-U.S. Forest Service Building, Pinedale

This permit hereby authorizes the applicant:

Craig L. Crandall
P.O. Box 99
Pinedale, WY 82941

to construct a pumped wastewater connection to the Town of Pinedale's collection system according to the procedures and conditions of the application number 95-231. The facility is located in SW ¼ S34 T34N R109W in the county of Sublette, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

The issuance of this permit 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.

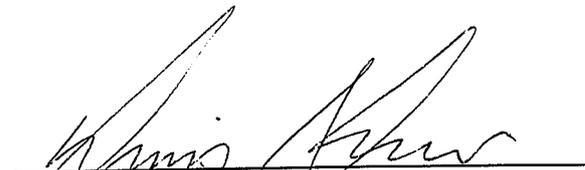
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

6/9/95

Date of Issuance

RRT/mad 52288.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-231
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
- Not Applicable
- V. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Randall Taylor, SW District Engineering Supervisor, and completed on 30 May 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

THE STATE OF WYOMING



RECEIVED
JUN 05 1995



MIKE SULLIVAN
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

June 1, 1995

Mr. Robert W. Campbell
Vista West Improvement and Service District
P.O. Box 1160
Sundance, Wyoming 82729

Re: Application For Permit to Construct, 95-232, Vista West Water Supply System

Dear Mr. Campbell:

This letter is to notify you that the above subject permit application was received on May 31, 1995 and has been assigned permit number 95-232. The engineer who will be reviewing this application is Brian Mark who can be contacted at the following telephone number (307) 672-6457.

In order to minimize the uncertainty associated with the time required to complete the permitting process, we track all permit applications as they progress through our system. Permits are generally reviewed in the order in which they are received. It is estimated that the initial engineering review of your application will be completed on or about June 9, 1995. If the application is complete and otherwise in compliance with applicable minimum standards it is estimated that a permit to construct can be issued on or about June 23, 1995.

If the application is incomplete or not in compliance with minimum standards a "Review of Plans and Specifications" will be sent to both the applicant and the engineer which identifies specific items that must be addressed before a permit can be issued. The length of time required to respond to these review comments will affect the final permit approval date. It is difficult to estimate the amount of time required for the engineer to prepare and submit a response to a particular review. However, based upon an estimated response time of 45 days, it is estimated that a reasonable target date for issuance of the final permit is on or about August 10, 1995.

If either the applicant or the engineer has any concerns with these target dates please let me know. We want to work with you to add certainty and predictability to the permit process.

Sincerely,


Brian Mark, P.E.

Senior Environmental Analyst, NE District, Water Quality Division

BDM/pr

cc: Richard Allen, Weston Engineering, P.O. Box 6568, Laramie, WY 82070
Patti Burns, IPS
Larry Robinson, DEQ/WQD, Cheyenne
Permit File: 95-232

TARGETS95-232

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-232
SPECIAL CONDITIONS

Vista West Water Supply System

This permit hereby authorizes the applicant:

Vista West Improvement and Service District
P.O. Box 1160
Sundance, Wyoming 82729

to construct, install or modify groundwater public water supply wells and transmission system according to the procedures and conditions of the application number 95-232. The facility is located in Section 33, Township 52 North, Range 63 West, and Sections 4 and 9, Township 51 North, Range 63 West in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of one year from the date of issuance of this permit.

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

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

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

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

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

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

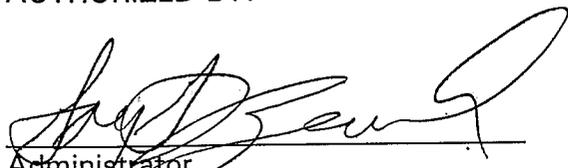
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

The permittee shall construct and operate the permitted facility in accordance with the 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.

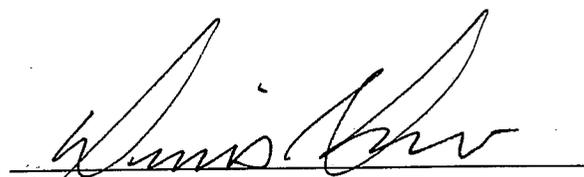
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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

9-15-95
Date of Issuance

BDM/pr:mad 54098.LTR

cc: Richard Allen, P.E., Weston Engineering, P.O. Box 6037, Laramie, WY 82070
Jerry Hunt, P.E., Weston Engineering, P.O. Box 260, Upton, WY 82730

STATEMENT OF BASIS

General information.

A. Permit Number: 95-232

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 15, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51933.DOC

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



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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July 12, 1995

James Skelton
910 Skelton Road
Thermopolis, WY 82443

RE: As-Built Permit To Construct, WQD Reference Number 95-233R

Dear Mr. Skelton:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application that you submitted. Our review of the information and as-constructed plans submitted to this office indicates that the application meets DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers the leachfield which was recently constructed as well as the original system constructed in 1978.

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

Sincerely,

Dennis Hemmer
Director
Department of Environmental Quality

DH/JH/jyi
Enclosure

AS-BUILT
PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 95-233R
SPECIAL CONDITIONS

Skelton Wastewater Disposal System

This permit hereby authorizes the applicant:

James Skelton
910 Skelton Road
Thermopolis, WY 82443

to have constructed a leach field extension according to the procedures and conditions of the application number 95-233R. The facility is located in NW¼ NW¼ Section 2, T43N, R94W in the county of Hot Springs, in the State of Wyoming.

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

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

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

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

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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

7-17-95

Date of Issuance

JH/jyi
b/52996.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 95-233R

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

Not

V. Documentation of Statement of Basis.

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

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

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 July 11, 1995. As-Built Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

JH/b/52996.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-234
SPECIAL CONDITIONS

Golden Meadows Subdivision

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities
2101 Pioneer Avenue
Cheyenne, WY 82001

to modify the existing municipal distribution and collections systems for construction of several townhomes according to the procedures and conditions of the application number 95-234. The facility is located in SW 1/4 Section 23, 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 Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6-16-95
Date of Issuance

STATEMENT OF BASIS

General information.

A. Permit Number: 95-234

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.

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. 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 June 14, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

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. 95-235
SPECIAL CONDITIONS

Ponderosa Ridge Nursery Site #1 (Commercial Septic System)

This permit hereby authorizes the applicant:

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

to construct install a commercial septic system for disposal of the domestic waste at Nursery Site #1 according to the procedures and conditions of the application number 95-235. The facility is located in Lot 2, Section 35, 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 Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

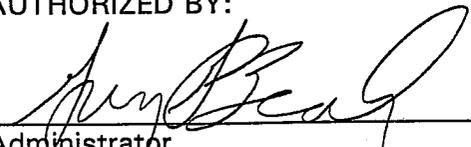
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

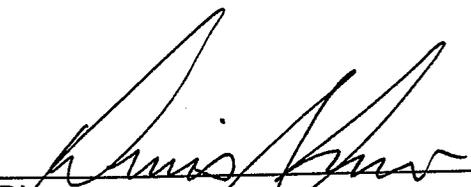
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 5 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 5. The permittee shall notify the Laramie County Environmental Health Division at least (2) days prior to installation of this system to arrange for required inspections. Inspection of the installed system is required prior to backfilling. Laramie County Environmental Health charges a fee for these inspection services. Their offices are located at 100 Central Ave, Cheyenne, Wyoming 82007; or they can be reached by phone at (307) 633-4090

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

1-3-95

Date of Issuance

GLS/nc 52761.LTR

cc: Laramie County Environmental Health, 100 Central Ave, Cheyenne, Wyoming 82007

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-235

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 June 26, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

GLS/nc 52761.LTR

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Nursery Site #1 Septic System

ENGINEER: Jim Murphy
A.V.I. p.c.
2035 Westland Road
Cheyenne, WY 82001

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

WATER QUALITY REFERENCE NUMBER: 95-235

APPROVING ENGINEER: Gary Steele



DATE OF REVIEW: June 13, 1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1 of 1 The loading of the trench for the leach field is done by calculating the area under the rock and include the area of the sidewalls. The area of the sidewalls however only includes that portion of the rock that is under the drain pipe. In the design report as submitted the rock under the drain pipe would be 34.5 inches by 190 feet which calculates to 548 square feet for one side or 1,096 square feet for both sides. The addition of the sidewall area calculated above and the bottom are equals 1,666 square feet which is less than the 1,731 square feet required.

Please make the appropriate changes in the size of the leach field to meet the required amount and change the drawings and details to correspond with the size changes.



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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July 2, 1996

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

**Re: Permit to Construct #95-236
Interceptor Trenches Nos. 1 and 2
Casper, WY**

Dear Mr. Irvin:

The Wyoming Department of Environmental Quality (WDEQ), Water Quality Division (WQD) and Solid and Hazardous Waste Division (SHWD) have reviewed the referenced Permit to Construct application materials, including the May 30, 1995, application, the March 6, May 7, and June 25, 1996, revision attachments to the application, the May 6, and June 25, 1996, sampling and analysis plans and the June 17, 1996, comments on the May 16, 1996, draft permit. Comments, requirements and recommendations are summarized on the enclosed review form.

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

Sincerely,

Carl Anderson
Solid and Hazardous Waste Division

Phillip Stump
Water Quality Division

enclosures: WDEQ Review Form
Permit to Construct #95-236

xc: Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne
Linda Jacobson, U.S. EPA Region VIII, Denver
Tom Aalto, U.S. EPA Region VIII, Denver
Reed Zars, Sierra Club
Carl Anderson, WDEQ/SHWD
Matt Burrows, TRC Environmental Corporation

GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002
(307) 777-7781 (WQD)
(307) 777-7752 (SHWD)

PROJECT: Interceptor Trenches Nos. 1 and 2

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

**APPLICANT'S
ENGINEER:** Matt Burrows
TRC Environmental Corporation
11 Inverness Drive East
Englewood, CO 80112

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 95-236
TITLE: Construction Design Specifications for Replacement of Trenches 1 and 2 at the
Texaco Casper Refinery

PROPOSAL PLANS REPORT

DATE ON PROPOSAL/PLANS/REPORT: May 30, 1995 application; March 6, May 7, and June
25, 1996 revision attachments; May 6, and June 25,
1996 sampling and analysis plans; June 17, 1996,
comments on the May 16, 1996, draft permit

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

YES_ NO_

REVIEWING WQD PERSONNEL: Phillip Stump

REVIEWING SHWD PERSONNEL: Carl Anderson

DATE OF LAST REVIEW: May 16, 1996

DATE OF THIS REVIEW: July 2, 1996

ACTION: AUTHORIZED FOR CONSTRUCTION

I. REQUEST/REQUIREMENTS/RECOMMENDATIONS:

GENERAL COMMENTS

WDEQ - WOD & SHWD

1. **Water Balance.** WDEQ has reviewed Texaco's March 6, May 7, and June 25, 1996, revisions to the original application. Texaco's responses have adequately addressed the majority of concerns identified by WDEQ in the initial review of the application.
2. **Dewatering Plan.** Section 2, 02770 indicates a dewatering plan must be submitted by the contractor, 'if required'. Given the proposed method of trench construction, it is unlikely that wastewaters will be generated during construction of the ground water and DNAPL drain lines and the barrier wall. However, it is possible that wastewaters may be generated by other trench construction activities (e.g., construction of the LNAPL sumps). If for construction activities other than placement of the ground water and DNAPL drainlines and the barrier wall, the contractor proposes to use a method that does not generate wastewater, a general description of the method shall be submitted prior to construction. This information shall include a description of the techniques to be used and the level of the present water table below the location(s) of the construction activity. Further, if the contractor proposes to use a biopolymer slurry during construction activities, Texaco shall identify the polymer, submit an MSDS sheet for the polymer, and discuss the polymer's half-life and degradation products.

