PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 93-401R
* CONDITIONED *

Grover Groundwater Supply Well
(Name of Facility)

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

Grover Water and Sewer District

P.O. Box 44

Grover, WY 83122

to construct a 8 inch diameter municipal well up to 400 feet deep according to the procedures and conditions of the application No. 93-401R. The facility is located in NWNW Section 6, T32N, R118W 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

11-4-93
Date of Issuance

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

STANDARD CONDITIONS

1. of 5 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 5 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

5. of 5 The collection of the following must be recorded and reported to the Wyoming Department of Environmental Quality, Water Quality Division as stated in the Water Quality Rules and Regulations, Chapter XII, Section 7(f)(vii):

a. Geological data.

b. Well construction data.

c. Well test data.

KLE/nc 35286.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-401R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. NO

B. Chapter XII. YES

III. Basis for issuing permit.

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

NO

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*[1]

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

KLE/nc 35286.LTR

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

PERMIT TO CONSTRUCT

New
Renewal
X Modified

PERMIT NO. 93-402
SPECIAL CONDITIONS
Reference 93-017

Cathedral Home for Children, Lift Station & Sewer Line Modification

This permit hereby authorizes the applicant:

Cathedral Home for Children
P.O. Box 520
Laramie, Wyoming 82070

to construct, install or modify a sewage lift station and pressure sewer line according to the procedures and conditions of the application number 93-402. The facility is located in SW 1/4 Section 16 T16N R73W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

10-7-93
Date of Issuance

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

SPECIAL CONDITIONS

Reference 93-017

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 the Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

4 of 5. The realignment of the sewer line requested by this submittal is hereby granted and approved with the following provision. All other design details and parameters as submitted and approved by "Permit To Construct" number 93-017 remain unchanged and in full force.

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-402, Reference Permit # 93-017

B. Facility Name: Cathedral Home for Children, Lift Station and Sewer Line Modification

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

A. Chapter XI. Yes Sections 9 and 10

B. Chapter XII. No

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

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

Yes

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

No

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

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

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

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

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

NOT Applicable

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 15. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NOT Applicable

VI. 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.

33615.DOC

RLE/mad

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 93-404
*** CONDITIONED ***

Mobil Big Piney Field Office Holding Tank
(Name of Facility)

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

Mobil E&P U.S.

P.O. Box 370

Big Piney, WY 83113

to install a holding tank for vehicle wash water according to the procedures and conditions of the application No. 93-404. The facility is located in NESE Section 20, T28N, R113W in the County of Sublette, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

10-20-93
Date of Issuance

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

KLE
35028.ltr

STANDARD CONDITIONS 1 through 4

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

2. of 4 — The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-404

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. NO

III. Basis for issuing permit.

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

NO

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

YES

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

NO

IV. Facilities not specifically covered by regulations.

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

Section 43 (d) Vent. Each holding tank shall be provided with a two inch minimum diameter vent ending in a return elbow above final grade, and should be screened.

Section 43 (e) Alarm. All holding tanks shall be equipped with a high water level alarm.

B. Briefly state the basis for the deviation.

A two inch diameter vent above grade is not necessary because:

1. The tank will not contain a gas/pressure producing fluid. The fluid in the holding tank will be strictly wash water and soap used in washing vehicles, and will not contain chemicals or solvents.

2. The tank will vent to the building via the discharge line between the building and the tank.

3. The hatch on the tank is not air tight.

A high water level alarm is not required because the vehicle wash water fluid stored in this holding tank is a low level of threat to health and the environment. Also, unlike a sewage holding tank, where inflows are difficult to stop even after an accidental overtopping of the holding tank, this tank does not have a pressing service demand and inflows can be stopped by discontinuing the washing of vehicles until the tank is pumped out. Additionally, regular visual observation is to be made of the available storage capacity, and the tank is not to be used when there is a threat of overtopping.

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*[1]

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

PERMIT TO CONSTRUCT

[x] New

Permit No. 93-405
*** CONDITIONED ***

[] Renewal

[] Modified

Teton Aquatics Waterline
(Name of Facility)

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

Donald Perkins, Owner

Box 3482

Jackson, WY 83001

to construct approximately 64 lineal feet of four (4) inch diameter waterline according to the procedures and conditions of the application No. 93-405. The facility is located in SE1/4, SE1/4, Section 28, T41N, R116W, Town of Jackson in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

10-29-93
Date of Issuance

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

GL - 35130.LTR

STANDARD CONDITIONS 1 through 4

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

2. of 4 — The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-405

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. No

B. Chapter XII. Yes

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

N/A

VI. Documentation of Statement of Basis.

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

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 93-406R
* CONDITIONED *

Wamsutter Gas Plant Septic/Leach System
(Name of Facility)

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

Williams Field Service
P.O. Box 188
Rawlins, WY 82301

to construct a septic/leach system for the facilities restroom according to the procedures and conditions of the application No. 93-406R. The facility is located in S 1/2, Section 1, T19N, R93W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

11-4-93
Date of Issuance

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

KLE

STANDARD CONDITIONS

1. of 5 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 5 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

5. of 5 In addition to the applicable requirements of Chapter XI and the specifications stated in the permit application, the following criteria must be met when installing the Infiltrator System:

a. End plates are required at the inlet and downstream end of the chambers.

b. The bottom of the trench shall be level and scarified.

c. For gravity systems, the inlet pipe shall extend through the end plate and terminate on an adequate splash plate or block.

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-406R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. NO

III. Basis for issuing permit.

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

YES

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*[1]

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

b/35313.ltr

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

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 93-407R
* CONDITIONED *

SIERRA MADRE WATER SYSTEM
(Name of Facility)

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

Sierra Madre Water & Sewer Joint Powers Board

P.O. Box 94

Riverside, WY 835

to construct a water distribution and storage system according to the procedures and conditions of the application No. 93-407R. The facility is located in S 4, 5, & 6 T14N R83W; S 1 T14N R84W; S 31 &3 T15N, R 83W; S 36 T15N, R84W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 50 Lincoln, Lander, WY 850; telephone, 33-3144.

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

11-23-93
Date of Issuance

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

RRT/mad 35686.LTR

STANDARD CONDITIONS 1 through 4

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

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 50 Lincoln, Lander, WY 850, (307) 33-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 50 Lincoln, Lander, WY 850, on the form provided (CERTIFICATION OF COMPLETION), the following information.

   a. Date that construction of the facility was completed; and

   b. Date that the facility was placed in operation; and

   c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-407R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. No

B. Chapter XII. Yes

III. Basis for issuing permit.

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

No

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

Yes

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

No

IV. Facilities not specifically covered by regulations.

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

Chapter XII Section 14 (c) requires isolation valves on watermains in residential areas to be installed at not more than 1 block or 800-ft.

B. Briefly state the basis for the deviation.

Poplar St has an isolation valve spacing of 862-ft, and Second St has a valve spacing of 825-ft based upon placing them at critical control locations. This is allowed due to the low number of current and anticipated future service connections in the areas of greater than 800-ft valve spacings.

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

NA

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*[1]

VI. Documentation of Statement of Basis.

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

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

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 93-408
* CONDITIONED *

Skyview Estates Foothill Blvd Sewer Line
(Name of Facility)

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

Skyview Development LLC

P.O. Box 812

Green River, WY 82935

to construct 250 feet of sewer line along Foothill Blvd. and install sewer and water services off the existing mains for 10 lots in the First Addition according to the procedures and conditions of the application No. 93-408. The facility is located in NE 1/4, Sec 16, T19N R105W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

10-25-93
Date of Issuance

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

KLE

STANDARD CONDITIONS 1 through 4

1. of 6 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 6 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

4. of 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5. of 6 This permit covers:

a. the construction of 250 feet of sewer line along Foothill Blvd.,

b. the installation of a manhole at 0+05,

c. the installation of water and sewer service connections to the existing water and sewer lines along Eagle Way in the first addition of Skyview Estates.

This permit does not cover:

a. the existing water and sewer lines along Eagle Way,

b. the future construction of water and sewer lines along Peregrin Street.

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-408

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. YES

III. Basis for issuing permit.

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

YES

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*[1]

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

KLE/bb/35086.ltr

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

ROAD APPLICATION PERMIT

PERMIT NO.: 93-409
SEE SPECIAL CONDITIONS

Gooseberry "B" Road Application
(Name of Facility)

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

Mobil Exploration & Producing U.S. Inc.

P. O. Box 370

Big Piney, WY 83113

to road apply about 400 yd^3 of crude oil contaminated soil. The application site is located in Section 21 and 22, T47N, R100W in the county of Park in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable standards. The authority to road apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal method will meet applicable state requirements.

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

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

Nothing in this permit shall be construed to preclude the constitution 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 infringements of federal, state or local laws or regulations.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

10-25-93
Date of Issuance

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

ROAD APPLICATION STANDARD CONDITIONS

This permit is issued with the requirement that the following conditions are met:

1. of 11 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date the road application will begin and the estimated completion date.

2. of 11 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 11 Within sixty days of completion of the road application, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

   a. Date that 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.

4. of 11 Waste oil and sludge shall be applied by a method and at a rate which will prevent runoff or ponding after incorporation into the road. Applications shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.

5. of 11 The slope of the roads application shall not exceed 8 percent.

6. of 11 Waste oil and sludge application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.

7. of 11 The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, Jeff Hermansky phone number 307-332-3144, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of application and must be informed how much waste oil and sludge will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.

8. of 11 Waste oil and sludges applied to a road will be mechanically incorporated into the road bed. Wastes will not be applied during the period from November 1 to April 30.

9. of 11 Only the roads designated in this permit are authorized for application of the waste oil and 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 Water Quality Division.

10. of 11 The crude oil contaminated material authorized for road application under this permit must originate from a January 4, 1993, Mobil spill in the SE¼ SE¼ Section 21, T47N, R100W and a February 23, 1993 Mobil spill in the SW¼ SW¼ Section 22, T47N, R100W, both in the Gooseberry Field.

11. of 11 The review of this permit and the authorization is based upon the items identified in the attached Statement of Basis.

xc: Vic Seefeldt, Bureau of Land Management, Cody

JH/jyi

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-409

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. NO

B. Chapter XII. NO

III. Basis for issuing permit.

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

NO

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

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.

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

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

Applicable

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

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

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

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

N/A

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

N/A

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

JH/bb/35087.ltr

RF

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-410
Conditions

Power Resources Satellite #2 Wastewater Holding Pond and Land Application Facility

This permit hereby authorizes the applicant:

Power Resources, Inc.
P.O. Box 1210

Glenrock, Wyoming 82637.

to construct, install or modify Wastewater Pond, Land Application according to the procedures and conditions of the application number 93-410. The facility is located in Section 11 and 12, T36N, R73W in the county of Converse County, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

4/8/94
Date of Issuance

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

Conditions

1 of 11. Chapter XI, Section 30(a)(i) requires that: "Extraneous surface water and groundwater shall be excluded from entering the wastewater pond or entering the wastewater flow into the pond." The Water Quality Division will grant a variance from this rule based on the overall good quality of the wastewater and the fact that any surface water which enters the pond will improve this quality still further. In addition, PRI has demonstrated that the pond has adequate freeboard capacity to allow surface drainage to enter the pond.

2 of 11. Chapter XI, Section 30(a)(ii) states that:

> "(ii) Ponds shall not be located within the ordinary high water mark of perennial rivers, streams, or creeks. Ponds not containing hazardous or toxic wastes may be located with the ordinary high water mark of intermittent rivers, streams, creeks, draws, coulees, or other natural drainages provided a by-pass ditch is installed capable of passing the 24 hour - 100 year precipitation event. All other ponds shall be protected from structural damage during the 100-year

flood event."

The Water Quality Division will grant a variance from the requirement to bypass the 24 hour - 100 year precipitation event around the pond. PRI has demonstrated that the pond's storm storage capacity of 151.2 acre feet is adequate to contain a 24 hour - 100 year precipitation event, in addition to water contained in the reservoir.

3 of 11. Power Resources has submitted detailed information on the quality of the wastewater to be stored in this pond. The analyses submitted is detailed here and compared to the standards found in Chapter VIII:

PARAMETER	UNIT	CLASS I [1]	CLASS II [2]	CLASS III [3]	VALUE PRESENT
Arsenic	mg/l	0.050	0.100	0.200	<.001
Barium	mg/l	1.000	--	--	<.01
Boron	mg/l	0.75	0.75	5.0	0.1
Chromium	mg/l	0.050	0.100	0.050	<.05
Selenium	mg/l	0.01	0.02	0.05	1.1
Uranium	mg/l	5.0	5.0	5.0	2.0
Zinc	mg/l	5.0	2.0	25.0	1.1
Chloride	mg/l	250.0	100.0	2000.0	508
Sulfate	mg/l	250.0	200.0	3000.0	598
Total Dissolved Solids	mg/l	500.0	2000.0	5000.0	1850
Radium 226+228	pCi/l	5.0	5.0	5.0	3.3
pH	S.U.	6.5-9.0	4.5-9.0	6.5-8.5	7.4
SAR	mg/l	--	8.0	--	1.4

[1] The class I standard is the maximum amount allowed in domestic use groundwater under regulations published in Chapter VIII, Water Quality Rules and Regulations.

[2] The class II standard is the maximum amount allowed in agricultural use groundwater under regulations published in Chapter VIII, Water Quality Rules and Regulations.

(3) The class III standard is the maximum amount allowed in stock watering groundwater under regulations published in Chapter VIII, Water Quality Rules and Regulations.

The above table shows that the wastewater to be stored in this pond would meet the class of use limitations for class III groundwater, (except for Selenium) but not class I or II groundwater. The information submitted shows that a class of use violation could occur if this wastewater leaks out of the pond and into any subsurface aquifer likely to be present. The issuance of this permit requires the permittee to construct the Satellite 2 Purge Storage Reservoir into existing impervious soils of a thickness designed to prohibit a discharge to any groundwater aquifer or surface waters of the state. Any discharge to a groundwater aquifer or to ground surface occurring as a result of operation of this facility is a violation of this permit. The Water Quality Division believes that the "C Wellfield" Monitor wells are situated in such a manner as to detect any class of use violation caused by leakage from the Purge Storage Reservoir.

