PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-301R
*** CONDITIONED ***

Wilde Meat Processing
(Name of Facility)

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

Larry and Leesa Wilde

Box 7056

Jackson, WY 83001

to construct a small wastewater disposal system serving a 3 bedroom residence and a meat processing plant (for meat cutting only, not for slaughtering) according to the procedures and conditions of the application No. 94-301R. The facility is located in SE 1/4 NW 1/4 S3 T36N R119W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

7-19-94
Date of Issuance

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

RRT - 42917.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: 94-301R

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.

B. Briefly state the basis for the deviation.

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

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.

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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. 94-302R
*** CONDITIONED ***

Lower Valley Power & Light Mud Pit
(Name of Facility)

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

Lower Valley Power & Light

Richard Knori, Dist. Engineer

P.O. Box 188

Afton, WY 83110

to construct a temporary double lined drilling mud (bentonite) pit for utility installation under the Snake river according to the procedures and conditions of the application No. 94-302R. The facility is located in NE 1/4, Section 20, T42N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of one (1) 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

8-5-94
Date of Issuance

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

GL/bb/43221.ltr

PERMIT CONDITIONS 1 through 7

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

5. of 7 Every reasonable precaution shall be taken to prevent spills during the introduction and removal of materials to and from the pit. A spill prevention and cleanup plan shall be prepared, read and understood by each of the operating personnel. In the event of a spill, the source of the leak shall be determined immediately and terminated. Cleanup and reporting of the spill shall begin soon as practicably possible.

6. of 7 Upon completion of the drilling operation, all fluids shall be completely removed from the pit and disposed of properly. The liner, all associated equipment, materials and garbage shall be completely removed and disposed of properly. The pit shall be restored to its original condition.

7. of 7 In the event of a conflict between the conditions of this permit and other permits, the conflict shall be resolved between the affected agencies before the beginning of operations.

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-302R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

Applicable

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

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

Mud pit will be double lined with a synthetic material and will be operated for a short period of time with pit contents removed.

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.

GL/bb/43221.ltr

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 12, 1994

City of Laramie
ATTN: Wes Bresler
P.O. Box C
Laramie, WY 82070

RE: **As-Built Approval #94-303**: Bore holes to monitor water levels at Laramie's proposed sludge application site.

Dear Mr. Bresler:

This letter is As-Built Approval #94-303 for the bore holes installed at Laramie's proposed sludge application site. After reviewing the post construction information supplied by AVI for the bore holes, as-built approval #94-303 is being issued on the basis that these bore holes meet the DEQ Water Quality Division Chapter XI construction standards. Since a "Permit To Construct" cannot be issued for facilities which have already been constructed, this letter will serve as your final as-built approval document. However, this approval is contingent upon compliance with the following conditions:

1 of 11. Within sixty days of receipt of this letter, 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.

2 of 11. The bore hole construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. The casings shall meet the conditions provided in Chapter XI, Section 67. All bore holes must be constructed from materials free of material having the potential to contaminate groundwater samples.

3 of 11. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those bore holes prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.

4 of 11. After the bore holes 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 bore hole shall be abandoned without prior approval from the Water Quality Division.

5 of 11. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the bore holes shall be reported immediately to the Division. The bore holes shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.

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

7 of 11. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD.

8 of 11. The test results of all bore holes associated with this facility which are sampled and the groundwater analyzed shall be submitted to the WQD:

a. The results of these analyses shall be submitted to the Cheyenne office as soon as they are available.

9 of 11. Water which is collected during monitoring 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.

10 of 11. The results of any analyses conducted on soil or water removed from these boreholes shall be provided to the department as soon as they are available.

11 of 11. The review and approval of this as-built approval is based upon the items identified in the attached "Statement of Basis".

Sincerely,

William L. Garland
Administrator, Water Quality Division

WLG/GS/nc 42892.LTR

STATEMENT OF BASIS

I. General information.

A. As-Built Approval # 94-303

B. Facility Name: Proposed Laramie Sludge Application Site

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

A. Chapter XI. Yes Part G - Well Construction Standards

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 - Based on post construction reports, as-built approval.