If dewatering is necessary, Texaco must submit to the WDEQ and EPA any dewatering plan prior to construction activities. At a minimum, the plan must address the volume of water generated and how it will be characterized, managed and treated, including where it will be stored and discharged. In addition, if it is anticipated that DNAPL will be generated during construction activities, Texaco shall describe how the DNAPL will be managed.

3. **NAPL Recovery.** Attachment 1 indicates that DNAPL recovery wells SS-98 and SS-102 will not be used to recover DNAPL once Trench No. 2 is operational. SS-98 is included in the monitoring program to measure DNAPL thickness and monitor the effectiveness of Trench No. 2 in capturing DNAPL. If monitoring indicates Trench 2 is not effective in recovering DNAPL, it may be necessary to resume recovery of DNAPL at SS-98 and/or SS-102 or take other measures to recover DNAPL in this area. In addition, it may be necessary to install additional wells to monitor migration of DNAPL down the sloping bedrock surface away from Trench No. 2.

During construction of Trench No. 2, a geoprobe or other subsurface investigation technique is proposed to be used to define the bedrock surface in this area. During this subsurface investigation activity, any semi-confining layers above bedrock need to be identified, if possible, because of the potential for DNAPL pooling and migration at these levels. Any information on semi-confining layers obtained during subsurface investigation activities shall be submitted in the final O & M Manual.

If Trenches Nos. 1 and 2 are not effective in capturing and recovering LNAPL, Texaco may be required to take additional measures to capture and recover LNAPL including, but not limited to additional LNAPL sumps or recovery wells

4. **Groundwater Monitoring Program.** The proposed monitoring program shall be consistent with the monitoring programs for Trenches Nos. 3 and 4 and shall contain a finalized map of the proposed locations of the piezometers and the monitoring wells. WDEQ requests that a minimum of five (5) trench piezometers are installed in or as near as reasonably possible to the gravel fill areas of the DNAPL underdrain in Trench No. 2 to enable the detection and measurement of DNAPL thicknesses. In addition, the monitoring program should include sufficient downgradient wells and piezometers to monitor the entire saturated thickness.

Shallow, downgradient wells should monitor water levels and water quality and detect LNAPL. Deeper wells should be capable of monitoring dissolved constituents by-passing the trench at deeper levels of the aquifer, as well as detect DNAPL. 'As-built' construction detail and borehole logs shall be submitted for any new wells and piezometers. A final ground water monitoring program shall be included in the final O&M Manual.

In evaluating trench performance relative to dissolved constituents, the permit requires Texaco to evaluate downward, asymptotic, flat or upward trends on time vs concentration plots of the constituent data. These trends need to be evaluated with respect to the trenches' effectiveness in halting releases of dissolved constituents to the area between the trenches and the river. The department acknowledges that residual contamination exists in this area. However, the trenches should effectively eliminate any further 'loading' of the system by flow of dissolved constituents or free product to this area. For purposes of the permit, the department would consider a downward trend approaching or going below a constituent level specified in Appendix A of the permit as an indication that the trenches are effective in controlling releases of that constituent. Downward trends that become asymptotic before reaching an Appendix A constituent level would probably reflect the effectiveness of the trenches in controlling releases of that constituent, but that significant residual contamination for that constituent exists in the soils between the trenches and river. A second possible conclusion that may be reached is that the trenches are only partially effective in controlling releases of the constituent. Flat or upward trends would probably be an indication the trenches have not been effective in controlling releases of dissolved constituents and/or free product. If flat, upward or asymptotic (above an Appendix A constituent level) trends are noted during the first six (6) months of trench operation, Texaco must meet with the department to discuss the trends and possible modifications to the trench system to make it more effective in controlling flow past the trenches of dissolved constituents and/or free product.

5. **Profile Views.** In the O&M Manual, Texaco shall submit 'as-built' construction details of the perforated piping to verify the size and spacing specifications and shall also submit 'as-built' drawings of the trench profile views. The profile views shall illustrate the depth of trench installation, depths at which bedrock is encountered, depth and length of the perforations on the LNAPL, DNAPL, and water recovery sumps and piezometers. Also, the details of the 'as-built' perforation inlet areas need to be provided.
6. Existing Trenches Nos. 1 and 2 shall be properly plugged (e.g., with bentonite slurry, portland cement) or removed to ensure they do not serve as a preferential migration pathway for contamination. Texaco shall excavate a minimum twenty (20) foot section of the existing pipes (10 feet north and 10 feet south of any crossing with the barrier wall or the DNAPL or ground water drainlines), cut off the pipes a minimum of ten (10) feet back from any crossing and seal or cap the ends of the pipes. Seals shall be water tight. Texaco shall also place a five (5) foot diameter bentonite seal around the end of the pipes to prevent preferential ground water flow in the gravel around the pipes.
7. The **final** O&M Manual shall be submitted within (60) days after start-up of the Trenches Nos. 1 and 2. The O&M Manual shall contain the items described in the application (p. 63) and a description of the modifications and fine-tuning which was required to enhance the operation of the interceptor trenches.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-236
SPECIAL CONDITIONS
REF/PERMIT #

Interceptor Trenches Nos. 1 and 2

This permit hereby authorizes the applicant:

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

to construct, install or modify interceptor trenches according to the procedures and conditions of the application number 95-236. The facility is located in NW1/4, Section 6, R78W, T33N in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of five years from the date of issuance of this permit.

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

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

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

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

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

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

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

The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents 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. Trenches Nos. 1 and 2 shall be effective in eliminating free product flow past the trenches and into the North Platte River, shall ensure no exceedances above background of in-stream standards resulting from free product flow past the trenches, shall be effective in eliminating sheening from free product flow past the trenches into the North Platte River and shall eliminate or

reduce the flow of dissolved constituents past the trenches and into the North Platte River. The compliance program for monitoring the effectiveness of Trenches Nos. 1 and 2 shall commence upon full operation of the trench system and shall consist of the following components:

- a. For the first year of trench operation, monthly water level and NAPL thickness measurements shall be made at the monitoring locations specified in Condition 3. of 8. In addition, when the river level stage of the North Platte River changes six (6) inches or more within twenty-four (24) hours, Texaco shall take water level measurements immediately after river stage change and on alternate days until equilibrium between the trench system and the river exists. Following the first year of trench operation, Texaco may petition the department to modify the water level and NAPL thickness monitoring program to change the monitoring frequency(s) and locations. Texaco may petition sooner than one (1) year if the river stage fluctuates frequently.
- b. For the first six (6) months of trench operation and on a monthly basis, Texaco shall analyze five (5) surface water samples from along the south bank of the North Platte River parallel to the trace of Trenches Nos. 1 and 2 and one (1) sample from a control point upstream of the facility which could not have been affected by refinery operations for the constituents specified in Appendix A of this permit and compare the results with existing in-stream standards. The comparative evaluation shall be part of the first and second quarterly reports described in Conditions 3. of 8. and 4. of 8. During the surface water sampling events, Texaco shall also observe and document any sheening on the North Platte River and the information shall be submitted in the quarterly reports.
- c. At the end of one (1) year of trench operation, Texaco must meet the concentration levels for the Appendix A constituents at the wells specified in Condition 3. of 8. In the event, Texaco cannot meet the Appendix A standards at the conclusion of the one (1) year compliance period, Texaco shall submit a plan describing how Texaco intends to meet the standards. This plan shall be due sixty (60) days following the end of the one (1) year compliance period. The first year of trench operation will be used by Texaco to collect data and establish constituent trends (time vs concentration) for the specified wells. Prior to trench construction and equipment mobilization, Texaco must establish a baseline for the constituents in the specified wells and one (1) background well. For the first six (6) months of trench operation, Texaco must monitor the specified wells monthly for the Appendix A constituents (including, but not limited to metals as total metals) and bi-weekly (every two weeks) for BTEX constituents. In the first and second quarterly reports described in Conditions 3. of 8. and 4. of 8., Texaco must evaluate specified well data, background well data and constituent trends (time vs concentration) including downward, asymptotic, flat or upward trends. After one (1) year, Texaco may petition the department to modify the number of constituents and wells and monitoring frequencies.

2. of 8. Texaco concurs that the final Operations and Maintenance Manual (O&M) shall be submitted sixty (60) days after the trench system is fully operational. The final O&M will contain final 'as-built' construction drawings of any modifications to Interceptor Trenches Nos. 1 and 2, as well as details of the monitoring and compliance program.