4 of 11. Chapter XI. Section 9(b)(vi) lists materials acceptable for pressure wastewater lines. High Density Polyethylene (HDPE) is not on this approved list. The Water Quality Division believes that HDPE is an excellent material for this type of pipe. Standard Dimension Ratio (SDR) 11, HDPE has been successfully used for pressure wastewater piping at many locations throughout the state. For these reasons, the Water Quality Division will grant a variance to allow the use of SDR 11, HDPE.

5 of 11. Section 9(c)(ii)(C) requires that the minimum velocity in a wastewater pipe must be 2.5 feet per second (fps). Power resources has shown that the wastewater in these lines will be filtered until it is virtually free of suspended solids. For this reason, the Water Quality Division will grant a variance from the requirement to maintain 2.5 fps.

6 of 11. Section 9(c)(ii)(D) requires that Air release facilities shall be provided at the high point in the piping whenever the pipe crown elevation falls below the pipe invert elevation. Power Resources has shown through its operating experience on this property that air release valves are not necessary with HDPE lines. For this reason, Water Quality Division will grant a variance from the requirement for air release valves.

7 of 11. Section 9(c)(ii)(E) requires that cleanouts be provided at 400 foot intervals. Power Resources has proposed a system which will filter all particulates out of the water prior to pumping though the line under pressure. For this reason, the Water Quality Division will grant a variance from this requirement.

8 of 11. Chapter XI, Section 9(d) specifies that manholes are required on pressure sewer lines at 400 foot intervals. Power Resources has proposed a line carrying only filtered wastewater with virtually no settleable solids. For this reason, the Water Quality Division will grant a variance from the requirement for manholes on this line.

9 of 11. Power Resources shall perform soil sampling near the toe of the dams for baseline data prior to operation of the system. Power Resources shall obtain soil samples from at least two sites near the toe of each dam of the reservoir and submit the data in the next Annual Report to the Land Quality Division. During the installation of these soil borings, shallow monitor wells shall be completed to allow the detection of near surface leakage. Power Resources shall monitor these wells on an annual basis for the presence of water. If water is detected during installation or at any time in the future, a sample shall be taken and analyzed for Total Selenium. The results of this analyses shall be reported to the Water Quality Division within 30 days of receipt of these analyses by Power Resources.

10 of 11. The Wyoming State Engineer's Office requires a permit approval before any surface impoundment can be used. Power Resources shall submit a copy of an approved reservoir permit, issued to PRI, to the DEQ before the reservoir is used.

11 of 11. Prior to use of any facility authorized by this permit, Power Resources shall obtain either: 1) title to the property; or 2) a valid easement from the surface owner allowing the use of this property; or 3) written consent from the landowner.

RFL/mad 41205.LTR

cc: Jim Meining, LQD
Steve Ingle, LQD

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-411
SPECIAL CONDITIONS

Sheep Mountain Water Well Supply System

This permit hereby authorizes the applicant:

City of Douglas
101 North 4th Street
Douglas, Wyoming 82633

to construct, install or modify a water supply well and transmission line according to the procedures and conditions of the application number 93-411. The facility is located in parts of Sections 17 and 18 T32N R71W and parts of Sections 13, 24, 25, 26, 33, 34, and 35 T32N R72W in the county of Converse, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

12-29-93
Date of Issuance

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

SPECIAL CONDITIONS

1 of 9. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.

2 of 9. The applicant will provide immediate oral and/or written notice to the 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 9. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

4 of 9. Variance Approved - Deviation From Well Testing Requirements - A variance from the requirements of Chapter XII, Section 9(b)(ii) which requires that water supply wells be tested at 1.5 times their planned pumping rate is hereby granted. This is based on the information presented, and on the fact that more than adequate water for the Ridgewater subdivision is available and that the excess water is intended as supplemental groundwater for the City of Douglas to use as a less expensive replacement for expensive treated surface water.

5 of 9. Variance Approved - Deviation From Underwater Crossing Requirements - A variance from the requirements of Chapter XII, Section 14 (h)(ii) which requires that valves be provided at both ends of water crossings is hereby granted. This is based on the information presented which indicates that although valves are not located immediately on each side of the Little Bedtick Creek crossing, valves are located on both sides of the crossing some distance back which are easier to access than valves near the creek would be, and this section can still be isolated because there are no other connections between these two valves.

6 of 9. Operation and Maintenance Manuals (O&M) - It is required that an O&M manual which covers all applicable aspects of this system be submitted to the Water Quality Division for **review and approval** before the system is placed into service. This manual should include anything which is pertinent to the proper operation and maintenance of the system which would include, but not be limited to:

a. General system operating procedures;

b. Subsystem operating procedures such as well and chlorination system, water tank, pressure reducing vault, booster pump system, and so on;

c. The operation and maintenance of individual pieces of equipment;

d. Monitoring and record keeping procedures;

e. Emergency procedures should critical components of the system fail; and

f. all other pertinent information necessary to satisfy the requirements of Chapter XII, Section 16 of the Wyoming Water Quality Rules and Regulations.

7 of 9. Steel Water Storage Tank Specifications - Chapter XII, Section 13(a) requires that all tank design shall be performed by a registered professional engineer and the plans shall so designate the engineer providing the design. Therefore, final plans and specifications of the water storage tank shall be submitted to the WQD for **review and approval** before the tank is placed into service. The design engineer or firm should also be clearly indicated along with a description of their level of expertise and experience relative to water tank design.

8 of 9. Future Connections Require "Permits To Construct" - Any future connection to this transmission/distribution line will require a separate approved "Permit To Construct" before connection to the line can be allowed. This is true for any type of connection except for direct individual service connections.

9 of 9. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

RLE/nc 36255.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-411

B. Facility Name: Sheep Mountain Well Water Supply System

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 PLUS - III.B. below

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

Yes Based on deviations from Chapter XII explained in Section IV below.

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 XII, Section 9(b)(ii) - Water supply wells should be tested at 1.5 times their planned pumping rate.

2. Chapter XII, Section 14(h)(ii) - Valves should be provided at both ends of water crossings.

B. Briefly state the basis for the deviation.

1. Chapter XII, Section 9(b)(ii) - Deviation based on fact that adequate water is available for Ridgewater subdivision and the excess water is intended as supplemental groundwater for the City of Douglas to use as a less expensive replacement for expensive treated surface water.

2. Chapter XII, Section 14(h)(ii) - Isolation valves are located at some distance back from each side of the Little Bedtick Creek crossing which will satisfy the intent of the regulation.

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

NOT Applicable

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 15. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NOT Applicable

VI. 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.

RLE/nc 36255.LTR

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Sheep Mountain Water Well Supply System

ENGINEER: Barry Venn
Civil Engineering Professionals, Inc.
355 North Lincoln
Casper, Wyoming 82601

APPLICANT: City of Douglas
101 North 4th Street
Douglas, Wyoming 82633

WATER QUALITY REFERENCE NUMBER: **93-411**

REVIEWING ENGINEER: Ronald L. Ewald RLE

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: December 17, 1993

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

All concerns and questions identified in the previous reviews have been satisfactorily addressed or answered, except for the following:

1 of 1. Overflow Piping System - The information presented to show that the overflow system is large enough to pass the design flow of 1200 gpm is still insufficient as follows:

a. The kinetic energy term for the nozzle exit velocity was left out of the Bernouli equation.

b. The actual cross-sectional area of the nozzle exit on the Red Valve Tideflex TF2 valve needs to be specified so that the actual nozzle discharge velocity can be calculated and included in the Bernouli equation.

c. Question - Is the velocity indicated in the velocity vs. head loss chart for the Red Valve Check Valve the approach velocity in the upstream pipe, or is it the actual nozzle exit velocity?

d. The pipe friction factor value of C = 135 seems quite high, especially when part of the overflow piping is DIP and welded steel. Please justify this value or adjust it in your revised calculations.

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Sheep Mountain Water Well Supply System

ENGINEER: Barry Venn
Civil Engineering Professionals, Inc.
355 North Lincoln
Casper, Wyoming 82601

APPLICANT: City of Douglas
101 North 4th Street
Douglas, Wyoming 82633

WATER QUALITY REFERENCE NUMBER: **93-411**

REVIEWING ENGINEER: Ronald L. Ewald RLE

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: November 4, 1993

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

Well:

1. According to the Wyoming Water Quality Rules and Regulation (WQR&R) Chapter XII, Section 9(b)(ii) water supply wells must be tested to at least 1.5 times the design flow. The Engineering Design Report (EDR) indicates that this well was only tested to approximately 1000 gpm which would only allow a design flow of about 670 gpm; whereas the design flow used is 1200 gpm. Please explain how this reduction in allowable design flow will affect this project design and use.

2. According to Chapter XII, Section (9)(b)(iii)(D)(III)(1.), check valves shall be located on the discharge piping and also in the casing. The check valve in the casing is in addition to the check valve located above ground. The plans are not clear as to whether or not these check valves are provided.

Pump Control Building:

3. According to Chapter XII, Section 11(c)(i) the use of Chlorine Gas is not properly addressed:

   Part (A) Respiratory protection equipment should be provided on site,
   Part (C) Repair kits should be provided on site,
   Part (E) Is the chlorine room on the prevailing downwind side of the building?,
   Part (G) Is the facility properly heated?,
   Part (H) Chlorine feed lines shall not carry chlorine gas beyond the chlorination room.

Steel Storage Tank, Chapter XII, Section 13:

4. Part (a) requires that the registered engineer providing the actual tank design be specifically designated.

5. Sizing:

   a. Is the tank to be a 100,000 gallon tank as indicated in the EDR, or an 88,000 gallon tank as indicated in Section 702.03 of the specifications?

   b. Since this tank is intended to service the Ridgewater subdivision where the average daily demand is less than 50,000 gallons per day, the storage requirements are that 100% of the average daily demand be provided, not 25% of the maximum daily demand as the EDR indicates. How does this affect the design of the project?

6. Disinfection - The specifications say that disinfection of the tank will be according to AWWA D102, which concerns painting - not disinfection. Disinfection should be according to AWWA C652-92.

7. Need to provide more detail of the roof vent and the roof/sidewall connection.

8. A lock is needed on the access hatch.

9. Will the 8" Red Valve Tideflex TF2 valve shown as part of the energy dissipator on sheet 13 of 29 of the plans restrict the overflow to the point that the overflow system will not be able to discharge at a rate greater than or equal to the fill rate of the tank? Please provide information to verify that the overflow piping system can pass the necessary flow.

Ridgewater Fire Protection Situation:

10. Although the EDR indicates that the purpose of this project is to supply domestic water demands only; if the Ridgewater distribution system is connected to fire protection devices such as fire hydrants then fire flows and pressures will have to be met. Please explain exactly what the Ridgewater fire protection situation currently and actually is. If fire flows and pressures do need to be met this could affect both the tank storage requirements and the pressure requirements of the booster station.

Ridgewater Distribution System Situation:

11. Indications are that the current Ridgewater distribution system is composed of 2" and 4" mains, giving rise to several questions.

    Was the current system permitted?

    Does the current system as constructed meet the current standards for distribution systems, or will the system need to be upgraded?

    Please provide detailed information on the Ridgewater distribution system so that these questions and others can be sufficiently answered.

12. When it comes time to connect the Ridgewater distribution system to the Sheep Mountain transmission line a separate application for a "Permit To Construct" will need to be submitted and approved before the connection is made. Any other modifications to the Ridgewater distribution system will also need to be included in this application.

13. The current water supply wells for the Ridgewater distribution system will either need to be disconnected from the system or adequate backflow prevention provided before the system is connected to the Sheep Mountain transmission line.

Booster Station:

14. Are the pumps in the booster station large enough to supply at least 20 psi of pressure at ground level at all points in the Ridgewater distribution system under all conditions of flow? Please provide information to verify that this requirement (Chapter XII, Section 14(b)(i)) can be met.

Westland Estates:

15. The plans show a Swivel Tee at station 203+51 which presumably is for the future hookup of this subdivision to the system. How would this addition affect the storage requirements of the tank, the flow demands on the system, the pressure and flow requirements on the booster station, fire flows and pressures, and so on?

Miscellaneous:

16. Little Bedtick Creek Crossing - As required by Chapter XII, Section 14(h)(ii), and as indicated in the specifications in section 301.10, valves should be provided on both sides of the crossing and the valve closest to the supply source shall be located in a manhole. These features are not shown on the plan and profile drawings.

17. Hydraulic Grade Lines - Please show calculations for how the hydraulic grade lines were established. Please include the friction factor for the pipe used, head losses for fittings and valves, etc.

18. Operation and Maintenance Manuals - O&M manuals for the various components of this system (ie: pumping facilities, chlorination system, etc.) to meet the requirements of Chapter XII, Section 16 must be submitted to DEQ/WQD for review and approval before the system is placed into service.

19. Pumping Facilities - Are the proper levels of heating, ventilation, lighting, and so on provided in the pump buildings and vaults as required by Chapter XII, Section 12. If one of the pumps in the booster station goes out, can the remaining pump supply the maximum pumping rate required by the design as required by Chapter XII, Section 12(l)?

RE/jn - 35406.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-412
SPECIAL CONDITIONS

View Point Subdivision

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utility
24th & Snyder
Cheyenne, WY 82001

to construct, install or modify public water supply and wastewater facility according to the procedures and conditions of the application number 93-412. The facility is located in SE 1/4 of Section 22, R66W, T14N in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

10-25-93
Date of Issuance

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

STANDARD CONDITIONS

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

2 of 4 The applicant will provide immediate oral and/or written notice to Southeast District Engineer in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Engineer 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.

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

GLS

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-412

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.

No

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

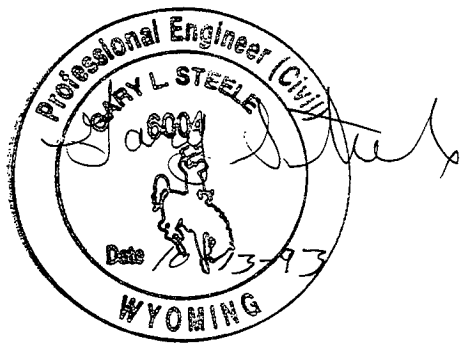
A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

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

GLS/bb/35085.LTR

REVIEW OF PLANS AND SPECIFICATIONS

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



PROJECT: **View Point Subdivision**

ENGINEER: **James K. Murphy**
AVI p.c.
C 2035 Westland Rd.
Cheyenne, WY 82001

APPLICANT: **Cheyenne Board of Public Utilities**
24th & Snyder
Cheyenne, WY 82001

WATER QUALITY REFERENCE NUMBER: 93-412

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **10-13-93**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1 of 1. Calculations showing that fire flows can be met and minimum pressures for the system maintained in accordance with Chapter XII Section 14(b) paragraphs i,ii, and iii need to be submitted. The calculations need to be submitted so that the minimum requirements for flows and pressures can be verified.