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

Yes

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

No

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

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

Section 65(a) of Chapter XI: Minimum depths of annular seal below ground surface for various uses of wells .

Section 65(b) of Chapter XI: Sealing conditions.

B. Briefly state the basis for the deviation.

The bore holes were constructed to a maximum depth of 4 feet and therefore cannot meet the requirements of Sections 65(a) and 65(b).

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.

GS/nc 42892.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 94-304
SPECIAL CONDITIONS

Ken - Mac Electric Co. Septic System

This permit hereby authorizes the applicant:

Ken - Mac Electric Inc.
1011 E. Lincolnway
Cheyenne, WY 82001

to construct, install or modify commercial septic system according to the procedures and conditions of the application number 94-304. The facility is located in NW 1/4 NW 1/4 Section 25, T14N, R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

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

7-19-94
Date of Issuance

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

SPECIAL CONDITIONS

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

2 of 6 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

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

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

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

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

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

5 of 6 The permittee shall notify the Laramie County Environmental Health Division at least (2) days prior to installation of this system to arrange for required inspections. Inspection of the installed system is required prior to backfilling. Laramie County Environmental Health charges a fee for these inspection services. Their offices are located at 100 Central Ave, Cheyenne, Wyoming 82007; or they can be reached by phone at (307) 633-4090

6 of 6 The intent of the construction authorized by this permit is to provide facilities for the interim treatment of wastewater until such time that treatment is available through a regional wastewater system. The 201 Facilities Plan Final Report: City of Cheyenne, South Cheyenne Water and Sewer District and Laramie County requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Facility Plan.

GLS/jn - 42902.ltr

cc: Laramie County Health

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-304

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.

33954.DOC

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: **Ken-Mac Electric Co. Septic System**

ENGINEER: **Stephen R. Elliott**
S.R.E. & Assoc.
507 West 29th Street
Cheyenne, WY 82001

APPLICANT: **Ken-Mac Electric Inc.**
1011 E. Lincolnway
Cheyenne, WY 82001

WATER QUALITY REFERENCE NUMBER: 94-304

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **July 5, 1994**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1. Water Quality Rules and Regulations Chapter XI requires that a minimum separation from the bottom of the leach field to an unconfined layer or groundwater shall be 4 feet. The plans submitted do not indicate the depth to bedrock or groundwater. Please submit information showing the minimum of 4 feet of separation has been met.

2. This facility is being constructed within the 201 Facility boundary. The permit for this facility will be issued through the Laramie County exception process and a permit condition will indicate that the existing sewer system will be abandoned and the facility will be hooked up to a central sewer system when it becomes available.

GLS/bb/42784.ltr

PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 94-305R
*** CONDITIONED ***

Winter Camp Ranch
(Name of Facility)

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

Allen Wonch

Box 82

Dixon, WY 82323

to construct a small wastewater system according to the procedures and conditions of the application No. 94-305R. The facility is located in NW 1/4 S6, T12N, R90W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

The issuance of this permit 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

7-11-94
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

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

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

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

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

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

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

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

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

RRT/nc 42794.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-305R

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.

B. Briefly state the basis for the deviation.

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

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.

RRT/nc 42794.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. 94-306
*** CONDITIONED ***

Cody - Pleasant View Water & Sewer
(Name of Facility)

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

Michael L. Kenney

2202 Willow Lane

Cody, WY 82414

to install approximately 1055 lineal feet of eight (8) and ten (10) inch diameter Ductile Iron water line, and approximately 550 lineal feet of eight (8) inch diameter PVC sewer line according to the procedures and conditions of the application No. 94-306. The facility is located in SW1/4, NW1/4, Tract 39, T53N, R101W, City of Cody in the County of Park, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

7-19-94
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

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

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

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

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

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

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

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

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

GL/nc 42891.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-306

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.