3. of 8. The monitoring and reporting plan shall be adhered to as follows:

WELL NAME OR NUMBER	STATIC ELEVATION /NAPL THICKNESS/ CONSTITUENT MONITORING	RECORD TOTAL VOLUME PUMPED	REPORTING	SUMMARY REPORT
PZ1-1 thru PZ1-9; PZ2-1 thru PZ2-9; MW1, MW1d, SS124, SS126, SS125, SS36, SS128, SS91, SS91d, SS2, SS12, SS43, SS40, SS52, SS130, SS105, SS129, SS104, SS98, MW6a, MW5, SS35; a minimum of five (5) new piezometers completed in or as near as possible to the gravel backfill of the DNAPL drainline; new wells B, C, D, E, F, G, H, I; all staff gauges and bank piezometers	Elevation/NAPL Thickness: Monthly (1st year) Quarterly (2nd and 3rd year) (DNAPL thickness monitoring at Trench No. 2 wells and piezometers, only)		Quarterly (1st year) Semi-annually thereafter	Annually
SS126, SS124, SS125, SS36, SS128, SS91, SS91d, SS98*, SS130*; new wells A, E*, G*, H*, I*; five surface water locations	Appendix A constituents: Monthly for 1st six months, quarterly thereafter; BTEX: biweekly for 1st six months		Quarterly (1st year) Semi-annually thereafter	Annually
GRS1-1 thru GRS1-3; GRS2-1 thru GRS2-3; LRS1-1 and LRS1-2; LRS2-1 thru LRS2-3	Monthly (DNAPL thickness, DNAPL Recovery Sump, only)	Monthly (total water and LNAPL) When pumped (DNAPL - DNAPL Recovery Sump, only)	Quarterly (1st year) Semi-annually thereafter	Annually

* (asterisk) - indicates samples to be collected from the upper and lower section of the screen interval

4. of 8. Reporting:

- a. For the first year of trench operation, Texaco shall submit quarterly reports presenting and summarizing the monitoring data necessary for compliance with Condition 3. of 8. In addition, for the first and second quarterly reports, Texaco shall submit the comparative analysis for in-stream

sampling, the constituent trend evaluations and reports on sheening required in Condition 1. of 8. After one (1) year, reporting shall be reduced to semiannual.

- b. After one (1) year of trench operation and annually thereafter, Texaco shall submit an annual report summarizing and documenting all trench performance monitoring and describing plans and schedules for future operations. The report shall include an evaluation of the system's performance in meeting its original objectives. At a minimum the report shall contain the following:
- (1) A description of Interceptor Trenches Nos. 1 and 2 operation and an analysis of the empirical data from the operation which includes:
 - (a) performance results (zone of influence, results of DNAPL and LNAPL monitoring, elevation monitoring, NAPL volumes pumped, constituent monitoring, etc.);
 - (b) documentation of any oil sheening observed on the North Platte River within the quarterly reports;
 - (c) documentation of any shut-downs or downtime (problems encountered and responses taken).
 - (2) Empirical data shall be presented in tabular form (total volumes of LNAPL, DNAPL, and water pumped, etc.) and in graphical form (volumes of groundwater, LNAPL, and DNAPL recovered vs. month of operation), and;
 - (3) Plan view maps of the site illustrating:
 - (a) piezometric surface (water table elevations) in the trench area for high and low water table conditions during the previous year;
 - (b) free product (LNAPL and DNAPL) thickness contour maps from the monthly monitoring events; and
 - (c) locations of the trench and manholes, monitoring wells, piezometers, and the river.
5. of 8. Texaco shall continuously operate Interceptor Trenches Nos. 1 and 2 and needs to obtain permission from DEQ/Solid and Hazardous Waste Division (SHWD), prior to turning off the system for reason other than for routine maintenance. If the system is shutdown for more than one (1) day, Texaco shall notify DEQ/SHWD, Cheyenne, by phone within (1) day and in writing within (5) days.
6. of 8. If not completed previously, Texaco shall install an adequate number of staff gauges along the south bank of the North Platte River to allow evaluation of the hydraulic relationships between the interceptor trenches and the river. Staff gauge measurements shall be taken at the frequencies described in Condition 3. of 8.
7. of 8. Texaco must use all reasonable means feasible to prevent or minimize releases to the North Platte River during trench construction. If trench construction activities result in visible releases or seeps of hydrocarbon to the North Platte River, Texaco must use the most effective means readily available to recover or contain releases including, but not limited to sorbent booms and/or curtain booms.
8. of 8. Existing Trenches Nos. 1 and 2 shall be properly plugged (e.g., with bentonite slurry, portland cement) or removed to ensure they do not serve as a preferential migration pathway for contamination. Texaco shall excavate a minimum twenty (20) foot section of the existing pipes (10 feet north and 10 feet south of any crossing with the barrier wall or the DNAPL or ground water drainlines), cut off the pipes a minimum of ten (10) feet back from any crossing and seal or cap the ends of the pipes. Seals shall be water tight. Texaco shall also place a five (5) foot diameter bentonite seal around the end of the pipes to prevent preferential ground water flow in the gravel around the pipes.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

July 2, 1996

Date of Issuance

cc: Matt Burrows, TRC Environmental Corporation

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APPENDIX A
PERMIT NO. 95-236

COMPLIANCE MONITORING STANDARDS

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

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



THE STATE OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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February 1, 1996

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

Re: **Permit to Construct #95-236**
Interceptor Trenches Nos. 1 and 2
Casper, WY

Dear Mr. Irvin:

The Wyoming Department of Environmental Quality (WDEQ), Water Quality Division (WQD) and Solid and Hazardous Waste Division (SHWD) have reviewed the referenced Permit to Construct application materials. Comments, requirements and recommendations are summarized on the enclosed review form. You should be advised, EPA has provided technical review of this application for a Permit to Construct.

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

Sincerely,

Carl Anderson
Solid and Hazardous Waste Division

Phillip Stump
Water Quality Division

enclosures: WDEQ Review Form

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

GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002
(307) 777-7781 (WQD)
(307) 777-7752 (SHWD)

PROJECT: Interceptor Trenches Nos. 1 and 2

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

**APPLICANT'S
ENGINEER:** Matt Burrows
TRC Environmental Corporation
11 Inverness Drive East
Englewood, CO 80112

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: **95-236**
TITLE: Construction Design Specifications for Replacement of Trenches 1 and 2 at the
Texaco Casper Refinery

PROPOSAL PLANS REPORT

DATE ON PROPOSAL/PLANS/REPORT: May 30, 1995

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

YES_ NO_

REVIEWING WQD PERSONNEL: Phillip Stump

REVIEWING SHWD PERSONNEL: Carl Anderson

DATE OF LAST REVIEW: N/A

DATE OF THIS REVIEW: January 19, 1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

I. REQUEST/REQUIREMENTS/RECOMMENDATIONS:

GENERAL COMMENTS

WDEQ - WQD & SHWD

1. **Water Balance.** WDEQ concurs that the groundwater modelling can help predict the amount of mounding that is caused by the installation of the HDPE cutoff walls. The modelling can also help predict the required pumping rate from the 6 recovery sumps (Trench 1 and 2) and the two other recovery sumps (Trench 3 and 4) that will achieve complete capture. However, the two dimensional flow model assumed a barrier system and seven (7) recovery sumps existing for the entire trench system, including trenches 3 and 4. This is not consistent with existing site conditions; there are no barriers at trenches 3 and 4 and in its final configuration, there will be more than seven pumping points along the entire trench system. Does this approach lead to a reasonable conclusion that the pumping rates should be adequate to maintain a line sink and produce adequate capture along the full lengths of the trenches? Texaco should model the system as it exists at trenches 3 and 4 and is proposed for trenches 1 and 2. In addition, it would be more realistic and reliable to model each segment and recovery sump for trenches 1 and 2.

Further, the pumping rates during high water table (high river levels) would vary from the rates during lower water table conditions. The groundwater modelling results were performed using Aug. '94 water level elevations from a higher river stage and a high water table condition. An additional modelling analysis is required to simulate low water table conditions. The results from the analysis will better predict whether adequate capture is occurring or whether the water table is beneath the trench (e.g., groundwater flowing beneath Trench No. 1 replacement, etc.).

Although the model predictions will help when sizing equipment (i.e., piping, pumps, etc.) in the containment system and when predicting mounding from the barrier wall, the actual pumping rates will be adjusted in the field at each recovery sump. The recovery rates should be adjusted to maintain the line sink and adequate capture of the dissolved and LNAPL contamination.

- a. **Boundary Conditions** The river is a constant head boundary in the Flowpath modelling analysis. A constant head boundary condition implies that the river is constantly flowing at the same level and is an infinite source of water. This type of boundary is not always realistic to field conditions over long periods of time. Since seasonal stream hydrographs are available for the North Platte River, when modelling longer periods of time it may be more realistic to model the stream as a variable head boundary.

The river is also being modelled as a straight line. Since the river has significant bends near the refinery, the boundary of the river should not be modelled as a straight line.

- b. **Trench HDPE Boundary** Is the partially penetrating HDPE properly represented in the modelling analysis (i.e., no-flow boundary)? Since the proposed barrier walls will not be installed completely to the bedrock level in Trench No. 1 and 2, the walls are not a true no-flow boundary.
- c. **Trench Pumping Rates** The seasonal pumping rates for the recovery sump in trench 3 are known. Any known pumping rates (i.e., trench 3 and trench 4, if operational) should be utilized in the modelling analysis. If the water level in the trenches drops below the bottom of the main drainlines in the trenches, the recovery of water will discontinue and this condition should be checked during the modelling process.

- d. **Saturated Thickness** Please identify the bedrock topography data that supports the variable saturated thicknesses incorporated into the modelling analysis (i.e., 10, 20, and 30 ft. thicknesses). Although approximately 2000 ft. of LARCo's property is included in the modelled area, the significant off-site changes in bedrock elevations (i.e., bedrock highs) have not been incorporated into the input modelling parameters. The LARCo site characterization information is readily available at the Natrona County Library.
- e. **Surface Water Ponds and Ditches** Are the surface water ponds and ditches accurately modelled (i.e., recharge areas that intercept groundwater flow and/or hydrologic features that increase the hydraulic head after significant precipitation events, etc.)?
- f. **Miscellaneous Comments**
The design/construction plans in appendices A and B indicate there will be six (6) ground water recovery sumps for trenches 1 and 2, but the modelling used seven (7) recovery sumps for the entire trench system. Page 58 of the application states that a pumping rate of 36 gpm at seven (7) points along the entire trench system will provide adequate capture. However, the keys to figures 25, 26 and 27 show the pumping rate to be 43 gpm at seven (7) points even though the figures show eight (8) pumping points. The application is silent on the pumping rate for adequate capture at six (6) points in trenches 1 and 2.

The one and two dimensional flow models used different assumptions, but the application concludes the models produce similar results. For example, the two dimensional model assumed $K = 800$ ft/day for trenches 1 and 2, while the one dimensional model assumed $K = 1255$ ft/day for trench 1 and 450 ft/day for trench 2. Also, the two dimensional model assumed a barrier wall, but the one dimensional model did not. The application should further explain the different assumptions and their acceptability for use in the models.

In attachment B of the application, the S_c (equivalent confined drawdown at trench face) and S_u (actual unconfined drawdown at trench face) values are different for the trench 1 and 2 inflow calculations. Shouldn't these values be the same?