/jn - 34868.ltr

PERMIT TO CONSTRUCT

[x] New

[] Renewal

[] Modified

Permit No. 93-413R
* CONDITIONED *

Clark's Knoll Sewer
(Name of Facility)

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

F. Norman MacCord

Wyoming Design Group

468 Brookhurst Ave.

Narbeth, PA 19072

to construct approximately 185 lineal feet of sanitary sewer according to the procedures and conditions of the application No. 93-413R. The facility is located in NW1/4, Section 34, T41N, R116W, Town of Jackson in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

11-24-93
Date of Issuance

This permit <u>does not</u> supersede the requirements for obtaining any permit from local agencies.

GL

STANDARD CONDITIONS 1 through 4

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

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

   a. Date that construction of the facility was completed; and

   b. Date that the facility was placed in operation; and

   c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-413R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

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.

b/35709.ltr

file

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-414
SPECIAL CONDITIONS

Douglas Meat Processing

This permit hereby authorizes the applicant:

Stanley Lundberg
49 Esterbrook Rd
Douglas, Wyoming 82633

to construct, install or modify Commercial septic system and holding tank according to the procedures and conditions of the application number 93-414. The facility is located in Section 18, T32N, R72W in the county of Converse, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

10-15-93
Date of Issuance

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

STANDARD CONDITIONS

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

2 of 4 The applicant will provide immediate oral and/or written notice to the Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

GLS

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-414

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).

No

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

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

GLS/b/34943.ltr

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 93-415R
* CONDITIONED *

Western Company Rock Springs Monitoring Wells
(Name of Facility)

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

The Western Company of North America

P.O. Box 56006

Houston, TX 77256

to install a series of soil borings and monitor wells to define subsurface contamination according to the procedures and conditions of the application No. 93-415R. The facility is located in NE 1/4 Sec. 22, T19N, R105W, 2100 Upland Street, Rock Springs in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

12/20/93
Date of Issuance

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

CONDITIONS 1 through 5

1. of 5 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 5 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

4. of 5 A sufficient number of soil borings and monitoring wells will be installed to fully define horizontal and vertical extent and level of soil and groundwater contamination from all sources on the site.

5. of 5 All monitoring wells, new and existing, will be sampled on a quarterly basis for the parameters outlined in the CAP for a minimum of one year from the date of installation under this Permit. Analytical results should be presented in a tabular and graphical format (time versus concentration, with water level superimposed) to facilitate trend recognition. Each monitoring report should be sent to the Lander DEQ/WQD as soon as the above information is available. After one year the sampling and reporting routine will be reviewed by DEQ/WQD and modified if necessary.

DG/mad/nc 36156.LTR

PERMIT TO CONSTRUCT

[X] New
[ ] Renewal
[ ] Modified

PERMIT NO. 93-416
SPECIAL CONDITIONS

NATRONA COUNTY INTERNATIONAL AIRPORT
AIRCRAFT RESCUE & FIRE FIGHTING TRAINING FACILITY

This permit hereby authorizes the applicant:

Natrona County International Airport
8500 Fuller Street
Casper, WY 82604

to construct, install or modify a non-biological treatment pond and water and sewer extensions according to the procedures and conditions of the application number 93-416. The facility is located in Section 21 of Township 34 North Range 80 West in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Northeast District, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone (307) 672-6457.

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

7-1-94
Date of Issuance

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

SPECIAL CONDITIONS

1 of 4 The permittee will notify the Sheridan 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 permittee will provide immediate oral and/or written notice to the Sheridan District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 4 Within sixty days of completion of construction of the authorized facility, the permittee will submit to the Sheridan District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications, 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".

Enclosures: Post Card
Certification of Completion Form
Statement of Basis

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-416

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 III.

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

Yes.

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 facility pond consists of a double liner system of 80-mil HDPE material with interstitial monitoring capability.

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

N/A.

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

N/A.

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

N/A.

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

N/A.

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

N/A.

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

Periodic leak detection monitoring of the interstitial interval between the two plastic liners is proposed. The unlikely failure of both liners would be necessary before a threat to groundwater could occur.

VII. Documentation of Statement of Basis.

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

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

DRM\pr\mad:06\23\94 42668.LTR

THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

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

May 6, 1994

PHILIP G & MERIAN TREFREN
3600 ROAD 215
CHEYENNE WY 82009

RE: **PERMIT CONDITION COMPLIANCE** - Construction Schedule Card
Facility: TREFREN SEPTIC SYSTEM
Permit Number: 93-417

Dear Facility Owner:

According to our records it has been over 60 days since the above referenced "Permit To Construct" was issued. One of the specified permit requirements was that the applicant/owner notify the appropriate district office of the Water Quality Division (WQD) via the post card attached to the permit, of the estimated dates that construction will begin and end. Please complete the attached post card and return it to the WQD right away. If the project has already been completed, please complete the required "CERTIFICATION OF COMPLETION" form which was included with the permit when issued.

To be in compliance with the permit these requirements must be followed. If you have any questions please call me at 777-7088.

Sincerely,

Gary Steele
SE District Supervisor
Water Quality Division

GS/nc 42004.LTR
Enclosure: Replacement Schedule Card
cc: Permit Compliance Tracking File

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-417
SPECIAL CONDITIONS

Trefren Septic System

This permit hereby authorizes the applicant:

Philip G. & Merian Trefren
3660 Rd 215
Cheyenne, WY 82009

to construct, install or modify septic system according to the procedures and conditions of the application number 93-417. The facility is located in NE 1/4 Section 6, T14N, R64W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

10-29-93
Date of Issuance

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

SPECIAL CONDITIONS

1 of 2 This permit is for a modification of an existing septic system permitted by Laramie County Health. This permit is to allow the connection of 2 buildings to a single septic system. The two buildings are a newly constructed home and an existing trailer house on the same property.

2 of 2 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

GLS/mad 35234.LTR

cc: Laramie County Environmental Health

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-417

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

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

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

N/A

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

VII. Documentation of Statement of Basis.

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

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

GLS/mad 35234.LTR

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 93-418
*** CONDITIONED ***

North Elk Street Water Line Replacement
(Name of Facility)

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

Rock Springs/Green River/Sweetwater Joint Powers Water Board

P.O. Box 158

Green River, WY 82935

to construct a 8" water line to replace the existing 6" water line according to the procedures and conditions of the application No. 93-418. The facility is located in SW 1/4 Sec 23, T19N, R109W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

10-29-93
Date of Issuance

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

KLE - 35131.LTR

STANDARD CONDITIONS 1 through 4

1. of 5 — The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 5 — The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

5. of 5 The water line near station 5+00 on sheet 2 of 3 on the plans appears to violate the required separation distance of 10 feet between the water line and the sanitary sewer line. If this separation distance is not satisfied, the water line must be encased.

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-418

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. NO

B. Chapter XII. YES

III. Basis for issuing permit.

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

YES

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*[1]

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

---

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

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 93-419R
*** CONDITIONED ***

Vessey Leach Field
(Name of Facility)

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

Robert Vessey

P. O. Box 64

Manderson, WY 82432

to construct a leach field according to the procedures and conditions of the application No. 93-419R.. The facility is located in SW¼ SE¼ Section 27, T.50N., R.93W. in the County of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

11-15-93
Date of Issuance

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

JH:mam
35508.LTR

STANDARD CONDITIONS 1 through 4

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

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-419R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*[1]

Not

VI. Documentation of Statement of Basis.

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

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

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 93-420
*** CONDITIONED ***

Warehouse Gas Monitor Wells
(Name of Facility)

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

Icabod, Inc.

P. O. Box 40

Jackson, WY 83001

to install 3 to 5 groundwater monitor wells according to the procedures and conditions of the application No. 93-420. The facility is located in NE¼ Section 32, T41N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

11-15-93
Date of Issuance

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

JH:mam

PERMIT CONDITIONS 1 through 19

The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 93-420. Additional monitoring wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).

1. of 19 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 19 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 19 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

   a. Date that construction of the 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 19 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5. of 19 Monitoring well construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells must be constructed from materials free of material having the potential to contaminate groundwater samples.

6. of 19 All downhole equipment shall be de-contaminated between monitoring wells (borings) to minimize the potential for cross-contamination.

7. of 19 Borehole cuttings must be screened and disposed of properly. Contaminated cuttings must be disposed of at a site approved by the DEQ's Solid and Hazardous Waste Management Division.

8. of 19 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those monitoring wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.

9. of 19 After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with city and/or highway department requirements. No monitoring well shall be abandoned without prior approval from the Water Quality Division.

10. of 19 Monitoring well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitoring wells shall be reported immediately to the division. The monitoring wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.

11. of 19 The applicant is responsible for obtaining any permits required by the State Engineer's Office (777-7354).

12. of 19 The issuance of this permit does not relieve the permittee from obligations to complete the extent of

contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of monitoring wells shall be installed to define the nature and extent of the contamination.

13. of 19 In addition to the monitoring well construction information submitted with the permit application, the following items relating to monitoring well construction shall be implemented when the monitoring wells are constructed, installed and developed:

a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;

b. For water table (unconfined) aquifers, the screened interval shall extend at least two (2) feet above the highest expected groundwater level. Monitoring wells installed in confined and semi-confined aquifers shall be constructed in accordance with Chapter XI, Section 68 of Water Quality Division Rules and Regulations. Factory screen or slotted casing is recommended for the perforated interval;

c. When PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues to hold the casing sections together;

d. To minimize the entrance of fine grained material into the monitoring well, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval. The filter pack shall extend to a minimum of one (1) foot above the screened interval;

e. Filter pack, annular seal, and surface seal material shall be entered into the monitoring well in a manner such that no voids or bridging occur;

f. A minimum two (2) foot thickness of bentonite or bentonite grout is required at the top of the filter pack to serve as an annular seal. After the

bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal.

g. The annular space above the bentonite seal to within one foot (1') of the surface will be sealed with Portland cement, sand-cement grout, or bentonite grout.

h. A protective casing shall be cemented into place when the upper one (1) foot of the annular space is completed with cement, forming a concrete apron sloping away from the monitoring well;

i. A top and bottom cap of the same material as the monitoring well casing shall be installed to prevent sediment and surface water from entering the monitoring well;

j. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;

14. of 19 DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitoring wells and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.

15. of 19 If contamination is found, a report of investigation shall be submitted to WQD within sixty (60) days of sampling the monitoring wells. This report shall contain at a minimum:

a. A chronology of events leading up to the investigation;

b. A site map showing the physical features, monitoring well/borehole locations, and mean sea level elevations of the top of casing/measuring point;

c. Final location, construction details and lithologic logs of monitoring wells/boreholes;

e. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geologic materials and groundwater occurrence;

f. Depth to water and product thickness measurements;

g. Sample collection procedures;

h. Sampling analytical results;

i. A map delineating the extent of the subsurface contamination including LNAPL (free product), soil and dissolved groundwater contamination and concentrations;

j. A potentiometric surface map showing the direction and gradient of groundwater flow; and

k. Interpretation of the data and conclusions of the investigation, including additional recommended investigation and remedial measures, and a schedule for implementation of these measures.

16. of 19 Proper monitoring well evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the monitoring well/piezometer dry once, whichever occurs first. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.

17. of 19 All monitoring wells associated with this facility shall be sampled and the groundwater analyzed for the parameters listed in the Warehouse Gas work plan according to the EPA Method stated.

18. of 19 Water which is collected during monitoring well development or sampling must be disposed of properly. The applicant may contact the city for authorization to dispose into the local sanitary sewer, wastewater treatment plant, or other facility.

19. of 19 The results of any analyses conducted on soil or water removed from these monitoring wells or boreholes shall be provided to the department as soon as they are available, if contamination is found.

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-420

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit.

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

No

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

Yes

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

Yes. Deviations are listed in "Standard Monitor Well Conditions", which are incorporated into the permit.

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*[1]

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.

b/35419.ltr

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

PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

PERMIT NO. 93-421
(SEE SPECIAL PERMIT CONDITIONS)

MILLS-BLACK HILLS BENTONITE WATER & SEWER EXTENSIONS
(Name of Facility)

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

Town of Mills
704 4th Street
Mills, Wyoming 82644

to construct, install or modify water and sewer system facilities according to the procedures and conditions of the application No. 93-421. The facility is located in the SW/4 Section 6 & NW/4 Section 7, Township 33 North, Range 79 West, in the County of Natrona in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

11/18/93
Date of Issuance

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

SPECIAL PERMIT CONDITIONS

1 of 4. The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division, the day construction commences and give an estimate of completion of the project on the attached post card. The authorized representative in your area can be contacted at the following address: Wyoming DEQ/WQD, Sheridan District Office, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

2 of 4. The permittee shall provide immediate oral and/or written notification, in accordance with Section 9, Chapter III, to the Sheridan District Office of any changes or modifications to the approved permit package.

3 of 4. Within sixty days of completion of the authorized facility, the applicant will submit to Sheridan District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

DRM/pr:11/15/93
35617.ltr

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-421

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

N/A

VII. Documentation of Statement of Basis.

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

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

DRM/pr:11/15/93

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-422
SPECIAL CONDITIONS

Cheyenne Terminal Monitoring Wells

This permit hereby authorizes the applicant:

Wyco Pipe Line Company
Drawer "C"
Evansville, WY 82636

to construct, install or modify monitoring wells according to the procedures and conditions of the application number 93-422. The facility is located in SE 1/4 Section 12, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

7/6/94
Date of Issuance

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

SPECIAL CONDITIONS

1 of 16 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 16 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 16 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 16 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5 of 16. 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 94-422. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).

6 of 16. 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.

7 of 16. 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.

8 of 16. 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.

9 of 16. 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.

10 of 16. The applicant is responsible for obtaining any permits required by the State Engineer's Office (777-7354).

11 of 16. 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.