GL/nc 42891.LTR

PERMIT TO CONSTRUCT

[x] New

[] Renewal

[] Modified

Permit No. 94-307
*** CONDITIONED ***

Flitner Cottage #1 Septic Tank/Leach Field
(Name of Facility)

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

David Flitner

3208 Beaver Creek Road

Shell Route

Greybull, WY 82426

to install a 1000 gallon septic tank and leach field according to the procedures and conditions of the application No. 94-307. The facility is located in SW1/4, Section 5, T52N, R89W 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

7-19-94
Date of Issuance

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

GL - 42903.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: 94-307

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.

PERMIT TO CONSTRUCT

[x] New

[] Renewal

[] Modified

Permit No. 94-308
*** CONDITIONED ***

Flitner Cottage #2 Septic Tank/Leach Field
(Name of Facility)

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

David Flitner

3208 Beaver Creek Road

Shell Route

Greybull, WY 82426

to install a 1000 gallon septic tank and leach field according to the procedures and conditions of the application No. 94-308. The facility is located in SW1/4, Section 5, T52N, R89W 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

7-19-94
Date of Issuance

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

GL - 42904.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: 94-308

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.

PERMIT TO CONSTRUCT

[x] New

[] Renewal

[] Modified

Permit No. 94-309
*** CONDITIONED ***

Flitner Cottage #3 Septic Tank/Leach Field
(Name of Facility)

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

David Flitner

3208 Beaver Creek Road

Shell Route

Greybull, WY 82426

to install a 1000 gallon septic tank and leach field according to the procedures and conditions of the application No. 94-309. The facility is located in SW1/4, Section 5, T52N, R89W 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

7-19-94
Date of Issuance

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

GL - 42905.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: 94-309

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.

PERMIT TO CONSTRUCT

[x] New

[] Renewal

[] Modified

Permit No. 94-310
*** CONDITIONED ***

Flitner Cottage #4 Septic Tank/Leach Field
(Name of Facility)

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

David Flitner

3208 Beaver Creek Road

Shell Route

Greybull, WY 82426

to install a 1000 gallon septic tank and leach field according to the procedures and conditions of the application No. 94-310. The facility is located in SW1/4, Section 5, T52N, R89W 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

7-19-94
Date of Issuance

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

GL - 42906.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: 94-310

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.

PERMIT TO CONSTRUCT

[x] New

[] Renewal

[] Modified

Permit No. 94-311
*** CONDITIONED ***

Crandall Septic Tank/Leach Field
(Name of Facility)

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

Jimmy Dee Crandall

180 Hwy 20 South

Thermopolis, WY 82443

to install a 1000 gallon septic tank and leach field according to the procedures and conditions of the application No. 94-311. The facility is located in NE1/4, NE1/4, Section 22, T42N, R95W in the County of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

The issuance of this permit 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

7-19-94
Date of Issuance

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

GL/mad 42937.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: 94-311

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.

PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 94-312
* CONDITIONED *

Halliburton Services Borings/Monitoring Ports
(Name of Facility)

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

Halliburton Energy Services

P.O. Drawer 1431

Duncan, OK 73536

to install a series of borings/temporary monitor wells for site assessment according to the procedures and conditions of the application No. 94-312. The facility is located in SE¼ SE¼ Section 22, T1N, R4E Wind River Meridian in the County of Fremont, in the State of Wyoming. This permit shall be effective for a period of one (1) 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

7-11-94
Date of Issuance

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

JH/jyi
b/42859.ltr

<u>Standard Monitoring Well/Piezometer Conditions 1 to 14</u>

1. of 14 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 14 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 14 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 14 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5 of 14. 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.

6 of 14. All downhole equipment shall be de-contaminated between monitoring wells (borings) to minimize the potential for cross-contamination.

7 of 14. 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 14. 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 14. The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of monitoring wells/piezometers shall be installed to define the nature and extent of the contamination.