2. **Distribution Coefficients.** It is not clear why this section (3.6.6) has been included in the application. The second sentence of the first paragraph of this section (page 43) refers to a figure depicting the location of the four (4) boreholes for soil samples; this figure could not be found. Using information provided in the text and tables 5 and 6, it was not possible to reproduce the K_{DS} found in Table 7. The data in Table 6 are supposedly equilibration data between site soil and ground water. The rationale for calculating the equilibration data are not clear and it doesn't appear to have been applied appropriately to determine K_{DS} . For example, BH-19 has 260 ppb benzene in soil and the site ground water (SS-20) has 3600 ppb benzene. How can an equilibrated water between these soil and water samples have a benzene concentration less than that found initially in the site ground water? This would indicate that benzene is partitioned to the solid phase and that the equilibrated soil would have more benzene than it initially had. These conclusions are contrary to generally accepted benzene K_{DS} and solubilities. In the last paragraph of this section (page 46), it states that Figure 1 shows there is a direct correlation between TVH and the distribution coefficient. Figure 1 is not the correct reference.
3. **Dewatering Plan.** Section 2, 02770 indicates a dewatering plan must be submitted by the contractor, 'if required'. Construction of the trench will encounter contaminated ground water

and probably NAPLs. A dewatering plan must be in place prior to construction to ensure these wastes are managed properly.

- a. If the contractor uses a method to install the trench that does not generate wastewater, a general description of the method shall be submitted prior to construction. This information shall include a description of the techniques to be used and the level of the present water table below several locations along the length of the proposed trenches. Furthermore, if dewatering is necessary, Texaco must submit to the DEQ and EPA any dewatering plan prior to trench construction. At a minimum, the plan must address the volume of water generated and how it will be characterized, managed and treated, including where it will be stored and discharged. Since Trench No. 2 is to be completed in areas of DNAPL, Texaco shall describe how the DNAPL will be managed.
 - b. As with Trench 4, Texaco should use the opportunity during construction and dewatering of trench 2 to visually inspect bedrock fractures and the integrity of the bedrock. The department continues to be concerned that bedrock fractures may act as a conduit for contaminant migration, specifically DNAPLs. In order to adequately characterize bedrock fractures and their potential to act as a contaminant migration pathway, Texaco will be required to have a qualified geologist describe the bedrock fractures exposed during trench construction dewatering. If the trench is not dewatered during construction, it will be necessary for Texaco to dewater the trench one time to make this assessment. Characterization of the bedrock fractures should include a description of their orientation, pattern, density, spacing, and secondary mineralization and an assessment of the fracture permeability relative to the primary permeability of the bedrock. In order to satisfy this requirement, and in lieu of fracture assessment during trench dewatering, Texaco may use data and information obtained from previous bedrock geotechnical work and from direct observation of bedrock outcrop (by a qualified geologist), if that outcrop correlates stratigraphically with, and is representative of, bedrock encountered during trench excavation.
4. **DNAPL Recovery.**
- a. The application (TRC Environmental Corp. p. 35) states that well SS-98 recovered DNAPL at reasonable rates when pumped slowly. What are Texaco's plans for continuing to pump SS-98 and other recovery wells where significant DNAPL can be recovered?
 - b. The application (p. 48) indicates that the barrier wall will be installed approximately two feet above bedrock in Trench No. 2 to enhance DNAPL recovery. Texaco shall perform visual inspections of the fracturing, integrity and depth of the bedrock upon dewatering the excavation in Trench No. 2. Any semi-confining layers above bedrock need to be identified due to the potential of the DNAPL pooling and migrating at these levels. The depth of the barrier wall may need to be raised at these locations.
 - c. Is there any historical data to indicate that the DNAPL is flowing towards the southwest across the sloping bedrock surface (Application, p. 48) in the vicinity of Trench No. 2?
 - d. The application (p. 49) states that DNAPL will be pumped on an as needed basis when approximately 2 ft. of product is present. How often will the DNAPL level in the sump be measured? If the DNAPL recovery is significant, an automatic control (i.e., fluid level start-up and shut-off) may be warranted. Can automatic control be implemented? Will the DNAPL tank contain an automatic shut-off control to prevent overfilling?

5. **Groundwater Monitoring Program.** The proposed monitoring program shall be submitted before permit issuance and shall contain a finalized map of the proposed locations of the piezometers and the monitoring wells. DEQ requests that trench piezometers are installed in the gravel fill areas of the DNAPL underdrain in Trench No. 2 to enable the detection and measurement of DNAPL thicknesses. In addition, DEQ requests that nested (shallow/deep) downgradient wells be constructed. Shallow, downgradient wells should monitor water levels and water quality and detect LNAPL. The deeper wells should be capable of monitoring dissolved constituents by-passing the trench at deeper levels of the aquifer, as well as detect DNAPL. 'As-built' construction detail and borehole logs shall be submitted for any new wells and piezometers.
6. **Geology.** The bedrock elevations in the Trench 1 and 2 application (Figure 7) are slightly different than the bedrock topography in the June 21, 1995, RFI Report (Figure 2.13). Please explain the discrepancies in the bedrock topography figures.

The cross-sections C, B, A (Figures 4, 5, and 6) presented in the application do not identify the location of borings of the monitoring wells that lie within the cross-section. The small size of the drawings makes it difficult to identify any details. Please provide larger drawings that illustrate boring and trench locations. Additional cross-sections lying parallel to the groundwater flow direction and passing through the center of Trench No. 1 and No. 2 would also be helpful.
7. **Profile Views.** In the Profile Views of Trench 1 and 2 (Plate 11116-58-T1 and Plate 11116-58-T2) for the groundwater and LNAPL recovery drains, the limit of excavation 'line' has been identified, but the reason for this excavation depth was not stated (e.g., the depth will enable 0.5 to 1 ft. of drawdown during the lowest water table conditions, installation depth is limited by economics or structural feasibility, etc.). Along the east end of Trench No. 2, it is apparent that the trench excavation depth is limited by bedrock.

Texaco shall submit 'As-built' construction details of the perforated piping to verify the size and spacing specifications. Texaco shall also submit 'As-built' drawings of the trench profile views in the O & M Manual. The profile view shall illustrate the depth of trench installation, depths at which bedrock is encountered, depth and length of the perforations on the LNAPL, DNAPL, and water recovery sumps and piezometers. Also, the details of the 'as-built' perforation inlet areas need to be provided.
8. **Cross-section Views.** The cross-sections of Interceptor Trench No. 1 and 2 illustrate vertical placement of the HDPE barrier wall. The application describes the barrier wall as angled or sloping to improve in the recovery of product. Please clarify at what angle the barrier wall in Trench No. 1 and No. 2 will be installed. The 'as-built' diagrams will need to illustrate the sloping placement of the barrier wall.
9. The **final** O&M Manual shall be submitted within (60) days after start-up of the Interceptor Trench No. 1 and 2. The O&M Manual shall contain the items described in the application (p. 63) and a description of the modifications and fine-tuning which was required to enhance the operation of the interceptor trenches.
10. **Miscellaneous Comments**
 - a. Page 50 of the application indicates soils excavated during trench construction will be characterized. This is different than the approach used for excavated soils from trench 4 and should be clarified.

b. Page 48 of the application indicates the bottom elevation of the barrier wall in trench 1 will be 5065', while the bottom elevation of the barrier wall in trench 2 will be 5071.5 (east) to 5062' (west). Further, the application assumes capture to 5064'. The barrier wall in trench 1 should extend to the capture depth and preferably to 5062' to key with trench 2.

c. Trench 1 is approximately 20 feet deep and only 10 feet above bedrock. Trench 2 is completed to bedrock for much of its length and is only about 7 feet above bedrock for the remainder. Texaco should fully describe why the trench/barrier system isn't proposed to be completed to bedrock over its entire length.

d. On Drawing 11116-58-T1, the ground water and LNAPL recovery sumps (GRS1 and LRS1, respectively) are not located in the center of their segment of trench 1. This segment is nearly 420' in length, but GRS1 and LRS1 are only 120' from the eastern end of the segment. All other segments of trenches 1 and 2 are shorter (240') and the sumps are located in the center. It would be appropriate to locate GRS1 and LRS1 in the center of the segment to ensure adequate capture occurs and to prevent by-pass around the western end of the trench. Would a higher pumping rate be justified for ground water recovery?

e. There is nothing in the application discussing the status, demolition or decommissioning of existing trenches 1 and 2. Will leaving these old trenches in place have any effect on the performance of the new trenches?

f. On Drawing 11116-58-D2, Detail 2, the LNAPL transmission lines from trenches 1 and 2 are labelled as 1-1/4" diameter. At the intersection of these lines, it appears the coupling and single transmission line are larger than 1-1/4", but the piping is labelled as being 1-1/4" diameter.

g. Page 62 of the application indicates DNAPL will be recycled as marine stock. Please define marine stock.

f. The application must contain verification that Mr. Matt Burrows is a professional engineer registered in Wyoming.

The following comments have been made by EPA Region VIII:

General Comments:

We note the following general inadequacies:

a. Insufficient characterization of the following to allow proper placement and design of the system and waste management:

- geology
- bedrock slope
- depth of excavation into the bedrock and the bedrock
- placement and design of the sumps relative to the bedrock integrity
- proximity to river to include existence of old river channel and flood plain impacts
- standards for system performance
- river stage impacts
- adequacy of design to allow for groundwater/LNAPL interface depth from ground surface
- target effectiveness of trench and how measured: head difference, capture zone, compliance concentrations
- pump placement: number of pumps, pumping rates, desired drawdown, zone of influence, level control

- adequacy of number of wells/piezometers to assess trench effectiveness and establishment of more than 1 staff gauge for river level
- identification of which wells to be monitored and discussion of well construction adequacy
- moisture/oil content of soils to be excavated
- soils characterization for proper worker protection and waste management
- lessons learned from LNAPL Trench 3 installation to minimize releases to the River
- materials selection, including fabric liner around pipe, perforation size and spacing in pipe, materials compatibility with NAPLs

b. Failure to include or propose general contents of the following:

- provision of calculations for designed pumping rates
- Sampling & Analysis Plan for excavated and/or excess materials and decontamination wastes
- dewatering plan
- O & M plan
- Health and Safety Plan
- Data Management Plan
- QA/QC Plan
- monitoring plan for trench effectiveness
- DNAPL management
- LNAPL control to allow for seasonal variability and river stage impacts and sizing of pipe relevant to depth to bedrock

Section 1.0, Introduction, please expand the text to include details of the Trenches 1 and 2 evaluation conducted in 1994, specifically the testing done; samples collected (including location map), and results.

Section 3.6.6, Distribution Coefficient Determination, first paragraph, please indicate which Figure is referenced. Further please indicate which Phoenix Laboratories location received the samples and provide all laboratory sheets, including QA/QC results and equipment calibration for these samples.