12 of 16. In addition to the well/piezometer construction information submitted with the permit application, the following items relating to well/piezometer construction shall be implemented when the wells/piezometers are constructed, installed and developed:

a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;

b. For water table (unconfined) aquifers, the screened interval shall extend at least two (2) feet above the highest expected groundwater level. Monitoring wells/piezometers installed in confined and semi-confined aquifers shall be constructed in accordance with Chapter XI, Section 68 of Water Quality Division Rules and Regulations. Factory screen or slotted casing is recommended for the perforated interval;

c. When PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues to hold the casing sections together;

d. A protective casing shall be cemented into place when the upper one (1) foot of the annular space is completed with cement, forming a concrete apron sloping away from the well/piezometer;

e. The monitoring well/piezometer shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;

13 of 16. 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.

14 of 16. Proper monitoring well/piezometer evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well/piezometer dry once, whichever occurs first. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.

15 of 16. Water which is collected during monitoring well/piezometer development or sampling must be disposed of properly. The applicant must contact the city for authorization to dispose into the local storm sewer, sanitary sewer, wastewater treatment plant, or other facility.

16 of 16. The results of any analyses conducted on soil or water removed from these wells/piezometers or boreholes shall be provided to the department as soon as they are available.

GLS/bb/42782.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-422

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

GLS/bb/42782.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-423
SPECIAL CONDITIONS

Shirley Forgey Septic System

This permit hereby authorizes the applicant:

Shirley Forgey
1681 Esterbrook
Douglas, Wyoming 82633

to construct, install or modify septic system according to the procedures and conditions of the application number 93-423. The facility is located in SW 1/4, NW1/4, Section 8, T32N, R 71W in the county of Converse, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

10-29-93
Date of Issuance

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

SPECIAL CONDITIONS

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

2 of 4 The applicant will provide immediate oral and/or written notice to Southeast District in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

GLS/mad 35235.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-423

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

A. Chapter XI. yes

B. Chapter XII. no

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

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

yes

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

no

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

no

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

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

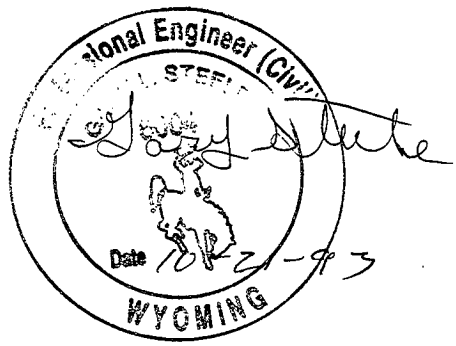
GLS/mad 35235.LTR

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: **Forgey Office Building**

ENGINEER: **John Lambert**
P.O. Box 34
Douglas, WY 82633



APPLICANT: **Shirley Forgey**
1681 Easterbrook
Douglas, WY 82633

WATER QUALITY REFERENCE NUMBER: 93-423

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **October 20, 1993**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1. Please submit the septic tank details or the name of the manufacturer if the manufacturer is on the list of approved septic tank manufacturers.

2. The engineer needs to fill out item 6 on the application form and stamp and sign the sheet of design details.

If you have any questions please feel free to contact me at 777-7088.

GLS/bb/35056.ltr

R7

93-424

THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

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

July 19, 1994

Mr. John Miller
Dowell Schlumberger Incorporated
300 Schlumberger Drive
Sugarland, TX 77478

RE: Review of DSI's Letters
Former Bulk Plant Facility
Gillette, WY

Dear Mr. Miller:

I am writing this letter in response to your recently submitted letters. Comments and requirements are summarized on the enclosed Groundwater Pollution Control (GPC) Program Review Form.

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

Sincerely,

Phillip Stump

Phillip Stump
Senior Environmental Analyst
Water Quality Division

PS/nc 43031.LTR
Enclosures: GPC Program Review Form
xc: 1994 Northeast District Review Forms
Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne
Don Fischer, NE District Supervisor, WQD/Sheridan
ps: DOW-SCHL\DSI-SPRG.RV7

GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

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

PROJECT: DSI Former Bulk Plant (Pilot-Scale SVE System)
Gillette, WY

APPLICANT: Dowell Schlumberger Incorporated
300 Schlumberger Drive
Sugarland, TX 77478
(713) 275-8498

APPLICANT'S ENGINEER: Western Water Consultants, Inc.
611 Skyline Road
Laramie, WY 82070
(307) 742-0031

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: **93-424**

TITLE:

Report of ongoing product recovery system, semi-annual groundwater monitoring, and testing of the soil vapor extraction (SVE) system (5/11/94).

Response letter (6/3/94) to the Groundwater Section Review's Requirements/ Recommendations.

Installation of catalytic-oxidizer letter (6/6/94).

Site visit letter (6/28/94).

✓ **PROPOSAL** _ **PLANS** ✓ **REPORTS**

DATE ON PROPOSAL/PLANS/LETTERS: May 11, 1994
June 3, 1994
June 6, 1994
June 28, 1994

ARE THESE REPORTS/PROPOSALS SUBMITTED PURSUANT TO 'CONDITIONS' TO ANY WDEQ/WQD PERMIT?

YES ✓ **NO**_ Permit No. 93-424, Permit No. 93-187

REVIEWER: Phillip Stump, Senior Environmental Analyst

DATE OF LAST REVIEW: May 12, 1994

DATE OF THIS REVIEW: July 20, 1994

1 SUMMARY OF EXISTING CONTAMINATION:

1.1 Refer to previous report, "Additional Environmental Assessment and Conceptual Plan for Site Remediation," dated March 1993.

1.2 The dissolved hydrocarbon contaminant levels from the most recent sampling are tabulated below.

TABLE I. Dissolved Hydrocarbon Contaminant Levels in Groundwater Samples at the Dowell Schlumberger Former Bulk Plant Facility, Gillette, WY

Monitoring Well	Sampling Date	Benzene (mg/l)	Toluene (mg/l)	1,1 -DCE (mg/l)	1,1,1 - TCA (mg/l)
	MCL's	0.005	1.0	0.007	0.200
MW-17	3/23/94 3/23/94 *	ND(0.0005) ND(0.0005)	ND(0.0005) 0.0126~	0.37 0.56	5. 8.5
MW-20	3/23/94	ND(0.0005)	ND(0.0005)	0.175	3.1
MW-25	3/23/94	0.268	ND(0.002)	ND(0.002)	ND(0.002)
MW-26	2/23/94 3/23/94 *	ND(0.0005) ND(0.05)	ND(0.0005) 0.28~	0.0212 ND(0.05)	0.516 0.56
MW-27	3/23/94	ND(0.005)	0.01	0.102	1.43
RW-2	3/23/94	ND(0.5)	540	ND(0.5)	0.89
RW-3	3/23/94	ND(0.25)	444	ND(0.25)	ND(0.25)
RW-4	3/23/94	ND(5)	163	ND(0.0005)	0.001

* Duplicates
~ Discrepancies in toluene concentration are due to carry over analytical error from previous samples (semi-annual groundwater monitoring letter, 5/11/94).

1.3 Dissolved hydrocarbon contaminant levels in monitoring wells at the DSI Former Bulk Plant exceed concentrations allowable in groundwater pursuant to Wyoming Water Quality Rules and Regulations, Chapter VIII, Section 4(d). In monitoring wells (MW-17) and (MW-25) the contaminant levels are approximately 50 to 100 times greater than state and federal (MCL) standards. Since these monitoring wells are located at the downgradient property line, WDEQ/WQD is concerned about off-site contamination emanating from DSI sources.

1.4 The water table elevations have risen approximately 2 feet at the site in the past year. WDEQ/WQD is concerned that the water table has risen above the zone of residually adsorbed soil contamination in the capillary zone, thereby, decreasing the effectiveness of the SVE system.

2 REQUIREMENTS/RECOMMENDATIONS:

2.1 The material and design specifications (i.e., manufacturers' specification sheets, performance curves, etc.) shall be provided for the catalytic oxidation unit and any additional equipment installed during this modification. Please provide operational monitoring data from the initial pilot tests that were performed to optimize the operating conditions of the catalytic oxidizer unit.

2.2 WDEQ/WQD agrees with the proposal to operate the SVE system for six months following catalytic oxidizer installation (5/18/94). After operating the SVE system for six months (i.e., until 11/28/94), WDEQ/WQD will evaluate the remedial effects of the system.

2.3 The monitoring wells identified in your June 28, 1991 letter shall be sampled quarterly for the six month period. Please note that the recovery wells (RW-2, RW-3, and RW-4) shall be sampled and analyzed for BTEX at the end of the six month period.

2.4 Pursuant to Permit No. 93-424, a summary report of the pilot SVE system shall be submitted to WDEQ/WQD. This summary report and the supplemental report on the installation and operation of the catalytic oxidation unit shall be submitted within (45) days following the six months of operation of the SVE system.

2.5 WDEQ/WQD is responding to your letter dated June 3, 1994. The Groundwater Section Review's requirements from the December 22, 1993 GPC Review have not been adequately addressed. The requirements are reiterated below (i.e., (1.) - (4.)). Following each requirement, WDEQ/WQD's responses and requested actions are provided.

(1.) "a plan and schedule to eliminate source(s) of contamination to both soils and groundwater in the eastern part of the site;"

2.5.1 As discussed during WDEQ/WQD's site visit on June 22, 1994, please formally propose a plan and schedule to excavate the silty clay layer of contaminated soils.

Although the shallow soil-vapor survey identified a 'hot spot' of contamination near the former drum storage pad, soil samples taken at deeper locations (e.g., 19 feet below grade in monitoring well (MW-26)) detected contamination. Please propose a plan to eliminate the sources of contamination at deeper depths. Land farming or on-site treatment of soil must be authorized by the DEQ/Solid and Hazardous Waste Division prior to initiation. Please contact Tim Link, DEQ/SHWD at the Cheyenne office (307)777-7752.

(2.) "a plan and schedule to determine the vertical and horizontal nature and extent of BTEX and solvent contamination in both soil and groundwater in both the eastern and western areas of the site, as well as off-site;"

2.5.2 Presently, dissolved chlorinated solvent contamination exists in the groundwater throughout the eastern part of the site. The horizontal extent has not been determined as previously noted in the WDEQ/WQD's review dated May 12, 1994.

2.5.3 Although DNAPL's in the form of free product have not been detected on-site, it is likely that they exist and are a significant source of dissolved groundwater contamination. Since 1,1,1 trichloroethane concentrations in monitoring well (MW-17) exceed 1% of the water solubility of this organic compound, the presence of DNAPL is likely. (*DNAPL Site Evaluation*. Mercer, John W. and Cohen, Robert M., p. 7-6, Table 7-4.)

2.5.4 The extent and levels of downgradient and offsite groundwater contamination and potential groundwater users shall be completely defined by site investigation studies.

2.5.4.1 Please provide a plan to perform a field survey (i.e., State Engineer's well survey and field 'windshield survey') to identify any potential groundwater users at downgradient locations. Since dissolved groundwater contamination has been detected in an upgradient well (MW-26), also submit a plan to perform a field survey to identify any potential users north of this facility.

2.5.4.2 Submit a plan and schedule to install groundwater monitoring well(s) at downgradient locations south of the railroad tracks and/or perform geoprobe investigations in this vicinity. WDEQ/WQD strongly recommends installing monitoring wells to enable more representative samples of groundwater quality and, if required, subsequent sampling events in the future.

2.5.5 'Natural attenuation' may be an acceptable approach toward restoring soil and groundwater quality to WDEQ standards of acceptance, but the full extent and level of contamination must be defined prior to deciding upon the feasibility of implementing this 'approach'.

(3.) "a schedule to install groundwater containment systems as needed to prevent continuing migration of LNAPL (free product) and dissolved constituents;"

2.5.6 As discussed during WDEQ/WQD's site visit on June 22, 1994, submit a proposed plan and schedule for installation of an air sparging system in the western part of the site.

2.5.7 Supporting information will be required in regards to the following comment: "... it is believed that biodegradation and dilution will effectively preclude contaminant migration off-site within a very short time." To verify and quantify natural attenuation processes (i.e., biodegradation, dilution, etc.) submit the following:

2.5.7.1 Site specific data (i.e., factors affecting biodegradation, sampling data such as O_2 and CO_2 levels, etc.);

2.5.7.2 Determination of a dilution/attenuation factor based upon site characterization data.

2.5.8 The EPA's 'Guidance for Evaluating the Technical Impractibility of Groundwater Restoration' presents approaches for managing DNAPL sites and provides alternative remedial strategies. Although EPA acknowledges the difficulty of completely restoring groundwater to meet cleanup standards, controlling and containing the sources of DNAPL contamination and preventing the migration of dissolved groundwater contamination are immediate actions that must be addressed. Presently, the containment of the dissolved groundwater contamination of chlorinated solvents has not been adequately addressed at this DSI facility.

(4.) "a schedule to implement corrective, remedial actions as needed to restore soil and groundwater quality to WDEQ standards of acceptance in the eastern area of the site."

2.5.9 DSI must submit a plan and schedule to implement restoration and control(s) of contamination in the eastern portion of the site. DSI may formally propose 'natural attenuation' or other approaches by providing the necessary supporting information. WDEQ/WQD will evaluate the feasibility of implementing the proposed 'approach' to restore soil and groundwater quality and control the off-site migration of groundwater contamination.

Within forty-five (45) days, submit the plans and schedules to perform the requested actions to WQD/Cheyenne.

PS/nc 43031.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-424
SPECIAL CONDITIONS

Dowell Schlumberger Inc. Former Bulk Plant

This permit hereby authorizes the applicant:

Dowell Schlumberger Incorporated
300 Schlumberger Drive

Sugarland, TX 77478

to construct, install or modify pilot-scale soil vapor extraction system according to the procedures and conditions of the application number 93-424. The facility is located in Section 22, T50N, R72W in the county of Campbell, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

12-23-93
Date of Issuance

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

SPECIAL CONDITIONS

1 of 1. The pilot-scale SVE tests shall be implemented and monitored as follows:

a. Perform the SVE pilot-scale tests at various operating flow rates and vacuums to determine the most efficient operating conditions and the ROI (Radius of Influence) of the SVE wells;

b. An adequate number of soil-vapor sampling points shall be installed concentrically away from two of the SVE wells at differing horizontal distances to measure the ROI in the vadose zone;

c. Soil-vapor sampling points shall be installed at locations so that samples taken during combined air sparging and SVE tests will verify that a net negative pressure will exist in the vadose zone and all vapors are captured by the SVE system;

d. During the pilot-scale tests the dedicated soil-vapor sampling points in the

vadose zone shall measure the following:

(1) soil vapor pressure/vacuum levels before and during each pilot-scale test;

(2) If biodegradation potential is to be evaluated, O_2 and CO_2 levels in the soil vapor, and;

(3) Background levels must be established before system start-up for all parameters.

e. During operation of the SVE pilot-scale system pressure/vacuum levels at each SVE wellhead shall be monitored and documented at system start-up and periodically thereafter.

f. During the SVE pilot-scale tests the VOC concentrations from the vacuum blower exhaust and the post-treatment emissions shall be measured twice daily until removal levels decrease significantly or for 1 week, whichever is longer.

g. During the SVE pilot-scale tests the groundwater and recovery wells shall be monitored as follows:

(1) The bi-weekly inspections pursuant to WDEQ/WQD Permit No. 93-187 shall be submitted in the bi-monthly report. The amount of free product recovered and free product thickness levels shall be included in this report.