10 of 14. 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;

11 of 14. Within ninety (60) days of the sampling, a report of investigation shall be submitted to DEQ/WQD, Lander. This report shall contain at a minimum:

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

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

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

d. Depth to water and product thickness measurements;

e. Sample collection procedures;

f. Sampling analytical results;

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

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

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

12 of 14. Proper monitoring well/piezometer 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.

13 of 14. 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.

14 of 14. All bore holes/temporary monitor wells are to remain opened only long enough to measure stabilized groundwater elevations and to collect samples. In no case shall this time period exceed 48 hours.

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-312

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. NO

III. Basis for issuing permit.

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

YES

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

NOT

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/42859.ltr

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 94-313R
SPECIAL CONDITIONS

Groundwater Interceptor System No. 4 Extension

This permit hereby authorizes the applicant:

Rhone-Poulenc of Wyoming, L.P.
P.O. Box 513

Green River, WY 82935

to construct, install or modify groundwater interceptor system according to the procedures and conditions of the application number 94-313R. The facility is located in Sections 23, 24, and 13, T20N, R109W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of five (5) years from the date of issuance of this permit.

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

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or 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: Southwest District Supervisor, GPC Program, Lander, WY, 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

10-6-94
Date of Issuance

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

SPECIAL CONDITIONS

1 of 12 The groundwater monitoring wells/piezometers shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 94-313. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).

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

3 of 12 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells/piezometers prevented by physical limitations to adherence to the requirements on minimum depths of seal

below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.

4 of 12 After the monitoring wells/piezometers have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. No monitoring well/piezometer shall be abandoned without prior approval from the Water Quality Division.

5 of 12 Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells/piezometers shall be reported immediately to the Division. The wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.

6 of 12 The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).

7 of 12 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. 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;

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

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

d. A minimum two (2) foot thickness of bentonite or cement grout is required in the annular space to serve as an annular seal. After bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal;

d. The annular space above the bentonite or cement grout 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 well/piezometer;

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

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

8 of 12 DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells/piezometers and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.

9 of 12 Proper monitoring well/piezometer evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well/piezometer dry once, whichever occurs first. Sample collection, preservation , transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.

10 of 12 The Groundwater Interceptor System No. 4 shall be operated continuously, except during routine maintenance. If the system is turned off for more than 24 hours for reasons other than for routine maintenance, WDEQ/WQD, Lander, shall be notified within one week and the problem shall be documented.

11 of 12 Rhone Poulenc shall operate and control the interceptor system to prevent the groundwater contamination from migrating downgradient of the hydraulic barriers and to the Green River.

12 of 12 A quarterly system report shall be submitted to the Lander DEQ/WQD Office for the first year of operation. Following completion of the full scale system, operations reports may be included in the mine's annual report to the DEQ/Land Quality Division. The Quarterly reports shall contain, at a minimum, the following:

a. Pumping rates and volumes for all pumping wells, presented in tabular and graphical format (time versus rate, time versus cumulative amount);

b. Analytical results of the groundwater samples taken from the pumping wells and monitoring wells in the system;

c. A site map with static water level contours which clearly indicate the amount of drawdown for each of the pumping wells; and

d. System operational history, especially any down time experienced. Please detail duration, measures taken to restore system operation, and time needed to return to full operational levels.

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-314R
*** CONDITIONED ***

Metcalf Elementary On-Site Wastewater Facility
(Name of Facility)

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

Lincoln County School District #2
P.O. Box 219
Afton, WY 83110

to construct a replacement leachfield according to the procedures and conditions of the application No. 94-314R. The facility is located in SW¼, SECTION 11, T35N, R119W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

The issuance of this permit 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

7-25-94
Date of Issuance

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

rrt/bb/43080.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: 94-314R

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.

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

B. Briefly state the basis for the deviation.

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

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

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.