Section 4.1, page 48, please provide further discussion of the construction detail pertaining to the HDPE wall construction in the area of the DNAPL plume at Trench 2. Particularly, please provide specifics of the DNAPL plume interceptor collection pipe and HDPE layer interface, including measures to prevent flow over the pipe, between the barrier and the pipe, etc., given the fact that the wall will terminate two feet above bedrock and the DNAPL collection pipe is only six inches in diameter and the DNAPL construction will excavate another one foot into the bedrock.

Section 4.2, page 48, DNAPL Sumps, please provide specifics of the DNAPL interim measure in the location of Trench 2.

Section 4.1, page 49, please provide verification that the DNAPL is of acceptable quality to be sold as a product and provide analytical data showing its levels for TCLP metals and organics.

Section 4.1, page 49, please indicate the predicted amount of groundwater to be removed from each of the six sumps and pumped to the hydrocarbon recovery system.

Section 4.2, page 58, first paragraph, please provide the detailed modeling output for the calibrated static flow field, ground water mounding induced by the barrier wall and trench system.

Section 5.2, Monitoring, please expand the text to discuss how the proposed groundwater monitoring address the dissolved phase fraction including the concentration to be recovered. Further, please clarify whether the piezometers will include transducers or other forms of automation. EPA requires more details on the proposed monitoring prior to approval of the system, and we encourage consistency in the Permit with the EPA issued RCRA 7003 Order.

February 1, 1996
Page 8

Section 5.2, Monitoring, page 63, paragraph 2, please discuss the seasonal and annual fluctuations of the water table in this portion of the facility and discuss the adequacy of a 0.5 feet drawdown to accommodate the fluctuation to ensure containment of the LNAPL onsite.

Appendix A, Technical Specifications, Section 02220, page 02220-1 the text needs to better define "contaminated" and "uncontaminated" materials.

Appendix A, Technical Specifications, page 02240-10, expand the text to provide more detail on the further characterization of excavated materials, specifically what "screening tests" will be conducted.

Appendix A, Technical Specifications, page 02294-3, please indicate the frequency of seam testing for field seams or welds and how often air pressure testing will be conducted.

Appendix A, Technical Specifications, page 02294-5, expand the text to indicate the dimensions of the HDPE strips or panels.

Appendix A, Technical Specifications, page 02294-5, please identify the bio-polymer slurry to be used, include an MS-DS sheet for it, and indicate its 1/2 life, and its degradation products.

Appendix A, Technical Specifications, page 02770-1, please discuss the characterization and proposed disposal of any water removed as part of a Dewatering Plan. EPA requests a copy of such plan, if required to be developed.

R7



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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September 25, 1995

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

**RE: Replacements of Interceptor Trenches No. 1 and No. 2
DEQ/WQD Permit NO. 95-236
Casper, WY**

Dear Mr. Irvin:

The Wyoming Department of Environmental Quality (WDEQ), Water Quality Division (WQD) and Solid and Hazardous Waste Division (SHWD), and the Environmental Protection Agency, Region VIII have not finalized written comments regarding the review of the referenced permit. The State apologizes for the need to extend the review process and regrets any inconveniences. The State is deferring the issuance of finalized written comments for thirty (30) days until October 15, 1995.

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

Sincerely,

Phillip Stump
Phillip Stump
Senior Environmental Analyst
Water Quality Division

PS/nc 54259.LTR
xc: Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne
Linda Jacobson, U.S. EPA Region VIII, Denver
Carl Anderson, WDEQ/SHWD

ps:F:\...TEXACO\95-236.LT3

R7



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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August 1, 1995

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

**RE: Replacements of Interceptor Trenches 1 and 2
DEQ/WQD Permit NO. 95-236
Casper, WY**

Dear Mr. Irvin:

The Wyoming Department of Environmental Quality (WDEQ), Water Quality Division (WQD) and Solid and Hazardous Waste Division (SHWD) have performed a preliminary review of the referenced Permit to Construct application materials. Since inadequacies exist in the application, the WDEQ does not authorize construction at this time. The State and the Environmental Protection Agency, Region VIII, have not finalized their comments in writing. To enable a time efficient and comprehensive approach to the review process, the WDEQ will defer issuance of the finalized written comments for forty-five (45) days. The State regrets any inconvenience that this may cause.

Please contact Carl Anderson or Phil Stump should you have any questions or about any comments regarding the preliminary review.

Sincerely,

Carl Anderson
Solid and Hazardous Waste Division

Phillip Stump
Phillip Stump
Water Quality Division

PS/CA/nc 53352.LTR

cc: Linda Jacobson, U.S. EPA Region VIII, Denver
Carl Anderson, WDEQ/SHWD
Michael F. Clark, TRC Environmental Corporation

THE STATE



OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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November 27, 1995

Dean Johnson
Williston Basin Interstate Pipeline Company
P.O. Box 131
Glendive, MT 59330

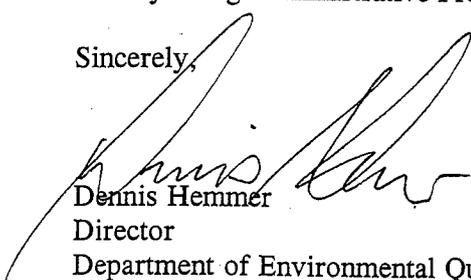
RE: As-Built Permit To Construct, WQD Reference Number 95-237RR

Dear Mr. Johnson:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application submitted by your engineer, Western Water Consultants, Inc. Our review of the information and as-constructed plans submitted to this office indicates that the application meets the intent of the DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers the as-built construction of ponds 2 and 3 only, which have already been constructed.

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

Sincerely,


Dennis Hemmer
Director
Department of Environmental Quality

DH/jh/bb/55354.ltr
Enclosure

AS-BUILT
PERMIT TO CONSTRUCT

∠ New
Renewal
Modified

PERMIT NO. 95-237RR
SPECIAL CONDITIONS
REF/PERMIT 94-315R

Worland Compressor Station Wastewater Pond No. 2 and No. 3

This permit hereby authorizes the applicant:

Williston Basin Interstate Pipeline Company
P.O. Box 131
Glendive, MT 59330

to have constructed two non-discharging wastewater ponds according to the procedures and conditions of the application number 95-237RR. The facility is located in SW¼ Section 16, T48N, R92W in the county of Washakie, in the State of Wyoming.

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

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

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

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

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

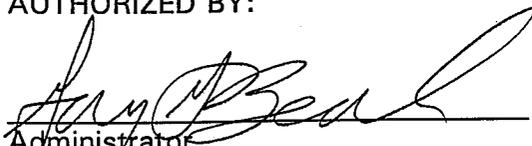
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

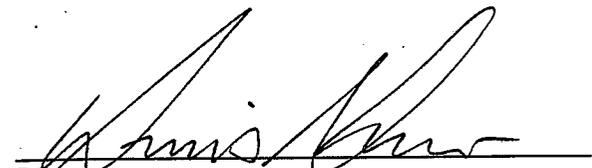
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

1. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
2. of 4 Wastewater from the 400 barrel storage tank must be directed into Pond No. 1 only. Should this pond reach capacity, overflow can then be pumped to ponds 2 and 3.
3. of 4 A composite sample of wastewater from ponds 2 and 3 must be analyzed for Total Petroleum Hydrocarbons - Gasoline Range Organic (TPH-GRO) and Benzene, Toluene, Ethylbenzene, Xylene (BETX), on a yearly basis. The sample must be obtained within plus or minus 30 days of March 1st of each year. The Environmental Monitoring Program must include:
 - a. The Permittee shall maintain records of all monitoring information for a period of at least 3 years.
 - b. 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. Sampling procedures and sample preservation accomplished;
 4. The date(s) analyses were performed;
 5. Names of individuals who performed the analyses;
 6. The analytical techniques or methods used; and
 7. The results of such analyses.
 - c. A report of the results of these analyses shall be submitted to the Lander office at the following address Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520, within 30 days of sampling.
4. of 4 A record of the volume of wastewater discharged from the storage tank to pond 1 must be maintained at the compressor station and submitted yearly with the wastewater monitoring report.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

11-28-95

Date of Issuance

JH/jyi
b/55354.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 95-237RR

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

Applicable

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

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

n/a

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:

n/a

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

Native clay soils provide excellent groundwater protection as shown by analysis of samples from monitor wells taken during 1992 site assessment.

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.

Yearly sampling of pond wastewater with analysis for TPH-GRO and BETX. No compliance standards are suggested at this time.

VI. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on November 22, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

PERMIT TO CONSTRUCT

X New
Renewal
_ Modified

PERMIT NO. 95-238
SPECIAL CONDITIONS

Warneke Residence

This permit hereby authorizes the applicant:

Norman or Ruth Warneke
P.O. Box 414
Basin, WY 82410

to construct a replacement leach field to serve a one bedroom residence according to the procedures and conditions of the application number 95-238. The facility is located in Lot 16, Block 3, Broadmoor Acres Addition to the Town of Basin in Sec. 28, T51N, R93W in the county of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

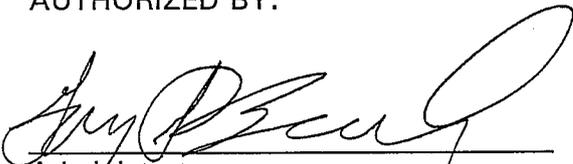
The issuance of this permit does not convey any property rights in either real or personal property or any violation of personal rights, nor any infringement of federal, state or local laws or regulations.

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

7-3-95

Date of Issuance

JH/anc
b/52802.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 95-238

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. 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 June 27, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

JH/b/52802.ltr

**CHAPTER III
APPLICATION FOR PERMIT TO CONSTRUCT,
INSTALL, OR MODIFY WATER SUPPLIES,
WASTEWATER FACILITIES, OR GROUNDWATER
POLLUTION CONTROL SYSTEMS IN WYOMING**

Initial & Return to /PS!

APPLICATION FORM

95-237
FOR USE BY DEQ/WQD ONLY
APPLICATION NO. **RECEIVED**
DATE RECEIVED NOV 02 1995
PROGRAM ASSIGNED SE
WATER QUALITY DIVISION
WYOMING

Application must contain three copies of the application information. Submit to appropriate field office.