(2) Wells MW-12, MW-16, MW-19, MW-22, MW-23, MW-24, MW-25, RW2, RW3, and RW4 shall be sampled and analyzed for BTEX by EPA Method 602 (or equivalent method) after the completion of the final SVE pilot-scale test.

(3) Before and during each SVE pilot-scale test, measure VOC levels in the headspace of groundwater samples taken from wells in the immediate vicinity of the SVE tests.

(4) Measure static water levels at the same frequency of groundwater quality sampling and after initial start-up of the SVE system to detect any mounding or collapse of the water table.

(5) If biodegradation potential is to be evaluated, measure O_2 and CO_2 levels in the groundwater.

(6) Background levels must be established before system start-up for all parameters.

2 of 2. Within (90) days upon completion of installation of the pilot-scale SVE system, a report shall be submitted to DEQ/WQD for review. Depending on the success of

the pilot-scale study, this report may also accompany an application for a Chapter III Permit to Construct the full-scale air sparging/SVE system. At a minimum, the report shall include the following:

a. A description of the pilot-scale tests performed and an analysis of the empirical data from the tests which includes:

   (1) performance results (ROI's, contaminant removal rates, total mass of contaminant removed, etc.)

   (2) projected contaminant removal rates over time;

   (3) problems encountered and responses taken during the tests.

b. Well completion diagrams for the soil-vapor sampling points, and any other new wells (include boring logs which illustrate lithology). Also provide an as-built schematic of the soil-vapor sampling point design;

c. Empirical data shall be presented in tabular form (dissolved BTEX concentrations, etc.) and in graphical form (soil vapor pressure/vacuum vs. distance from SVE well for the differing flow rate of each test, etc.), and;

d. Plan view maps of the site illustrating:

   (1) the ROI of the SVE wells (verified by pilot-scale results);

   (2) iso-concentration maps of the dissolved contaminants;

   (3) extent of free product plume(s);

   (4) potentiometric surface (water table elevations), and;

   (5) locations of all soil-vapor sampling points, SVE wells, vent wells, groundwater monitoring wells, and proposed air sparging wells.

3 of 3. An annual report summarizing all work done in the previous year and describing plans and schedules for further work shall be submitted within 30 days of the anniversary date of pilot-scale SVE start-up. The annual report shall include an evaluation of the remediation systems' performance in meeting the original objectives.

This reporting schedule will be adhered to, unless changes are required upon WDEQ/WQD's reviews of submitted reports.

4 of 4. If this system is to be operated on a full-scale and long term basis, an Operation & Maintenance (O & M) Manual of the facility shall be submitted to WDEQ/WQD for approval approximately 30 days after full-scale system start-up. Items to be included in the O & M Manual are as follows:

PERMIT NO. 93-424

a. Specific operating information for each of the components of the system.

b. Routine scheduled maintenance and any other required maintenance.

c. Performance monitoring plan (i.e., sampling and monitoring frequencies, parameter lists, operating flow rates and pressures, etc.) and the reporting schedules for submitting results to WDEQ/WQD.

d. Contingency plans in the event of any equipment failure.

PBS/mad 36213.LTR

Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne
File, WQD Permit Reference #93-424

THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

Administration	Air Quality Division	Land Quality Division	Solid Waste Management Program	Water Quality Division
(307) 777-7937	(307) 777-7391	(307) 777-7756 FAX (307) 634-0799	(307) 777-7752	(307) 777-7781 FAX (307) 777-5973

December 22, 1993

Mr. John Miller
Dowell Schlumberger Incorporated
300 Schlumberger Drive
Sugarland, TX 77478

Re: Permit to Construct #93-424
Pilot-Scale SVE System
DSI Former Bulk Plant
Gillette, WY

Dear Mr. Miller:

The Water Quality Division (WQD) has reviewed the referenced Permit to Construct application materials. The enclosed Permit to Construct authorizes DSI to install a pilot-scale Soil Vapor Extraction (SVE) system. Additional comments and requirements are summarized on the enclosed Groundwater Pollution Control (GPC) Program review form.

Please contact me directly should you have any questions.

Sincerely,

Phillip Stump
GPC Program Engineer
Water Quality Division

PS/mad 36214.LTR
enclosures: Permit to Construct
Groundwater Section Review Form

xc: 1993 Northeast District Review Forms
Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne
Susan Fields, P.E., Western Water Consultants, Laramie

GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

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

PROJECT: Pilot-Scale Soil Vapor Extraction System
DSI Former Bulk Plant, Gillette

APPLICANT: Dowell Schlumberger Incorporated
300 Schlumberger Drive
Sugarland, TX 77478
(713) 275-8498

CONSULTANT: Western Water Consultants, Inc.
611 Skyline Road
Laramie, WY 82070
(307) 742-0031

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: **93-424**

TITLE: Application for Permit to Construct Pilot-scale Air Sparging/SVE System

✓ **PROPOSAL** ✓ **PLANS** _ **REPORT**

DATE ON PROPOSAL/PLANS/REPORT: October 7, 1993

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

YES_ NO ✓

REVIEWING GEOLOGIST: Kevin Frederick, P.G., Supervisor, GPC Program

REVIEWING ENGINEERS: Phillip Stump, E.I.T., GPC Program Engineer
Jake Strohman, P.E., Groundwater Section Manager

DATE OF LAST REVIEW: N/A

DATE OF THIS REVIEW: December 22, 1993

ACTION: **AUTHORIZED**

I. SUMMARY OF EXISTING CONTAMINATION:

Refer to previous report, "Additional Environmental Assessment and Conceptual Plan for Site Remediation," dated March 1993.

II. CONCLUSION OF ADEQUACY OF WORK COMPLETED TO DATE:

1. WDEQ/WQD is very concerned that the sources of groundwater contamination continue to exist in the form of both free product and **contaminated soils**. Recent groundwater monitoring results indicate that **free product** continues to exist in the western area of the site; **contaminated soils** continue to exist in both the western and eastern areas of the site. Present product recovery operations have been relatively ineffective (15.5 gallons in RW-1 and 0.58 gallons in MW-24 as of April 23, 1993; 19.65 gallons from RW-1 between April and Aug. 18, 1993). No active soil treatment has occurred.

2. WDEQ/WQD is very concerned that the migration of contaminated groundwater has not been controlled. Recent sampling indicates that contaminated groundwater is migrating off-site from both the eastern and western areas of the site.

3. The dissolved contaminant plumes in both the eastern and western areas of the site have not been fully delineated.

III. REQUIREMENTS/RECOMMENDATIONS:

1. The proposed plan for implementing air sparging/SVE pilot-scale tests submitted as part of the Application for the Permit to Construct may be applicable to full-scale design but **only the SVE portion of the application is being authorized at this time** as a pilot-scale test.

    a. The SVE Pilot-Scale System will be authorized under a new permit number (93-424). Please reference this number on all future correspondence related to operation of the SVE system.

2. Within (60) days from the issuance of this permit, the following should be submitted to WDEQ/WQD:

    a. a plan and schedule to eliminate source(s) of contamination to both soils and groundwater in the eastern part of the site;

    b. a plan and schedule to determine the vertical and horizontal nature and extent of BTEX and solvent contamination in both soil and groundwater in both the eastern and western areas of the site, as well as off-site;

    c. a schedule to install groundwater containment systems as needed to prevent continuing migration of LNAPL (free product) and dissolved constituents;

    d. a schedule to implement corrective, remedial actions as needed to restore soil and groundwater quality to WDEQ standards of acceptance in the eastern area of the site.

3. In the report, "Additional Environmental Assessment and Conceptual Plan for Site Remediation," dated March 1993, three methods were proposed to cleanup the silty clay layer of soils in contaminated areas #1, #2, and #3 of Figure 3-3. Dowell Schlumberger shall provide a tentative plan and timetable for remediating the soils in these areas.

   a. Land farming or on-site treatment of soil must be authorized by the DEQ/Solid and Hazardous Waste Division prior to initiation. Please contact Tim Link, WDEQ/SHWD at the Cheyenne office (307)777-7752 for instructions.

4. WDEQ/WQD authorizes Permit to Construct #93-424 for the pilot-scale **SVE system only** under the following **CONDITIONS**:

SVE PILOT-SCALE TEST CONDITIONS

1. The pilot-scale SVE tests shall be implemented and monitored as follows:

   a. Perform the SVE pilot-scale tests at various operating flow rates and vacuums to determine the most efficient operating conditions and the ROI (Radius of Influence) of the SVE wells;

   b. An adequate number of soil-vapor sampling points shall be installed concentrically away from two of the SVE wells at differing horizontal distances to measure the ROI in the vadose zone;

   c. Soil-vapor sampling points shall be installed at locations so that samples taken during combined air sparging and SVE tests will verify that a net negative pressure will exist in the vadose zone and all vapors are captured by the SVE system;

   d. During the pilot-scale tests the dedicated soil-vapor sampling points in the vadose zone shall measure the following:

      (1) soil vapor pressure/vacuum levels before and during each pilot-scale test;

      (2) If biodegradation potential is to be evaluated, O_2 and CO_2 levels in the soil vapor, and;

      (3) Background levels must be established before system start-up for all parameters.

   e. During operation of the SVE pilot-scale system pressure/vacuum levels at each SVE wellhead shall be monitored and documented at system start-up and periodically thereafter.

f. During the SVE pilot-scale tests the VOC concentrations at the vacuum blower exhaust and the post-treatment emissions shall be measured twice daily until removal levels decrease significantly or for 1 week, whichever is longer.

g. During the SVE pilot-scale tests the groundwater and recovery wells shall be monitored as follows:

(1) The bi-weekly inspections pursuant to WDEQ/WQD Permit No. 93-187 shall be submitted in the bi-monthly report. The amount of free product recovered and free product thickness levels shall be included in this report.

(2) Wells MW-12, MW-16, MW-19, MW-22, MW-23, MW-24, MW-25, RW2, RW3, and RW4 shall be sampled and analyzed for BTEX by EPA Method 602 (or equivalent method) after the completion of the final SVE pilot-scale test and before any air sparging is initiated.

(3) Before and during each SVE pilot-scale test, measure VOC levels in the headspace of groundwater samples taken from wells in the immediate vicinity of the SVE tests.

(4) Measure static water levels at the same frequency of groundwater quality sampling and after initial start-up of the SVE system to detect any mounding or collapse of the water table.

(5) If biodegradation potential is to be evaluated, measure O_2 and CO_2 levels in the groundwater.

(6) Background levels must be established before system start-up for all parameters.

2. Within (90) days upon completion of installation of the pilot-scale SVE system, a report shall be submitted to WDEQ/WQD for review. Depending on the success of the pilot-scale study, this report may also accompany an application for a Chapter III Permit to Construct the full-scale air sparging/SVE system. At a minimum, the report shall include the following:

a. A description of the pilot-scale tests performed and an analysis of the empirical data from the tests which includes:

(1) performance results (ROI's, contaminant removal rates, total mass of contaminant removed, etc.)

(2) projected contaminant removal rates over time;

(3) problems encountered and responses taken during the tests.

b. Well completion diagrams for the soil-vapor sampling points, and any other new wells (include boring logs which illustrate lithology). Also provide an as-built schematic of the soil-vapor sampling point design;

c. Empirical data shall be presented in tabular form (dissolved BTEX concentrations, etc.) and in graphical form (soil vapor pressure/vacuum vs. distance from SVE well for the differing flow rate of each test, etc.), and;

d. Plan view maps of the site illustrating:

(1) the ROI of the SVE wells (verified by pilot-scale results);

(2) iso-concentration maps of the dissolved contaminants;

(3) extent of free product plume(s);

(4) potentiometric surface (water table elevations), and;

(5) locations of all soil-vapor sampling points, SVE wells, vent wells, groundwater monitoring wells, and proposed air sparging wells.

3. An annual report summarizing all work done in the previous year and describing plans and schedules for further work shall be submitted within 30 days of the anniversary date of pilot-scale SVE start-up. The annual report shall include an evaluation of the remediation systems' performance in meeting the original objectives.

This reporting schedule will be adhered to, unless changes are required upon WDEQ/WQD's reviews of submitted reports.

4. If this system is to be operated on a full-scale and long term basis, an Operation & Maintenance (O & M) Manual of the facility shall be submitted to WDEQ/WQD for approval approximately 30 days after full-scale system start-up. Items to be included in the O & M Manual are as follows:

a. Specific operating information for each of the components of the system.

b. Routine scheduled maintenance and any other required maintenance.

c. Performance monitoring plan (i.e., sampling and monitoring frequencies, parameter lists, operating flow rates and pressures, etc.) and the reporting schedules for submitting results to WDEQ/WQD.

d. Contingency plans in the event of any equipment failure.

THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

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

May 6, 1994

STEVE HASCALL
3220 MCKINNEY DRIVE
CHEYENNE WY 82009

RE: **PERMIT CONDITION COMPLIANCE** - Construction Schedule Card
Facility: HASCALL DOMESTIC WW DISPOSAL
Permit Number: 93-425

Dear Facility Owner:

According to our records it has been over 60 days since the above referenced "Permit To Construct" was issued. One of the specified permit requirements was that the applicant/owner notify the appropriate district office of the Water Quality Division (WQD) via the post card attached to the permit, of the estimated dates that construction will begin and end. Please complete the attached post card and return it to the WQD right away. If the project has already been completed, please complete the required "CERTIFICATION OF COMPLETION" form which was included with the permit when issued.