RRT/bb/43080.ltr

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-315R
* CONDITIONED *

Worland Compressor Station, Wastewater Pond No. 1
(Name of Facility)

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

Williston Basin Interstate Pipeline Company

P. O. Box 131

Glendive, MT 59330

to install a dual synthetic liner with leak detection system in an existing non-discharging wastewater pond according to the procedures and conditions of the application No. 94-315R. The facility is located in SW 1/4 Sec. 16, T48N, R92W in the County of Washakie, 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 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

9/6/94
Date of Issuance

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

JH/jm
b/43924.ltr

STANDARD CONDITIONS 1 through 5

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

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

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

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

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

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

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

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

5. of 5 The leak detection system must be monitored on at least a monthly basis. The operator will maintain a record of inspections at the site and be available for Department of Environmental Quality/Water Quality Division personnel review during normal business hours. Any leak detected must be reported to the Water Quality Division immediately upon discovery, the wastewater removed from the lagoon, and the liner repaired if the lagoon is to be returned to service.

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-315R

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.

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 30(c)(vii) - Freeboard of two feet required. One foot of freeboard is approved for this permit.

B. Briefly state the basis for the deviation.

1) This is an existing lagoon with only 1 foot of freeboard.
2) There is a history of operation with 1 foot of freeboard without problems.
3) Erosion of dikes is not a problem in lagoons with synthetic liners. Furthermore, this is a very small lagoon so their is little wave action.
4) Deeper excavation of the lagoon would put the bottom at high groundwater elevation.

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

N/A

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

Applicable

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:

No discharge to groundwater - Double liner with leak detection system.

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

N/A

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

Soils are tight clay and shown to protect groundwater thus acting as a backup to synthetic liner.

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.

PVC collection pipe between liners connected to observation pipe. Failure of interior liner is considered the detection of any fluid in the observation pipe. Action must be taken immediately in accordance with Permit Condition 5 of 5.

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/43924.ltr

PERMIT TO CONSTRUCT

[x] New

Permit No. 94-316R
REF: 94-254
*** CONDITIONED ***

[] Renewal

[] Modified

Jackson - S. Park Loop Rd. Sewer
(Name of Facility)

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

Meridian Group, Inc.

Mike Halpin, VP

P.O. Box 291

Jackson, WY 83001

to install approximately 1230 lineal feet of fifteen (15) inch diameter sewer line according to the procedures and conditions of the application No. 94-316R. The facility is located in 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

7-28-94
Date of Issuance

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

GL/mad 43151.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: 94-316R

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.

THE STATE OF WYOMING

JIM GERINGER
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

May 29, 1997

Mr. John Weisiger
Provident Life & Accident Insurance Company
c/o Trammell Crow Company
7535 East Hampden Avenue, Suite 650
Denver, CO 80231-4845

Re: Gateway Plaza Shopping Center, Laramie, WY
"Status Report"(March 14, 1997), and "Transmittal of Volatile Organics Analysis Data - Groundwater Samples (May 13, 1997).

Dear Mr. Weisiger:

I am writing this review in response to reviewing the referenced correspondence and phone conversations with Mike Schneider of CTL/Thompson, Inc. and other parties representing the present property owner and potential buyer. A natural attenuation analysis was performed with the 'Bioscreen, Natural Attenuation Decision Support System' model. 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

Phillip Stump, P.E.
Program Principal
Water Quality Division

PBS/bb/71846.ltr

enclosure: GPC Program Review Form

cc: Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne
Mike Schneider, CTL/Thompson, Denver, CO

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: Gateway Plaza Shopping Center
Laramie, WY

APPLICANT: John Weisiger
Provident Life & Accident Insurance Company
c/o Trammell Crow Company
7535 East Hampden Avenue, Suite 650
Denver, CO 80231-4845

APPLICANT'S CONSULTANT: Mike Schneider
CTL/Thompson, Inc.
1971 W. 12th Ave.
Denver, CO 80204
(303) 825-1426

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: **94-317R**

TITLE: Response to Status Report, Gateway Plaza Shopping Center, Laramie, WY
Transmittal of Volatile Organics Analysis Data - Groundwater Sampler

__ **PROPOSAL** __ **PLANS** ♦ **REPORTS**

DATE ON PROPOSAL/PLANS/LETTERS: March 14, 1997, May 13, 1997.