DEQ/Water Quality Division, 122 West 26th Street, Hershey, WY 82002
DEQ/Water Quality Division, 250 Lincoln Street, Lander, WY 82002
DEQ/Water Quality Division, 2161 Coffeen Avenue, Sheridan, WY 82002

specifications, and pertinent design

enne, WY 82002 (307) 777-7781
(307) 332-3144
(307) 672-6457

*AW -
LQD permit
not WQD
per PJB/GS*

Name of facility SP-4

Location of facility: County: Platte

Township: 24N Range: 70W

Section: 3 ¼ Section: SW

XX New permit*

As built approval Revised permit*

Standard specification permit Renewal of permit*

*Previous DEQ/WQD construction permit no(s). if applicable (modification, revision or renewal) _____

Type of Project (Mark all that apply)

- 201 Construction Grant Wastewater Treatment Plant (WWTP)
- State Revolving Fund (SRF) WWTP
- Public Water Supply (20 or more service connections) including ground or surface water source, transmission line, treatment plant, chlorination or pumping system, storage facility, backflow prevention device, or laboratory
- Wastewater Facility including small wastewater facility (single unit, domestic sewage, less than 2,000 gallons), domestic sewage pond, disinfection, collection or pumping system, evaporative/containment pond, sedimentation pond, mechanical treatment plant, oil/water separator (external to a structure), sludge facility or laboratory
- Monitoring wells (groundwater contamination not determined) (P.E. not required)
- Land Application System including road application, land farming or one-time land application
- Underground Storage Tank/Leaking Underground Storage Tank (UST/LUST)
- Site assessment/site characterization including monitoring wells, borings, etc. (P.E. not required)
- Groundwater remediation/treatment systems including pump and treat, bioremediation, air sparging, soil vapor extraction, oil/water separator, recovery well, etc.
- Groundwater Pollution Control (GPC) Program
 - Site assessment/site characterization including monitoring wells, borings, etc. (groundwater contamination has been determined) (P.E. not required)
 - Groundwater and contamination containment systems including physical, hydraulic, etc.
 - Groundwater remediation/treatment systems including pump and treat, etc.
 - Deep anode beds

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-240
SPECIAL CONDITIONS

Town of Jackson Water Supply Project

This permit hereby authorizes the applicant:

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

to drill three (3) water supply wells to an approximate depth of 100 feet according to the procedures and conditions of the application number 95-240. The facility is located in SW¼ Section 36, T41N, R117W in the county of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) from the date of issuance of this permit.

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

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

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

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

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

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

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

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

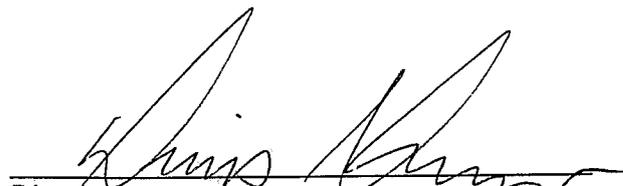
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

8-2-95

Date of Issuance

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-240
- 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. 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
- V. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

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

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 July 24, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

JH/b/53237.ltr

THE STATE



OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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November 24, 1995

Mrs. Janie Nelson, Geologist
Wyoming Oil and Gas Conservation Commission
777 West First Street
P.O. Box 2640
Casper, Wyoming 82602

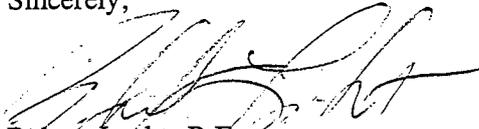
RE: Christiansen Ranch Disposal Well 1
Permit Number: UIC 95-241
Johnson County, Wyoming

Dear Mrs. Nelson:

Enclosed please find one complete set of the logs run on this well and one complete copy of the drilling and testing report on this well. Please include these documents in your well file for this class I injection well.

As you know, Presidio still operates an oilwell completed in the Shannon within the area of review for this well. During the original permitting of the disposal well, the information available indicated that the top of cement was above the Teckla Formation in the oilwell. Since that time it has been shown by Presidio that the top of cement was below the Teckla and, therefore, the receiver for the Christiansen ranch was not cemented in the oilwell. Cogima has now reached an agreement with Presidio to cement off the Teckla Formation and return the well to production. Apparently Presidio will do this work and Cogima will pay for it. Naturally, I would like to witness this work when it is done. If you are notified of this workover would you let me know? The oilwell is the Federal Holler Draw 7-B located in the center of the NW $\frac{1}{4}$, Section 7, Township 44 North, Range 76 West, 6th Principal Meridian.

Sincerely,


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

RFL/bb/55342.ltr

Enclosures



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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June 8, 1995

Cogema Mining, Inc.
935 Pendell Boulevard
P.O. Box 730
Mills, WY 82644

RE: Christensen Ranch Disposal Wellfield
Permit: UIC 95-241 Class I
Johnson County, Wyoming

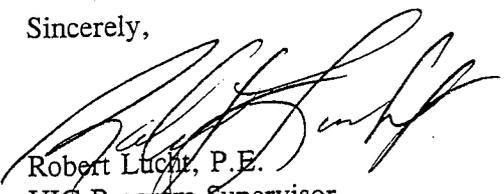
Dear Ms. Wichers:

Enclosed please find the approved modified permit as you requested on June 5, 1995. This modification has been processed without public notice as a minor amendment to the construction specifications of the previous permit 88-545. While this amendment replaces the existing Federal Holler Draw 7-B well with a completely new well 1,200 feet away, this is still just a change in the completion specifications for the well. Nothing in this change required modification of the Area of Review or the authorized injection zone.

Since the granting of permit 88-545, this department has promulgated Chapter XIII of the Water Quality Rules and Regulations. This new chapter contains specific permit language which must be included in all class I permits. Most of this language was present in the previous permit, but the exact wording may have changed slightly. In drafting this permit, the most up to date permit form was used. That form differs slightly in form and organization from the previous permit. Finally, this department has taken this opportunity to clean up the overall language of this permit to clarify, based on our increased level of experience, language which might have been misunderstood. None of these changes amount to major changes in the permit.

A copy of this letter, the amended permit, and the amendment application is being sent to the various agencies involved in permitting class I wells.

Sincerely,


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

RL/jn - 52392.ltr

xc: Dan Jackson, 8WM-DW, EPA Region VIII, Denver, CO
Janie Nelson, Wyoming Oil and Gas Conservation Commission, Casper, WY
Richard Stockdale, Wyoming State Engineer's Office, Cheyenne, WY
Glenn Mooney, Land Quality Division, Sheridan, WY

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

() New
(X) Modified

Permit Number UIC 95-241
Reference old permit: UIC 88-545

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: COGEMA Mining, Inc.
935 Pendell Boulevard
P.O. Box 730
Mills, WY 82644 (307) 234-5019

is authorized to operate the Christensen Ranch Disposal Wellfield including two disposal wells: the Cogema DW No. 1 disposal well located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 7, Township 44 North, Range 76 West, Sixth Principal Meridian; and the Christensen 18-3 well located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 18, Township 44 North, Range 76 West, Sixth Principal Meridian, both in Johnson County, Wyoming; according to the procedures and conditions of application numbers 88-545 and 95-241 and requirements and other conditions of this permit. 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

6/8/95
Date



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

6-9-95
Date

A. Discharge Zone

These injection wells are authorized to inject into the Teckla, Teapot, and Parkman Formations. In the Cogema DW No. 1 these formations are found in the well bore from approximately 7,500 to 7,700 feet, 7,900 to 8,015, and 8,200 to 8,470 feet respectively. In the Christensen 18-3 these formations are found in the well bore from 7,631 to 7,825 feet, 8,028 to 8,145, and 8,330 to 8,604 feet below the ground surface respectively. The permitted receiver includes the entire interval from 7,500 feet to 8,470 in the Cogema DW No. 1 well and from 7,631 to 8,604 in the Christensen 18-3 well. All footage intervals in this section are as measured vertically below ground surface at the location of the wellhead.

The Lewis Shale is the confining layer above the receiver and the Steele Shale and an unnamed shale in the lower Parkman provide confinement below.

B. Area of Review

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

Township 44 North, Range 76 West, 6th Principal Meridian
Section 7: SE $\frac{1}{4}$ NW $\frac{1}{4}$
Section 18: NE $\frac{1}{4}$ NW $\frac{1}{4}$

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

Township 44 North, Range 77 West, 6th Principal Meridian
Section 1: SE $\frac{1}{4}$ SE $\frac{1}{4}$
Section 12: E $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$

Township 44 North, Range 76 West, 6th Principal Meridian
Section 6: S $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$
Section 7: W $\frac{1}{2}$, W $\frac{1}{2}$ E $\frac{1}{2}$
Section 18: NW $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$

C. Groundwater Classification

The groundwater in the Teckla, Teapot and Parkman Formations is classified as class VI under Chapter VIII of Wyoming Water Quality Rules and Regulations (April 9, 1980.) This classification was made because:

- a. The groundwater in this formation contains between 3,000 and 10,000 mg/l of Total Dissolved Solids, but cannot be reasonably expected to provide a source of drinking water because of its extreme depth of burial;
 - b. The groundwater in this formation is situated as such a depth that recovery of this water and treatment for drinking water purposes is not practical;
- and
- c. This formation naturally contains traces of oil and gas and cannot be reasonably expected to provide a source of drinking water at this location.

D. Authorized Operations

The initial perforations in the Cogema DW No. 1 well include the entire thickness of the Teckla, Teapot and Parkman Formations. In the event that sufficient injectivity is not obtained with the vertical completion, Cogema may drill a horizontal section within the Parkman Sand. This horizontal section will run approximately due south for 800 feet from the surface location. The initial perforations in the Christensen 18-3 well are from 7,634 to 7,732 feet, 8,032 to 8,140, and 8,330 to 8,602, all intervals one shot per foot. Additional perforations may be installed within the permitted receiver as defined in Section A of this permit with the prior approval of the Water Quality Division.

The packer set on the bottom of the tubing shall be set within 500 feet of the top of the authorized discharge zone. Initial packer setting for the Cogema DW No. 1 well will be between 7,300 and 7,450 feet and the initial packer setting for the Christensen 18-3 well will be between 7,550 and 7,600 feet.

The permittee is authorized to inject 5,040 barrels per day, (211,680 gallons per day) of industrial wastes as a total of the volume injected into both wells. The total volume of 5,040 barrels per day may be injected into either well provided that the pressure limitations are not exceeded. Wastes injected shall be as described: normal overproduction (bleed) streams, yellowcake wash water, laboratory waste, R.O. brine, and plant washdown water from the Irigaray and Christensen Ranch operations, both covered by Land Quality Division Permit to Mine 478. All of these waste streams are beneficiation wastes, exempt from RCRA regulation under the Bevill Amendment found in 40 CFR 261.4(b)(7). All of these waste streams fall under SIC code 109. The permittee is authorized to accept and dispose of fluids from other similar in situ leaching operations with prior WQD approval.