To be in compliance with the permit these requirements must be followed. If you have any questions please call me at 777-7088.

Sincerely,

Gary Steele
SE District Supervisor
Water Quality Division

GS/nc 42004.LTR
Enclosure: Replacement Schedule Card
cc: Permit Compliance Tracking File

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-425
SPECIAL CONDITIONS

Hascall Domestic Wastewater Disposal

This permit hereby authorizes the applicant:

Steve Hascall
3220 McKinney Drive
Cheyenne, WY 82009

to construct, install or modify commercial septic system according to the procedures and conditions of the application number 93-425. The facility is located in NE 1/4 Section 33, T14N, R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

10/26/93
Date of Issuance

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

SPECIAL CONDITIONS

1 of 3 This permit is for a change in use for an existing septic system permitted by the Laramie County Environmental Health Department.

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

3 of 3 All debris, meat scraps, fat, hair, and blood shall be cleaned from all utensils such as knives and saws, from all tables and the floor prior to the facility being washed down. The floor drain screen shall be cleaned after each washing. All debris, pieces of fat, hair, blood and cleaning rags shall be placed in a container and disposed of at a facility licensed to take such wastes.

GLS

cc: Laramie County Environmental Health
Linda Stratton, Department of Agriculture, Cheyenne

STATEMENT OF BASIS

General information.

A. Permit Number: 93-425

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 - Chapter XI Part D does not specifically cover the discharge from a meat processing area into a septic system. The septic system exists and was permitted by the Laramie County Environmental Health Department. This permit is for the change in use of the septic system from strictly domestic waste to domestic waste and wash water from the meat processing area.

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

No

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

No

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

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

B. Briefly state the basis for the deviation.

The permit is not based upon a deviation. The permit is based upon the information in the application package and from the engineer. The discharge from the meat processing facility will be virtually free from all grease, fat, and blood. All debris and blood from saws, tables and floor are is to be picked up and placed in a container prior to washing the facility.

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

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

GLS/bb/35057.ltr

PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 93-426RR
*** CONDITIONED ***

Bar-B-Bar Meadows Water Supply System
(Name of Facility)

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

Bar-B-Bar Corporation

P. O. Box 194

Scarsborough, NY 10510

to construct a chlorination/control building, booster pumps, and wells according to the procedures and conditions of the application No. 93-426RR. The facility is located in NE¼ Section 27, T42N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

2-15-94
Date of Issuance

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

JH/jyi

STANDARD CONDITIONS 1 through 4

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

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-426RR

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. NO

B. Chapter XII. YES

III. Basis for issuing permit.

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

NO

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

YES

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

NO

IV. Facilities not specifically covered by regulations.

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

Chapter XII, Section 8

B. Briefly state the basis for the deviation.

Deviation to Section 8 requirement to provide an alternative power source was based upon information that indicated outages at the permitted facility location are about 0.25 percent of the time. This percent will improve even further with new lines planned for the area.

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

N/A

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

NOT

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.

b/40745.ltr

PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 93-427
*** CONDITIONED ***

Flying Diamond Ranch Septic/Leach System
(Name of Facility)

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

Alex Horst

P.O. Box 746

Encampment, WY 82325

to construct a single family dwelling septic/leach system according to the procedures and conditions of the application No. 93-427. The facility is located in SE 1/4 Section 17, T15N, R83W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

11-15-93
Date of Issuance

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

STANDARD CONDITIONS

1. of 5 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 5 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

5. of 5 The proposed septic tank manufactured by Norwesco is in compliance with the DEQ/WQD Rules and Regulations, however, the manufacturer precautions regarding filling the tank with water during burial and immediately after pumping.

KLE/nc 35420.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-427

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. NO

III. Basis for issuing permit.

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

NO

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*[1]

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

KLE/nc 35420.LTR

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

R 7

THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

Administration	Air Quality Division	Land Quality Division	Solid Waste Management Program	Water Quality Division
(307) 777-7937	(307) 777-7391	(307) 777-7756 FAX (307) 634-0799	(307) 777-7752	(307) 777-7781 FAX (307) 777-5973

December 22, 1993

Mr. Bill Simonds
David J. Newton Associates
1201 S.W. 12th Ave. Suite 400
Portland Oregon 97205

RE: Wastewater facilities at Burns Bros. Travel Stop, DEQ/WQD Ref. No. 93-428

Dear Mr. Simonds:

This letter is in response to your submittal dated December 10, 1993 and was received in this office on December 15th. Upon review of the submittal package it has been determined that the following concerns need to be addressed prior to the issuance of a permit.

1. Maps or drawings which include the following items:

   a) The location of all water wells in the area of the infiltration ditch.

   b) Direction of groundwater flow.

   c) Construction drawings of the proposed ditch and its location.

   d) The necessary fencing with details which will be necessary to keep both humans and animals from entering the area around the ditches.

   e) The location of the chlorine contact basin, all piping and all existing facilities.

   f) The location, installation details and specifications for the depth gauges for each lagoon.

g) Provide the calculations showing the volume of water that needs to be removed from the lagoons to restore the system to the design mass balance cycle.

The construction permit when issued will contain the following conditions and requirements:

a) The volume of wastewater discharged to the ditches shall be the minimum amount necessary to restore the system to the mass balance cycle.

b) Water consumption data and lagoon level data shall be collected quarterly and the results to be submitted to this office in a yearly report. The reports shall be submitted until such time that this office determines that the monitoring is not necessary.

c) The lagoon effluent shall be sampled and tested for TSS (mg/l), PH, NH4 as N (mg/l), NO2+NO3 as N(mg/l), TDS (mg/l), and chlorine residual. The samples shall be taken once a month and the results submitted to this office within 10 days after receiving the results.

d) After the discharge is complete the ditches shall be reclaimed, the pipe removed, and the chlorine contact basin shall be dismantled and properly removed from the site.

If you have any questions regarding this letter please feel free to contact me.

Yours truly,

Gary Steele, P.E.
Southeast District Engineering Supervisor
Water Quality Division

GS/nc 36168.LTR

Enclosures

RF

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-428
SPECIAL CONDITIONS

Burns Brothers Travel Stop

This permit hereby authorizes the applicant:

Burns Brothers Inc.
516 SW Morrison, Suite 1200
Portland, Oregon 97214

to construct, install or modify wastewater facility according to the procedures and conditions of the application number 93-428. The facility is located in SW 1/4 Section 23, T14N, R64W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 6 months from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

1-21-94
Date of Issuance

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

SPECIAL CONDITIONS

1 of 10 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 10 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 10 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 10 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5 of 10 The volume of wastewater discharged to the infiltration ditch shall be the minimum amount necessary to lower the operating level of the lagoons to 4.5 feet.

6 of 10 Water consumption data and lagoon level data shall be collected quarterly and the results to be submitted to this office in a yearly report. The first report shall include the levels of the lagoons prior to the start of discharge. The reports shall be submitted until such time that this office determines that the monitoring is not necessary.

7 of 10 This permit is for the construction and operation of the infiltration ditch and is for the emergency removal of excess wastewater in the wastewater lagoons. The infiltration ditch is to operated only on a one time emergency basis to allow the water level in the lagoons to be drawn down as specified in item 5 above. If the permittee has a problem with high water levels after this permit expires the permittee will be required to address the problem by other means such as expansion of the existing lagoon system.

8 of 10 After completion of the one time infiltration operation the ditches shall be filled and reclaimed, the pipe removed, and the chlorine contact basin shall be dismantled and properly removed from the site. The reclamation of the site shall be completed within 30 days after completion of the infiltration process

9 of 10 The lagoon effluent shall be sampled and tested for TSS (mg/l), PH, NH3 as N (mg/l), NO2+NO3 as N (mg/l), TDS, and chlorine residual. The samples shall be taken once a month and the results submitted to this office within 10 days after receiving the results. If the test results indicate that the quality of the wastewater will cause a violation of class I groundwater standards the permittee shall stop any further discharge to the infiltration ditch and notify the Southeast District Office immediately. The engineer will provide the Southeast District Office with a report indicating a course of action within seven days after the test results are received.

10 of 10 The point of withdraw from the lagoons shall be in Cell II and located a minimum of 10 feet from any lagoon sideslope. The point of withdraw shall be as far away from the inlet pipe as possible to help prevent short circuiting. The discharge pipe shall be placed such that all effluent is withdrawn from the surface of Cell II at all times. The pipe shall be checked daily to verify that the withdraw is from the surface of the lagoon.

GLS/jn - 40234.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-428

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

Yes

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:

The proposed infiltration ditch will allow discharge to groundwater by infiltration through approximately 100 feet of soil strata.

The wastewater was tested and data submitted which indicates that the discharge will not cause a violation of groundwater standards except for TDS. The test results did show that the TDS value (990 mg/l) in the wastewater is above the state standards. The engineer has however indicated that due to the low flow rate of wastewater into the aquifer and by dispersion and dilution the discharge impact will only affect the immediate area of the discharge and will not impact any wells in the area.

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.

The engineer submitted a map indicating the direction of the groundwater gradient which shows that the existing wells in the area will not be affected.

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

The permittee will be required to test the wastewater monthly during the discharge operation. If the test data shows that a groundwater will occur the permittee is required to stop discharging to the infiltration ditch and to notify Wyoming Department of Environmental Quality.

VII. Documentation of Statement of Basis.

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

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

/jn - 40234.ltr

THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

Administration	Air Quality Division	Land Quality Division	Solid Waste Management Program	Water Quality Division
(307) 777-7937	(307) 777-7391	(307) 777-7756 FAX (307) 634-0799	(307) 777-7752	(307) 777-7781 FAX (307) 777-5973

November 10, 1993

JDI, Inc.
Jere Bishop, President
P.O. Box 2986
Jackson, WY 83001

RE: As-Built #93-429R
Days Inn Water & Sewer

Dear Mr. Bishop:

We have reviewed the referenced application as submitted by Jorgensen Engineering and Land Surveying, P.C., Jackson.

The Days Inn water and sewer facilities appear to meet the requirements of the Rules and Regulations of the Wyoming Department of Environmental Quality/Water Quality Division, and therefore, you are hereby granted As-Built authorization.

Since the Days Inn is already constructed, a permit to construct will not be issued, and this letter and the stamped drawings will serve as your official notification of authorization.

Sincerely,

William L. Garland
Administrator
Water Quality Division

WLG/GL/nbs/nc 35569.LTR
cc: Jeff Hermansky, District Supervisor, DEQ/WQD
Larry Robinson, DEQ/WQD, Cheyenne
Robert T. Ablondi, Jorgensen Engineering
Laura Yokel, Town of Jackson
File (2)

PERMIT TO CONSTRUCT

[x] New

[] Renewal

[] Modified

Permit No. 93-430RR
*** CONDITIONED ***

Jackson Hole Campground Sewer
(Name of Facility)

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

Mike Kennedy

1255 W. Broadway

Jackson, WY 83001

to construct a six (6) inch diameter sewer collection system according to the procedures and conditions of the application No. 93-430RR. The facility is located in NE 1/4, NE 1/4, Section 6, T40N, R116W, Town of Jackson in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

6-20-94
Date of Issuance

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

GL/bb/42502.ltr

STANDARD CONDITIONS 1 through 4

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

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-430RR

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit.

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

No

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

Chapter XI, Part B, Section 9d (i), "Terminal sewer cleanouts may be provided at the end of sewer lines if they are not more than 150 feet from the nearest downstream manhole".

Chapter XI, Part B, Section 9c (i), "Depth. Sewers shall be located to protect them from freezing and frost heave as prudently possible".

B. Briefly state the basis for the deviation.

A cleanout has been located at 220 feet from the nearest downstream manhole. A deviation to the 150 feet requirement is provided since; 1) individual sewer service connections to this campground system serve as cleanouts, and 2) the system is privately owned and maintained.

A deviation for frost protection is granted since the campground is used only during the frost free seasons.

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

N/A

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

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.

GL/bb/42502.ltr

PERMIT TO CONSTRUCT

[x] New

[] Renewal

[] Modified

Permit No. 93-431
*** CONDITIONED ***

Hillside Motel Sewer Extension
(Name of Facility)

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

Market Group Mgt. Inc.

Robert H. Thurston, Pres.

86 Pine Street

Seattle, WA 98101

to install approximately 750 lineal feet of eight (8) inch diameter sewer main extension according to the procedures and conditions of the application No. 93-431. The facility is located in SE1/4NE1/4, Section 32, T41N, R116W, Town of Jackson in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

11-15-93
Date of Issuance

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

GL

STANDARD CONDITIONS 1 through 4

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

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

   a. Date that construction of the facility was completed; and

   b. Date that the facility was placed in operation; and

   c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-431

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

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.

b/35460.ltr

CERTIFICATION OF COMPLETION

In accordance with the condition of "Permit to Construct" No. 93-431, requiring submittal of this Certification of Completion within sixty (60) days of completion of the facility, I hereby certify the following to be an accurate and correct statement of the current status of the project authorized by the above referenced permit:

1. Construction of the permitted facility was completed on 11/17/95 (DATE) and the facility was placed in operation on 11/17/95 (DATE).

2. Construction was completed in accordance with the following: (Check the appropriate option)

   ☒ The facility was constructed in compliance with all terms and conditions of the permit including the design report, plans and specifications, design data or other information submitted in support of the application.

   ☐ The facility was constructed with changes or modifications in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations. As-built plans and specifications, certified by a registered professional engineer (certification by an engineer is not required if the original application was not certified by an engineer) are enclosed.

Robert H. Thurston
Facility Owner (print or type)

Market Group Manager w/ Ch.
Owners Signature President

11/30/95
Date

RECEIVED
DEC 11 1995
WATER QUALITY DIVISION
WYOMING

NELSON ENGINEERING
Engineer (print or type)

Lewis R. Edwards, PE
Engineers Signature

11/22/95
Date

33604.DOC

PERMIT TO CONSTRUCT

[x] New

Permit No. 93-432
*** CONDITIONED ***

[] Renewal

[] Modified

Peterson Septic Tank/Leach Field
(Name of Facility)

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

Robert S. & Amy Peterson

417 4th Ave. North

Greybull, WY 82426

to install a residential septic tank and leach field according to the procedures and conditions of the application No. 93-432. The facility is located in Section 10, T52N, R93W in the County of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

11-15-93
Date of Issuance

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

GL
35565.LTR

STANDARD CONDITIONS 1 through 4

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

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-432

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

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.

THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

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

May 17, 1994

Little Bear Inn
ATTN: Jerry McIntyre
P.O. Box 6421
Cheyenne, Wyoming 82003

RE: **Satisfactory Resolution of LOV dated October 19, 1993.**

Dear Mr. McIntyre:

With the receipt of the "CERTIFICATION OF COMPLETION" for Permit #93-433 and an acceptable installation inspection report from the Cheyenne/Laramie County Health Department - Division of Environmental Health dated November 17, 1993, the steps necessary to resolve the Letter of Violation (LOV) have been satisfactorily completed. Therefore, this letter serves as official notice that this LOV case is hereby closed and requires no further action by the Little Bear Inn. Thank you for your cooperation in resolving this issue.

Sincerely,

Ronald L. Ewald

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

RLE/nc 42111.LTR
cc: SE District Enforcement Files

THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

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

May 6, 1994

JERRY MCINTYRE
P O BOX 6421
CHEYENNE WY 82003

RE: **PERMIT CONDITION COMPLIANCE** - Construction Schedule Card
Facility: LITTLE BEAR INN
Permit Number: 93-433

Dear Facility Owner:

According to our records it has been over 60 days since the above referenced "Permit To Construct" was issued. One of the specified permit requirements was that the applicant/owner notify the appropriate district office of the Water Quality Division (WQD) via the post card attached to the permit, of the estimated dates that construction will begin and end. Please complete the attached post card and return it to the WQD right away. If the project has already been completed, please complete the required "CERTIFICATION OF COMPLETION" form which was included with the permit when issued.

To be in compliance with the permit these requirements must be followed. If you have any questions please call me at 777-7088.

Sincerely,

Gary Steele
SE District Supervisor
Water Quality Division

GS/nc 42004.LTR
Enclosure: Replacement Schedule Card
cc: Permit Compliance Tracking File

PERMIT TO CONSTRUCT

New
Renewal
X Modified

PERMIT NO. 93-433
SPECIAL CONDITIONS
REFERENCE PERMIT 93-280

Little Bear Inn - Commercial Septic System

This permit hereby authorizes the applicant:

Jerry McIntyre
P.O. Box 6421
Cheyenne, Wyoming 82003

to construct, install or modify a commercial septic system according to the procedures and conditions of the application number 93-433 Reference 93-280. The facility is located in SW 1/4 Section 24 T15N R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

11-15-93
Date of Issuance

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

SPECIAL 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 the Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

4 of 7. **Previous Plans 93-280 Void** - The plans approved by this permit hereby officially replace and make void the plans previously approved by permit number 93-280.

5 of 7. The manholes on the septic tanks (one on each compartment) must be extended to the surface because there are no clean-outs included on Rick's Precast Concrete septic tanks as required.

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-433, Reference Permit # 93-280

B. Facility Name: Little Bear Inn - Commercial Septic System

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

A. Chapter XI. Yes Part D - Septic Tanks and Soil Absorption Systems

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.

YES - Policy 9.4 dated October 22, 1993 - Septic Tank Status

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 . Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 15. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NOT Applicable

VI. 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.

RLE/bb/35459.ltr

cc: Laramie County Environmental Health Section

MEMO

To: Permit To Construct File # 93-280

From: Ronald L. Ewald

Date: November 8, 1993

Subject: **Permit # 93-280 VOID**

The Little Bear Inn, after having received approved permit to construct # 93-280 for a commercial septic system, decided that they wanted to change their plans. Subsequently, a revised set of plans was submitted and approved by permit # 93-433.

Therefore, the plans approved by permit # 93-433 officially replace and make void the plans previously approved by permit # 93-280.

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Dilts Septic System

APPLICANT: Fred & Pamela Dilts
213 Horseshoe Creek Road
Glendo, WY 82213

WATER QUALITY REFERENCE NUMBER: 93-434

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **11-04-93**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1 of 2 The permit application form requires the owners signature before a permit can be issued. Enclosed with this review is the permit application form submitted. Please fill out and sign the back of the form.

2 of 2 The loading rate for the site was incorrectly taken off of Table 1 of the information package. A math error was also discovered at the top of sheet 5 of the package. A recompilation of the requirements indicates that 130 feet of trench will be required. The information package is enclosed and shows the corrected numbers in red. Please verify the corrected numbers and resubmit the package with the signed application form as indicated above.

GS/jn - 35047.ltr

Enclosures

RF

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-434
SPECIAL CONDITIONS

Fred and Pamela Dilts Septic System

This permit hereby authorizes the applicant:

Fred and Pamela Dilts
213 Horseshoe Creek Road
Glendo, WY 82213

to construct, install or modify wastewater septic system according to the procedures and conditions of the application number 93-434. The facility is located in SE 1/4 NW 1/4, Section 19, R68W, T29N in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

1-21-94
Date of Issuance

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

SPECIAL CONDITIONS

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

2 of 4 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

GLS/nc 40227.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-434

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

GLS/nc 40227.LTR

PERMIT TO CONSTRUCT
LAND APPLICATION PERMIT

New
Renewal
Modified

PERMIT NO. 93-435

Hornbuckle Road Application

This permit hereby authorizes the applicant:

DNR Oil & Gas Inc.
730 W. 25th Street # 200

Denver, CO 80202

to construct, install or modify contaminated soil according to the procedures and conditions of the application number 93-435. The facility is located in SE 1/4 SE 1/4 Section 5, T37N, R73W in the county of Converse, in the State of Wyoming. This permit shall be effective for a period of 6 months from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

11-23-93
Date of Issuance

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

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: Wyoming DEQ/WQD, 122 W 25th Street Herschler Building, 4 West Cheyenne, WY 82002, telephone number 307/777-7781.

2 of 9. The permittee shall provide immediate oral and/or written notification, in accordance with Section 9 of Chapter III, to the Southeast District office of any changes or modifications to the approved permit package.

3 of 9. The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Southeast District Office on the attached Certification of Completion form.

4 of 9. The permittee shall submit a contour map depicting only those sections of road that actually received reserve pit water within sixty (60) days of the project completion to the Southeast District Office.

5 of 9. The review and approval of this permit is based upon the items identified in the attached Statement of Basis.

6 of 9. The contaminated soil shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.

7 of 9. The application site slope shall not exceed 8 percent for vehicular application.

8 of 9. The soil application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.

9 of 9. Contaminated soil applied to a road will be mechanically incorporated into the road bed as it is applied. The contaminated soil shall not be applied to frozen ground and shall be incorporated into the roadbed as indicated above. The contaminated soil shall not be applied during or just prior to a major storm event.

GLS/mad 35669.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-435

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, 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 the criteria for characterizing the waste, and determine acceptable conditions for the application of the waste to roadbeds to minimize impact to waters of the State.

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

Applicable

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

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

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

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

35669.LTR

RF

PERMIT TO CONSTRUCT

	New	PERMIT NO. 93-436
	Renewal	SPECIAL CONDITIONS
X	Modified	Reference 93-164

Terry Bison Ranch - Recreational Facility Modifications

This permit hereby authorizes the applicant:

Daniel R. Thiel
3030 Frontier
Cheyenne, Wyoming 82001

to construct, install or modify public water supply system facilities and sewage collection and treatment system facilities according to the procedures and conditions of the application number 93-436, Reference 93-164. The facility is located in SW 1/4, Section 16, T12N, R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

12-1-93
Date of Issuance

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

SPECIAL CONDITIONS

1 of 8. **Modification to Permit # 93-164** - This permit is only for those modifications to previous permit # 93-164 submitted with this application and approved by this permit. All previous plans, specifications, and other material approved by permit 93-164 and the conditions set forth in permit 93-164 which are not affected by these modifications remain in full force.

2 of 8. **Plan Drawings Revised** - Because the changes associated with these approved modifications have been incorporated throughout the plan drawings for this project, the plan drawings, and only the plan drawings, approved by permit 93-164 are hereby replaced by the revised set of plan drawings approved by this permit and dated November 29, 1993.

3 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.

4 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.

5 of 8. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

6 of 8. The lower pressure setting on the two new 105 gallon hydroneumatic pressure tanks shall be set no lower than 47.5 psi, the same level as the previously approved plans.

7 of 8. The O&M Manuals for this facility should now also include the operation and maintenance of the Gathering Hall fire sprinkler system.

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

STATEMENT OF BASIS

General information.

A. Permit Number: 93-436, Reference Permit # 93-164

B. Facility Name: Terry Bison Ranch - Recreational Facility Modifications

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

A. Chapter XI. Yes

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

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

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

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

NOT Applicable

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 15. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable

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

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

Applicable - The facility includes a two cell evaporative nondischarging wastewater collection and treatment lagoon system which is to be lined with a synthetic liner placed over a leak detection system.

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

NOT Applicable

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

NOT Applicable

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

NOT Applicable

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

NOT Applicable

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

NOT Applicable

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

Applicable - A leak detection system is to be installed beneath the synthetic lagoon liner. The system will be checked at least twice monthly for fluids which could indicate a leak. If fluid is found it shall be reported immediately to DEQ/WQD. Otherwise, records will be maintained on-site and be available for review by DEQ/WQD.

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.

RLE/bb/35744.LTR

PERMIT TO CONSTRUCT

[X] New
[ ] Renewal
[ ] Modified

PERMIT NO. 93-437
SPECIAL CONDITIONS

MOORCROFT REST AREA SEPTIC SYSTEM

This permit hereby authorizes the applicant:

Wyoming Department of Transportation
P.O. Box 668
Sheridan, WY 82801

to construct, install or modify a septic tank and soil absorption field according to the procedures and conditions of the application number 93-437. The facility is located in the NW/4 of the NE/4 of Section 36 of Township 50 North Range 68 West in the County of Crook, in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-15-94
Date of Issuance

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

SPECIAL CONDITIONS

1 of 5 The permittee will notify the Sheridan 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 permittee will provide immediate oral and/or written notice to the Sheridan District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 5 Within sixty days of completion of construction of the authorized facility, the permittee will submit to the Sheridan District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications, 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 three groundwater monitor wells shall be sampled quarterly by the permittee. During each sampling event of the monitor wells the static water level shall be recorded and the groundwater sampled for nitrates and ammonia. The test methods for nitrates and ammonia shall be EPA Method 353.2 and 350.3, respectively. The test results shall be submitted to the Sheridan District Office within 45 days of the sampling event. The sampling frequency may be reduced after one year if justified.

DRM/mad 43399.LTR
Enclosures: Post Card
Certification of Completion Form
Statement of Basis

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-437

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 (Not Applicable).

B. Briefly state the basis for the deviation.

N/A.

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

N/A.

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

Yes.

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

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

N/A.

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

N/A.

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

N/A.

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

N/A.

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

Discharge may result in groundwater concentrations in excess of groundwater standards, but post discharge water quality can be returned to standards.

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.

Subsurface discharge from the system will receive additional treatment prior to recharge to the Belle Fourche River. There are no users of the affected aquifer or property boundaries down gradient of the system and the point of recharge to the Belle Fourche River.

The system may contribute to ammonia loading of the Belle Fourche River. USGS data indicates that

the water quality exceeds standards without impact from the proposed system. The contribution o the existing system and other sources of the ammonia loading is not known. The proposed system should not pose a threat to water quality and beneficial use of the stream. However, additional analysis of total ammonia loading and sources is necessary.

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

The construction permit provides for three groundwater monitor wells, one upgradient and two downgradient. This monitoring system will show any discharge from the proposed system recharges the Belle Fourche River and provide data on the ammonia loading. In addition, the quality of the Belle Fourche River will be monitored to define ammonia levels. The river monitoring shall be coordinated by the DEQ/WQD.

Documentation of Statement of Basis.

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

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

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 93-438
*** CONDITIONED ***

Home Improvement Center Septic/Leach Field
(Name of Facility)

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

TAD, Inc.

P.O. Box 818

Pinedale, WY 82941

to construct a septic/leach system according to the procedures and conditions of the application No. 93-438. The facility is located in NE/NE Section 5, T33N, R109W in the County of Sublette, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

11/18/93
Date of Issuance

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

KLE

STANDARD CONDITIONS 1 through 4

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

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-438

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. NO

III. Basis for issuing permit.

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

YES

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*[1]

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

b/35586.ltr

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

PERMIT TO CONSTRUCT

[x] New

[] Renewal

[] Modified

Permit No. 93-439
*** CONDITIONED ***

Elk Dance Est. III Water and Sewer Lines
(Name of Facility)

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

Richard Van Gytenbeek

Spring Creek Ranch Co.

P.O. Box 3154

Jackson, WY 83001

to install a waterline relocation and sewer line extensions according to the procedures and conditions of the application No. 93-439. The facility is located in Section 21, NE 1/4, T41N, R116W, in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

11/18/93
Date of Issuance

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

GL

STANDARD CONDITIONS 1 through 4

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

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

   a. Date that construction of the facility was completed; and

   b. Date that the facility was placed in operation; and

   c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-439

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. Yes

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

N/A

VI. Documentation of Statement of Basis.

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

b/35587.ltr

PERMIT TO CONSTRUCT

[X] New

PERMIT NO. 93-440

[ ] Renewal

(SEE SPECIAL PERMIT CONDITIONS)

[ ] Modified

PEOPLES I&S DISTRICT CHLORINATION SYSTEM
(Name of Facility)

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

Peoples Improvement & Service District
2804 Mustang Road
Gillette, Wyoming 82716

to construct, install or modify a chlorination system according to the procedures and conditions of the application No. 93-440. The facility is located in Sections 5 & 8 of Township 49 North Range 72 West in the County of Campbell in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

3/29/94
Date of Issuance

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

SPECIAL PERMIT CONDITIONS

1 of 5. The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division, the day construction commences and give an estimate of completion of the project on the attached post card. The authorized representative in your area can be contacted at the following address: Wyoming DEQ/WQD, Sheridan District Office, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

2 of 5. The permittee shall provide immediate oral and/or written notification, in accordance with Section 9, Chapter III, to the Sheridan District Office of any changes or modifications to the approved permit package.

3 of 5. Within sixty days of completion of the authorized facility, the applicant will submit to Sheridan District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

5 of 5. An O&M manual shall be submitted for DEQ approval prior to startup of the chlorination system.