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

'CONDITIONS' TO ANY WDEQ/WQD PERMIT? NO ♦ YES_

AN LOV, NOV OR OTHER ENFORCEMENT? NO_ YES ♦ LOV (Dec. 2, 1993)

REVIEWER: Phillip Stump, Program Principal

DATE OF LAST REVIEW: September 18, 1995

DATE OF THIS REVIEW: June 3, 1997

I. SUMMARY OF EXISTING CONTAMINATION:

Refer to previous reports, "Phase II Environmental Site Assessment," CTL/Thompson, Oct. 18, 1993 and "Supplemental Phase II Investigation," CTL/Thompson, February 2, 1995.

II. CONCLUSION OF ADEQUACY OF WORK COMPLETED TO DATE AND REQUESTS/ REQUIREMENTS/RECOMMENDATIONS:

Phase 1, Phase II, and Supplemental Phase II Environmental Site Assessments have been completed on the Gateway Plaza Shopping Center. Phase II site investigations were performed to identify and define the extent of soil and groundwater contamination in three separate areas. The areas were chosen due to the presence of contaminant sources of past operations. Evidence of historical landfill areas were also identified during the soil investigation activities. The Supplemental Phase II Environmental Site Assessment further delineated the extent of contamination in the North End of the Former Bulk Oil and Transfer Area.

1 Former Auto Salvage Yard:
With the exception of one oil & grease soil sampling result of 1000 mg/kg, the soil sampling detected total extractable petroleum hydrocarbons (TEPH-diesel) less than about 150 mg/kg.

2 Former Bulk Oil and Transfer - South End:
One soil sample detected TEPH-diesel of 130 mg/kg. A fate and transport analysis according to Wyoming Water Quality Rules and Regulation's Chapter XVII was performed for existing site conditions. Based upon biodegradation potential, soil contamination (TEPH = 564 mg/kg) could be left in place. The amount of soil contamination that could be left in place due to leaching potential (i.e., predicted acceptable "first flush") was 141 mg/kg. Since the area is covered by a paved parking lot, the amount of precipitation infiltrating into ground would be significantly less.

3 Former Bulk Oil and Transfer - North End:

3.1 During the Phase II Environmental Site Assessment, (CTL/Thompson, Oct. 18, 1993), the analytical results of the TCLP metal testing indicated concentrations significantly less that hazardous levels, but the soil TCLP tests were limited in extent and may not have been taken at the most impacted areas of soils contamination.

The total and dissolved sampling analysis for RCRA metals on January '97 did not detect any metals that exceeded the Class I groundwater standards. The metal concentrations measured at the Gateway Plaza Shopping Center and during the WDEQ AUST/LAUST Laramie Third St. Project sampling are provided in Table I.

3.1.1 Monitoring wells MW-1, MW-2B and MW-10 did have previous detections of arsenic, cadmium, lead, mercury, and chromium that exceeded Class I standards, but these sampling results were nondetect or less than Class I standards during the most recent 1997 total and dissolved metals sampling analysis.

3.1.2 Dissolved concentrations of cadmium were detected in a monitoring well (011-MW-11) during the WDEQ/WQD AUST/LAUST Program's investigations on the

Laramie Third Street Project. Dissolved concentrations of lead were detected in a monitoring well (012-31A) during the same Project. Since both of these detections were outside any UST-related contamination, the metal sampling results are likely to be background concentrations from ambient soil conditions.

3.1.3 Although previous arsenic concentrations in MW-1 and MW-2B exceed the Class I standard, the 1997 sampling results were nondetect. Dissolved concentrations of arsenic have been detected in monitoring well MW-11 at the Gateway Plaza Shopping Center. Since this well is upgradient from the area of known soil contamination, the arsenic concentration detected in this well and the other wells in the area may likely be a background concentration caused by ambient soil conditions.