Produced water from oil and gas operations may be accepted for disposal with prior WQD approval. Fluids from other industrial operations may be accepted for disposal with prior WQD approval. Analyses will be required prior to injection of any waste not produced on the project covered by LQD Permit to Mine 478. The exact parameters to be analyzed will be determined prior to accepting any such waste. The permittee shall contact WQD for guidance prior to ordering analyses. For any waste which is not exempt from RCRA regulation at the time of injection, the permittee shall provide at a minimum, tests for EP corrosivity, EP Toxicity using the Toxicity Characteristic Leaching Procedure (TCLP), EP Ignitability, and EP Reactivity. The Water Quality Division may waive in writing the requirement for individual tests based on the source and nature of the waste to be disposed of. Injection shall not commence until such time as an approval has been issued in writing by the Water Quality Division for that particular waste. The Water Quality Division may issue approvals under this permit for injection of industrial waste from a single source for up to three years from the date of the original analyses. Such approvals may require additional analyses during their term.

The permittee is authorized to inject at a pressure of no more than 1946 psig as measured at the wellhead. The pressure of injection shall be continuously monitored and recorded.

Within the first year of operation, the permittee shall conduct a step injection test to determine the actual fracture pressure of the formation. After this test, and subsequent approval by the Administrator, the injection pressure shall be limited to 90% of the fracture pressure as measured at the surface. 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.

The annulus between the injection tubing and the casing shall be maintained at a pressure of not less than 200 psig nor more than 800 psig.

The composite injection stream may also contain a small amount of Naico 7801 corrosion inhibitor. Naico 7801 is an aqueous solution of alkaline amine phosphate ester and ethylene glycol. The composite injection stream may also contain a small amount of Betz GCP-188 deposit control additive. The composite injection stream may also contain a small amount of Tretolite SP-200 scale inhibitor. The composite injection stream may also contain a small amount of Tretolite NC-370 Biocide added to control bacterial growth in the injection system. The use of other additives authorized provided that the permittee shall provide MSDS sheets for all such additives, the amounts to be used, and shall obtain written approval from the Water Quality Division prior to using any other additive.

E. Hazardous Waste

This permit does not allow for the injection of any hazardous waste as defined by 40 CFR 261. Injection of any substance defined as hazardous waste, whether hazardous by listing or by characteristic is a violation of this permit. The above references shall be the current references at the time that disposal is to be made. The above restriction on the disposal of hazardous waste supersedes all other provisions of this permit, notwithstanding the source of the material, location where it was produced, or the reason that it is considered hazardous.

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 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:

At a minimum, the groundwater in the receiving formation shall be sampled prior to the injection of any fluid under this permit. This sample shall be analyzed for the following parameters at a minimum:

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

During the operation of the injection wells covered by this permit, the four stock watering wells shown on Map 4 of application 88-545 shall be sampled twice a year and analyzed for pH and TDS as long as the stock wells remain in operation. These wells represent the closest points of use to the two injection wells and are not located inside the area of review. Results of these analyses shall be submitted to the Water Quality Division with the first quarterly monitoring report following the sampling.

Because of the depth of injection, the type of waste, and/or the amount of groundwater sampling already required in the general vicinity of this facility, no other groundwater monitoring plan is required.

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 or in the injection plant. A High pressure kill switch shall also be installed on the injection tubing. This device shall be set to preclude violations the maximum injection pressure.

The permittee shall monitor the injection volume 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 or in the injection plant.

The permittee shall monitor continuously the pressure on the casing/tubing annulus and shall maintain a positive pressure on that annulus. The pressure maintained shall be not less than 200 psig nor more than 800 psig. The permittee shall record the annulus pressure continuously on a strip chart recorder, a circular chart recorder, or digitally by computer interface with the pressure transducer on the wellhead. A High/Low pressure kill switch shall also be installed on the casing/tubing annulus. This device shall be set to preclude violations of the permit for annulus pressure.

The permittee shall shut 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. This test shall be analyzed by the permittee using the either the Miller Dyes Hutchinson (MDH) method or the Horner Method. In either case, graphs of this test shall be submitted to include either the MDH or Horner Plot and a Log-Log Plot after injection. From these plots, the Transmissivity in md-ft/cp, the permeability in md, and the dimensionless skin factor shall be calculated and submitted to WQD with the next quarterly report after the test is done.

The first pressure falloff curve described above shall be run within the first 90 days of operation. This first pressure falloff curve shall be run using gauges with an accuracy of .01 psi and shall continue until ambient reservoir pressure has been reached, even if this requires the use of down hole gauges to measure pressures of less than atmospheric. In addition, the Administrator may require the use of similar gauges on any subsequent test after the first test, if this procedure is deemed necessary to make proper interpretations of the data.

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

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT OR (UCL)*
Quarterly	EPA Method 160.1	Total Dissolved Solids	No Limit
	EPA Method 310.1	Total Alkalinity	No Limit
	EPA Method 350.3	Ammonia as N	No Limit
	EPA Method 908.1	Natural Uranium	65.0
	EPA Method 903.1	Radium 226	No Limit
	EPA Method 150.1	pH	> 2.0, < 11.0

* All chemical parameters listed in this permit are expressed in mg/l unless otherwise shown. pH is always expressed in standard units, and Conductivity is always expressed in mmhos/meter or umhos/cm. The permittee shall use the above listed methods unless an alternate method is first approved by the WQD. The above analyses shall be done on samples which are composites from at least four samples taken over a period of at least two weeks.

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 notification under section O of this permit. Failure to perform and report analyses in accordance with the prescribed schedule and method is also a violation of this permit.

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 well(s) covered by this permit.

The quarterly report of operations for these wells shall be submitted on forms provided by the department and 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 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 or gallons 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 Section H.
- h. Quarterly reports are due in the Cheyenne office of the Water Quality Division no later than 30 days after the end of each calendar quarter.

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. 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. Prior to injection and at least once every five years, and more frequently if required by the Administrator, the casing tubing annulus of each of these wells shall be pressure tested to 2,000 psig. A successful test shall show that there has been negligible pressure loss after 15 minutes at 2,000 psig.

Part II of the Mechanical Integrity test shall demonstrate the absence of fluid movement behind the casing. Prior to injection and at least once every five years, and more frequently if required by the administrator, each of these wells shall be logged using a radioactive tracer log and a temperature log and the results and their interpretation shall be reported to the Water Quality Division along with the next quarterly report.

Other types of logs may be substituted for Part II of the Mechanical Integrity Test with the prior written approval of the Water Quality Division.

Prior to injection a cement bond log shall be run on each well. This log shall include a micro-seismogram section. This log shall be submitted to the Water Quality Division along with the first quarterly report on the injection. The cement bond log must show good quality bond to a point no deeper than 200 feet above the top of the Lewis Shale and extending downward to at least the bottom of the Lewis Shale.

Should any of the above tests show a lack of mechanical integrity, the Water Quality Division shall be notified by telephone within 24 hours and with a written report within 7 days. In the case of a failed mechanical integrity test, the well shall be immediately shut-in. Injection shall not resume until the well has been repaired and a complete mechanical integrity test has been passed. Injection shall not resume until the Water Quality Division has approved these tests.

If at any time injection occurs in any zone not within the permitted receiver, a permit violation has occurred. The operator shall prepare an estimate of the volume and quality of all wastewaters which were injected outside of the permitted receiver. In the case where any aquifer meeting the standards for class I through IV under Chapter VIII has been contaminated due to out of zone injection, the operator shall prepare and implement a plan to recover these solutions and inject them into the proper receiver.

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 well(s) 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 the time of permanent abandonment, the following procedure shall be followed: A minimum of 100 sacks of cement shall be squeezed through the perforations using a cement retainer set at the approximate depth of the production packer. The casing above the retainer shall then be filled with cement to a level 200 feet above the top of the Lewis Shale. A 50 sack plug shall be placed at the top of each of the following formations: Fox Hills, Lance and Fort Union Formations. The entire surface casing shall then be filled with cement with a standard dry hole marker welded to a blind flange to be bolted to the exposed casing flange. Regardless of the above procedure, the abandonment procedure used shall not be less stringent than the procedure required by the Oil and Gas Conservation Commission for abandoned oil wells at the time of abandonment.

Each of these wells shall be properly abandoned within six months of the end of operation. These wells shall be considered temporarily abandoned any time there has been no injection for six full months. If these wells are temporarily abandoned at any time, the operator may retain them in this status so long as all monitoring equipment is maintained in working order and all pumps are also maintained. During the period of temporary abandonment, all reports shall be filed as for an active well, but monitoring of the injected fluid is waived. Should the operator remove any of the required equipment from service, other than for maintenance, then the wells shall be permanently abandoned within six months of that time.

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 posted the required financial instruments to guarantee the plugging and abandonment of the hazardous waste injection well covered by this permit. The specific financial instrument provided is: Letter of Credit No. 93/832 issued by Credit Commercial de France of New York. This letter of credit includes a total of \$230,000 for the abandonment of these injection wells and is updated on an annual basis. The updated costs are approved by both the Department of Environmental Quality and the Nuclear Regulatory Commission.

The permittee shall maintain the above instrument or a replacement instrument for the duration of this permit and until all post-closure care requirements have been satisfied.

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).

Permit UIC 88-545 is hereby cancelled.

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.

RL/jn - 52393.ltr

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 95-242R
SPECIAL CONDITIONS

Teton Village Municipal Sludge Application Site

This permit hereby authorizes the applicant:

Teton Village Water and Sewer District
Box 586
Teton Village, WY 83025

to construct a one time land application of sewage sludge according to the procedures and conditions of the application number 95-242R. The facility is located in SE $\frac{1}{4}$ NW $\frac{1}{4}$ S2 T35N R119W in the county of Lincoln, in the State of Wyoming. This permit shall be effective for a period of 120 days 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.

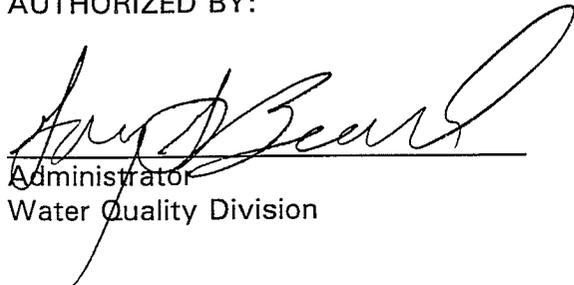
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

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.