DRM/pr:03/08/94 /nc 41403.LTR

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-440

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

A. Chapter XI. N/A.

B. Chapter XII. Yes.

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

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

Yes.

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

No.

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

No.

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

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

DRM/pr:03/08/94 /nc 41403.LTR

PERMIT TO CONSTRUCT

[X] New

PERMIT NO. 93-441

[ ] Renewal

[ ] Modified

BERNICE WOOD SEPTIC SYSTEM
(Name of Facility)

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

Bernice Wood
2914 Highway 24
Aladdin, WY 82710

to construct, install or modify a small wastewater treatment facility according to the procedures and conditions of the application No. 93-441. The facility is located in the SE/4 SE/4, Section 14, Township 54 North, Range 63 West, in the County of Crook in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

11-24-93
Date of Issuance

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

SPECIAL PERMIT CONDITIONS

1 of 4. The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division, the day construction commences and give an estimate of completion of the project on the attached post card. The authorized representative in your area can be contacted at the following address: Wyoming DEQ/WQD, Sheridan District Office, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

2 of 4. The permittee shall provide immediate oral and/or written notification, in accordance with Section 9, Chapter III, to the Sheridan District Office of any changes or modifications to the approved permit package.

3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Sheridan District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

DRM/pr:11/23/93

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-441

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

N/A

VII. Documentation of Statement of Basis.

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

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

DRM/pr:11/23/93
b/35708.ltr

PERMIT TO CONSTRUCT

[x] New

[] Renewal

[] Modified

Permit No. 93-442
*** CONDITIONED ***
Ref. 93-347R

Porter Ave. Waterline Modification
(Name of Facility)

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

City of Riverton

Harry LaBonde Jr., P.E., City Engineer

P.O. Box 1700

Riverton, WY 82501

to construct a approximately 370 lineal feet of eight (8) inch diameter waterline according to the procedures and conditions of the application No. 93-442. The facility is located in NW1/4, Section 26, T1N, R4E, Wind River Meridian, City of Riverton, 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 provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

11/18/93
Date of Issuance

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

GL
35628.LTR

STANDARD CONDITIONS 1 through 4

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

2. of 4 — The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-442

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. No

B. Chapter XII. Yes

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

N/A

VI. Documentation of Statement of Basis.

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

PERMIT TO CONSTRUCT

[] New

Permit No. 93-443
*** CONDITIONED ***

[] Renewal

[X] Modified

Bridger Coal Company Diesel Spill Site - Monthly Progress Report
(Name of Facility)

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

Bridger Coal Company
P.O. Box 2068
Rock Springs, WY 82902

to modify an existing Permit to Construct #93-166 to include monthly reporting requirements until full system implementation according to the procedures and conditions of the application No. 93-443. The facility is located in SE 1/4 Sec. 36, T21N, R101W in the County of Sweetwater, in the State of Wyoming. **This provision shall be in effect until the full remedial system has been constructed and made operational as provided for in documents approved under Permit to Construct #93-166 at which time reporting requirements described in Section 8 of the Corrective Action Plan will take effect.**

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

2-15-94
Date of Issuance

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

DG:40702.ltr

CONDITION 1 OF 1

The report shall contain information on the following:

1. Status of the recovery system;
2. Progress made toward implementation of the Corrective Action Plan;
3. Any sampling and analytical data generated during the previous month;
4. As-built construction diagrams of any soil borings or monitor wells installed; and
5. A description of any new developments or work at the site.

PERMIT TO CONSTRUCT

[X] New

Permit No. 93-444R
*** CONDITIONED ***

[ ] Renewal

[ ] Modified

Saddle Butte Waterline Extension
(Name of Facility)

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

Town of Jackson

P.O. Box 1687

Jackson, WY 83001

to construct a waterline extension (approx. 320 lineal feet) according to the procedures and conditions of the application No. 93-444R. The facility is located in Section 28, T41N, R116W, Town of Jackson in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

11-19-93
Date of Issuance

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

GL/nc 35646.LTR

STANDARD CONDITIONS 1 through 4

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

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

GL/nc 35646.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-444R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. No

B. Chapter XII. Yes

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

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.

GL/nc 35646.LTR

PERMIT TO CONSTRUCT

[X] New

Permit No. 93-445
* CONDITIONED *

[ ] Renewal

[ ] Modified

UPRC Patrick Draw Gas Plant Assessment
(Name of Facility)

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

Union Pacific Resources Company

P.O. Box 7, MS 2807

Fort Worth, TX 76101-0007

to install a series of monitoring wells and soil borings for subsurface contamination assessment according to the procedures and conditions of the application No. 93-445. The facility is located in SE 1/4 Sec. 25, T19N, R99W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

12/20/93
Date of Issuance

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

STANDARD AND SPECIFIC CONDITIONS 1 through 8

1. of 8 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 8 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 8 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

4. of 8 Any monitoring wells deemed unusable for purposes of free product recovery or long term groundwater monitoring should be properly plugged and abandoned as soon as practicable.

5. of 8 A sufficient number of soil borings and monitoring wells shall be constructed to fully define both the horizontal and vertical extent of contamination, to include impacted soils, aquifer materials, and groundwater.

6. of 8 As-built drawings shall be submitted delineating all new and existing boring locations, new and existing wells, any plugged and abandoned wells, and any other work performed in conjunction with this Permit.

7. of 8 Work shall be performed under this Permit within the following schedule:

a. Work shall begin within forty-five (45) days of Permit issuance;

b. Assessment work shall be completed within ninety (90) days of initiation;

c. A final report of investigations shall be submitted to DEQ/WQD Lander office within ninety (90) days of completion of field work.

8. of 8 All monitoring wells shall be constructed in compliance with DEQ/WQD Standard Monitor Well/Piezometer Standards (attached to Review document).

DG/nc 36140.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-446
SPECIAL CONDITIONS

Water Main Extension North of Fox Farm Road

This permit hereby authorizes the applicant:

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

to construct, install or modify a water main extension according to the procedures and conditions of the application number 93-446. The facility is located in SW 1/4 Section 05 T13N R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

12/2/93
Date of Issuance

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

SPECIAL CONDITIONS

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

2 of 4. The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

RLE/jn - 35776.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-446

B. Facility Name: Water Main Extension North of Fox Farm Road

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

A. Chapter XI. No

B. Chapter XII. Yes Section 14 - Distribution Systems

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

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

Yes

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

No

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

No

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

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

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

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

NOT Applicable

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 15. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NOT Applicable

VI. 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.

From: PATTI BURNS (PBURNS)
To: rross, blocke
Date: Wednesday, March 22, 1995 3:02 pm
Subject: 3135 – UST fac. #

Thanks for the copy of the letter to Uinta Co regarding the monitor wells. In the future, please reference the Chapter III construction permit number (93-447) as well as the UST fac.id. We are treating the letter as a review sent. Please let me know when you actually withdraw the permit. thanks.

CC: ncoulson, jiverson

93-447

THE STATE OF WYOMING

JIM GERINGER
GOVERNOR

Department of Environmental Quality

250 Lincoln Street ● Lander, Wyoming 82520-2848 ● Fax (307) 332-7726

ABANDONED MINES	AIR QUALITY	LAND QUALITY	SOLID & HAZARDOUS WASTE	WATER QUALITY
(307) 332-5085	(307) 332-6755	(307) 332-3047	(307) 332-6924	(307) 332-3144

March 21, 1995

Mr. Kim West
Uinta County Government
225 9th Street
Evanston, WY 82930

RE: Application For Permit To Construct - **ID No. 3135**

Dear Mr. West:

As per our phone conversation of March 20, 1995, your memo of November 8, 1993, and numerous phone conversations/permit reviews over the past year, I am requesting that you withdraw your Application For "Permit To Construct" for the groundwater monitoring wells you constructed at the Uinta County Road and Bridge Maintenance Shop site in June 1993. These wells were to be used as a secondary method for underground storage tank (UST) leak detection. As your memo states, three of the four wells were not properly installed according to the Department of Environmental Quality (DEQ), Water Quality Rules and Regulations, and one groundwater monitoring well would not suffice as a secondary method of UST leak detection. Therefore, your application does not meet applicable minimum design and construction standards as specified by Wyoming Water Quality Rules and Regulations.

In addition, it should be noted that your memo is incorrect in stating that I recommended that you leave those wells in place, because I not only did not recommend leaving those wells in place, I did not recommend installing them to complete a minimum site assessment (MSA) back in June 1993, during my MSA inspection. It was your driller who recommended installing those wells and not a DEQ employee. In addition, since installing those wells, I have been trying to encourage you to abandon them because they are a possible migration pathway directly to groundwater. During our numerous discussions, you have expressed a concern for allocating funds to properly abandon these wells, since Uinta County funds were already allocated to install monitoring wells that were not recommended by DEQ, or necessary for UST leak detection. The cost of abandoning these wells would be minimal compared to that of contaminating groundwater.

After a lengthy review, numerous phone conversations with yourself and DEQ staff, and numerous DEQ inter-program discussions, the DEQ UST Program cannot permit wells for leak detection that do not meet the Water Quality Rules and Regulations. Therefore, the wells should be abandoned as per the Water Quality Rules and Regulations, Chapter XI, Part G, Section 70, and all city, county and/or highway department requirements. No monitoring well shall be abandoned without prior approval from the Water Quality Division. Your cooperation in properly abandoning these wells would be greatly appreciated.

In addition, as I stated in our phone conversation of March 20, 1995, the sample results I collected and had analyzed for your MSA did not show hydrocarbon contamination. Correspondence for such and a copy of the analytical results will be submitted to you in the near future.

Sincerely,

Robin Joyce Ross, EIT
Senior Environmental Analyst

RR/rjr

cc.: IPS, Cheyenne DEQ/WQD
WQD File - UST, Uinta, Evanston, Uinta County Government, **ID#3135**

PERMIT TO CONSTRUCT

[X] New

Permit No. 93-448R
*** CONDITIONED ***

[] Renewal

[] Modified

Rock Springs Pipeline - Phase X Mansface Reservoir
(Name of Facility)

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

Joint Powers Water Board

165 Railroad Ave Suite C

Green River, WY 82935

to construct two 1.5 MG storage reservoirs, pump station and transmission pipelines according to the procedures and conditions of the application No. 93-448R. The facility is located in Sections 21, 22, 27, and 28, T18N, R107W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

3-28-94
Date of Issuance

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

KLE/40880.ltr

STANDARD CONDITIONS

1. of 6 — The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 6 — The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

4. of 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5. of 6 This permit does not include the installation of the P-11 and P-12 pumps.

6. of 6 As stated in the DEQ Rules and Regulation, Chapter XII, Section 16(a), an O&M manual will be required for the booster pump station.

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-448R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. NO

B. Chapter XII. YES

III. Basis for issuing permit.

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

YES

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*[1]

N/A

VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected.

N/A

VII. Documentation of Statement of Basis.

A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

[1] Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

PERMIT TO CONSTRUCT

[X] New

Permit No. 93-449R
*** CONDITIONED ***

[] Renewal

[] Modified

Conoco Bitter Creek Air Sparge Pilot Test
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Conoco, Inc.

P.O. Box 4784

Houston, TX 77210-4784

to construct a pilot scale air sparging system for groundwater remediation according to the procedures and conditions of the application No. 93-449R. The facility is located seven miles west of Rock Springs along Bitter Creek in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities

allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

12-1-93
Date of Issuance

This permit does not supersede the requirements for obtaining any permit from local agencies.

DG

CONDITIONS 1 through 6

1. of 6 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 6 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 6 Any stockpiling or on-site treatment of soil must be authorized by the DEQ/Solid and Hazardous Waste Division prior to initiation. Please contact Amy Boyle, DEQ/SHWD, in the Lander office at (307) 332-6924.

4. of 6 Static water level measurements will be taken in **all** points utilized to monitor the effects of the sparge system (piezometers and wells) at the same frequency as water quality measurements.

5. of 6 A follow-up round of sampling of soil vapor and groundwater will be required at all pilot sparge system monitoring points approximately 30 days after completion of the two week test. Groundwater and soil vapor will be sampled for the same parameters analyzed for during the test, and in accordance with procedures described in the workplan and requirements described above.

6. of 6 Reporting requirements will be as follows:

Within forty five (45) days of completion of the follow-up sampling round described above a report shall be submitted to DEQ/WQD for review. At a minimum, the report shall include:

1) a description of tests performed, analytical methods employed (relative to interpretation of sparge test data), results (removal efficiencies, amount of contaminants removed, etc.), and any problems encountered in the course of the test;

2) as-built construction diagrams for the trench and monitoring points (including boring/excavation logs);

3) raw and reduced data in tabular and graphical formats (trend plots);

4) maps showing area of influence, groundwater gradient, plume definition and isoconcentration contours, locations of all monitoring points, etc.;

5) conclusions, including applicability of this remedial method to this site;

6) proposal and tentative timetable for full-scale implementation of remediation.

b/35740.LTR

R7

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-450

Jackson Hole Ski - Vapor Extraction System

This permit hereby authorizes the applicant:

Jackson Hole Ski Corporation
P.O. Box 290

Teton Village, Wyoming 83025

to construct, install or modify Vapor Extraction System according to the procedures and conditions of the application number 93-450. The facility is located in Section 24, SW1/4 NE1/4, T42N, R117W in the county of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Program Supervisor, UIC Section, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities; liabilities or penalties established pursuant to any applicable state law or regulation.

The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

11/18/93
Date of Issuance

This permit does not supersede the requirements for obtaining any permit from local agencies.

CONDITIONS FOR PERMIT 93-450

1 of 4. Jackson Hole Ski Corporation shall provide a copy of the Air Quality Division's approval to operate to the Water Quality Division within 30 days of receiving such approval.

2 of 4. Jackson Hole Ski Corporation shall operate this system continuously until achieving a 90% reduction in contaminants and then in a pulsed mode as stated in the application. Jackson Hole Ski Corporation shall obtain Water Quality Division approval prior to final shutdown of the system.

3 of 4. This system shall be maintained in an operable condition after shutdown until a minimum of 2 additional quarters have elapsed. If technical grounds are found, the system shall be restarted.

4 of 4. Jackson Hole Ski Corporation may add additional vapor extraction wells to this system and expand the manifold system if necessary by submitting a revised plan drawing showing the additional facilities. No additional permit will be required.

RFL/mad 35605.LTR