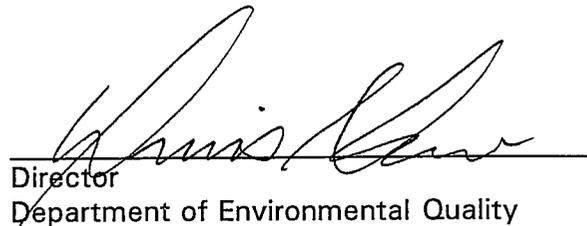
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

1. of 5 The sludge shall not be applied during saturated soil conditions.
2. 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.
3. 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.
4. 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.
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

7-12-95

Date of Issuance

RRT/mad 52856.LTR

STATEMENT OF BASIS

General information.

A. Permit Number: 95-242R

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. The application meets the requirements of DEQ/WQD, Chapter XI, Water Quality Rules and Regulations, and the activity has been authorized by the EPA and is required to meet their regulations published under 40 CRF 503.

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

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.)

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 05 July 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

ROAD APPLICATION PERMIT

New
 Renewal
 Modified

PERMIT NO. 95-243
SPECIAL CONDITIONS
REF/PERMIT #94-422

Oregon Basin Road Application

This permit hereby authorizes the applicant:

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

to road apply treater and pit sludge according to the procedures and conditions of application number 95-243. The application site is located in SW1/4 Sec. 32, T51N, R100W in the county of Park, in the State of Wyoming. This permit shall be effective until August 1, 1995.

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 shall provide immediate oral and/or written notice to Northwest District Office in Lander 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 Northwest District Office in Lander 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 treater and pit sludge.
- 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. Treater and pit sludge shall be applied uniformly and incorporated into the road bed. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist. Treater and pit sludge 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. Treater and 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 treater and pit sludge. 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
Department of Environmental Quality

8-8-95

Date of Issuance

JH/nc 53228.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-243

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.)

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

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 treater and pit sludge onto the roadbed. Repeated applications of treater and pit sludge 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

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 Jeff Hermansky, Northwest District Engineer and completed on July 24, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-244
SPECIAL CONDITIONS

Country Campin' R.V. Park

This permit hereby authorizes the applicant:

Longwell Ranches
Box 44-D Lucerne Route
Thermopolis, WY 82443

to construct a sewage collection, pumping and leach field system and to have constructed a septic tank/leach field system and a water distribution system according to the procedures and conditions of the application number 95-244. The facility is located in SE1/4 Sec. 5, T43N, R94W in the county of Hot Springs, 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: State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

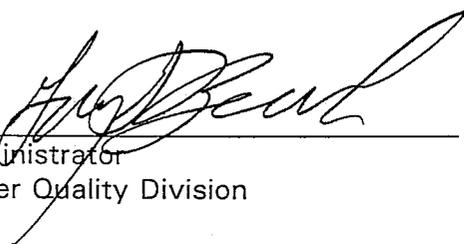
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

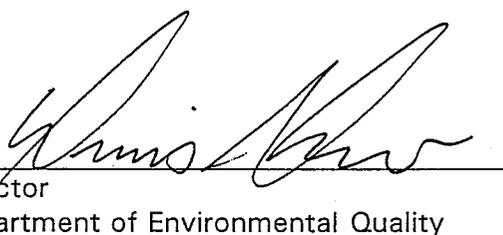
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

3/8/96

Date of Issuance

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-244

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

A. Chapter XI. Yes

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

N/A

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

N/A

VI. Documentation of Statement of Basis.

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

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 March 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."

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-245
SPECIAL CONDITIONS

1st Street Water Main

This permit hereby authorizes the applicant:

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

to construct a 33 L.F. of 8 inch PVC water main according to the procedures and conditions of the application number 95-245. The facility is located in NE1/4 SE1/4 Sec. 26, T47N, R93W in the county of Washakie, 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: Jeff Hermansky, Northwest District Engineer, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

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

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

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

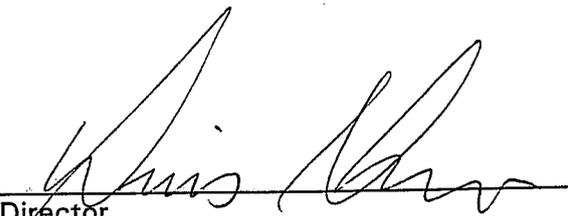
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

8-2-95

Date of Issuance

JH/jm/nc 53296.LTR

STATEMENT OF BASIS

General information.

A. Permit Number: 95-245

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

A. Chapter XI. No

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

N/A

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

Not Applicable

VI. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on July 26, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

JH/jm/nc 53296.LTR

Sweeney

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-246
SPECIAL CONDITIONS

Worland - 4th Street Water Main Replacement

This permit hereby authorizes the applicant:

City of Worland
P O Box 226
Worland, WY 82401

to install a new 6 inch PVC, class 150, DR-18 pipe to replace existing 4 inch cast iron pipe according to the procedures and conditions of the application number 95-246. The facility is located in SW1/4 SW1/4 Sec. 25, T47N, R93 in the county of Washakie, 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: Jeff Hermansky, Northwest District Engineer, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

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

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

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

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

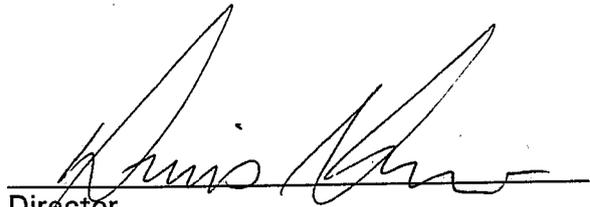
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

8-2-95

Date of Issuance

JH/jm/nc 53297.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-246

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

A. Chapter XI. No

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

N/A

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

Not Applicable

VI. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineer, and completed on July 26, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

JH/jm/nc 53297.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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February 8, 1996

Jay Varley
SRL Corporation
P.O. Box 2607
Jackson, WY 83001

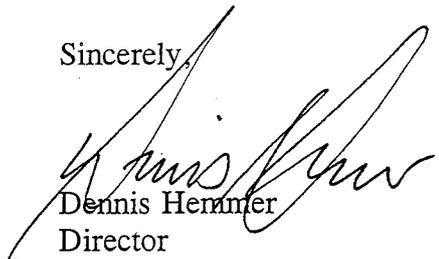
RE: As-Built Permit To Construct, WQD Reference Number 95-247R

Dear Mr. Varley:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application submitted by your engineer, Gerald Edwards of Nelson Engineering. Our review of the information and as-constructed plans submitted to this office indicates that the application meets DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued.

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

Sincerely,


Dennis Hemmer
Director
Department of Environmental Quality

DH/jyi/ks 60716.ltr
Enclosure

AS-BUILT
PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-247R

Varley Lodge

This permit hereby authorizes the applicant:

Jay Varley
SRL Corporation
P.O. Box 2607

to have constructed 12 LF, 6-inch diameter PVC sewerline and associated manhole, and approximately 20LF of 4-inch diameter DI waterline according to the procedures and conditions of the application number 95-247R. The facility is located in NE¼ Section 33, T41N, R116W in the county of Teton, in the State of Wyoming.

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

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

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

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

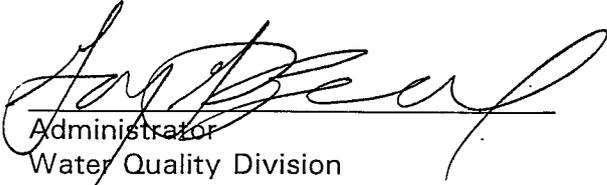
Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/or operator to comply with all applicable federal, state and local laws or regulations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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

2-12-96
Date of Issuance

JH/jyi/ks
60716.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-247R

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. 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.

V. 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 February 8, 1996. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-248
SPECIAL CONDITIONS

Sheridan High School Multi-Purpose Athletic/Wellness Complex

This permit hereby authorizes the applicant:

Sheridan County School District #2
P.O. Box 2007
Sheridan, WY 82801
Attention: Mr. Gary Koltiska

to construct, install or modify water and sewer lines according to the procedures and conditions of the application number 95-248. The facility is located in the SW/4 of Section 21 of Township 56 North Range 84 West in the county of Sheridan, in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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

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

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

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

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

AUTHORIZED BY:



Administrator

Water Quality Division

6/14/95

Date of Issuance



Director

Department of Environmental Quality

DRM/pr:6/09/95 /nc 52453.LTR

cc: Tom Barker, CER, 237 N. Main, Suite 1, Sheridan
Northeast District File

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-248
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- Not Applicable (N/A)
- B. Briefly state the basis for the deviation.
- N/A
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
- N/A

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

N/A

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Donald R. McKenzie, Northeast District Engineering Supervisor, and completed on June 9, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

DRM/pr:6/09/95 /nc 52453.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. 95-249
SPECIAL CONDITIONS
REF/PERMIT #

Wyoming Transportation Museum - Water System Improvements

This permit hereby authorizes the applicant:

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

to modify the existing municipal distribution system for the facility titled above according to the procedures and conditions of the application number 95-249. The facility is located in NE 1/4 Section 6, T13N & SE1/4 Section 31, 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 Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

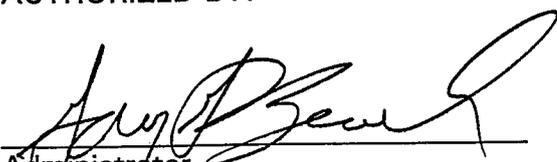
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

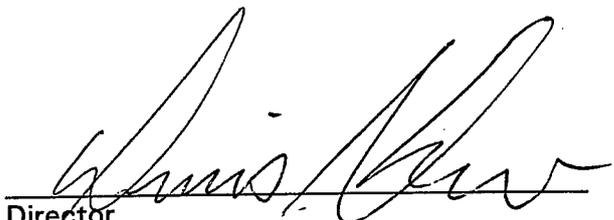
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6-20-95

Date of Issuance

GLS/b/52560.ltr

cc:

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-249

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

A. Chapter XI. No

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

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

N/A

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

- 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 Gary Steele, Southeast District Engineer, and completed on June 14, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

GS/b/52560.ltr

RF

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 95-250
SPECIAL CONDITIONS

Town of Saratoga Sanitary Sewer System (Corbett Medical Building)

This permit hereby authorizes the applicant:

Town of Saratoga
Carbon County Impact JPB
P.O. Box 486
Saratoga, WY 82331

to modify the existing collection system to facilitate modification to the Corbett Medical Building according to the procedures and conditions of the application number 95-250. The facility is located in NE 1/4 Section 14, 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 Office, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973.

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

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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6/26/95

Date of Issuance

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 95-250
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- N/A
- B. Briefly state the basis for the deviation.
- N/A
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
- N/A

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

- 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 June 20, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

51931.DOC

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