3.2 *Due to the presence of background concentrations of metals and because of the 1997 sampling results, WDEQ/WQD is no longer requiring metal sampling at the Gateway Plaza. The former operations at the property do not appear to have caused groundwater metal contamination above Class I groundwater standards.*

Table I: Laboratory Analysis Results - Metals Data in Groundwater
Gateway Plaza & WDEQ AUST/LAUST Laramie Third St. Project

Sample Location	Date	Arsenic	Cadmium	Lead
MW-1	7/93 T	**0.12**	ND	ND
	3/95 D	ND	**0.013**	ND
	1/97 D	ND	ND	ND
	1/97 T	ND	0.0043	ND
MW-2B	3/95 D	**0.086**	ND	**0.076**
	1/97 D	ND	ND	ND
	1/97 T	ND	ND	ND
MW-10	3/95 D	ND	**0.015**	ND
	1/97 D	ND	ND	ND
	1/97 T	ND	ND	ND
MW-11	12/94 T	ND	ND	ND
	3/95 D	0.027	ND	ND
011-MW-11	4/94 D	NS	**0.011**	ND
012-31A	6/93 D	NS	ND	0.01
Wyoming's Class I Groundwater Standards		**0.05**	**0.01**	**0.05**

Notes: T -Total Metals Analyses D -Dissolved Metals
ND - Nondetect NS -Not Sampled
Bolded concentrations are above Class I Groundwater Standards.

3.3 The pesticide endrin ketone (22 ug/kg) that was detected in the soils appears to be a highly degradable pesticide (i.e., from fate and transport calculations) and; therefore, its threat to cause groundwater contamination is not likely.

3.4 During the soil boring sampling activities, soil borings MW-2, MW-2F, TH-6, and TH-9 detected BTEX soil contamination in the form of toluene, ethyl benzene, and xylenes. The groundwater sampling in monitoring wells (MW-1 and MW-10) which lie downgradient of the soil contamination (borings MW-2 and MW-2F) have detected dissolved BTEX contamination. The benzene levels in MW-1 appear to fluctuate significantly on a seasonal basis.

4.0 Dry Cleaners

4.1 Upon request of the potential purchaser of the subject property, groundwater samples were analyzed for tetrachloroethene (PCE). The sampling was performed to evaluate whether the dry cleaner (Rex Cleaners) operating within the Gateway Plaza had contaminated the groundwater. It is not known how long the dry cleaners has operated at the subject property.

4.2 The sampling data detected dissolved PCE and other chlorinated hydrocarbons (cis -1,2 DCE and trichloroethene) in the groundwater. The PCE contamination varied from 25 to 44 ppb. The dissolved contamination which exceeds Wyoming's Class I Standard was present across the property. The monitoring wells installed near the Rex Cleaners did not detect higher concentrations. Monitoring well MW-3F2 which lies on the upgradient side of the property (i.e., based upon a northwesterly groundwater flow direction) detected PCE at 44 ppb.. The other detectable chlorinated hydrocarbons are probably the biodegredation breakdown by-products from the PCE.

4.3 Dissolved PCE contamination was also detected during the Remedial Action Plan, Laramie Third Street Subsurface Remediation Project, May 16, 1995, that TriHydro Corporation, performed for the WDEQ/WQD AUST/LAUST Program. The dissolved contamination lies to the north and south of the Gateway Plaza in the LAR-10 and LAR-8 investigation areas.

4.4 *Based upon the presence of PCE in the upgradient monitoring well and the adjacent properties, the PCE contamination does not appear to be from a source at the Gateway Plaza property; therefore, WDEQ is not requiring further investigation or sampling of the chlorinated solvent contamination. WDEQ does request that the monitoring wells are maintained and protected to enable sampling by future interested parties. During future discussions with the property owner's consultant, WDEQ will determine which monitoring wells will remain open and a reasonable time frame for maintaining access to future interested parties.*

III. REQUESTS/REQUIREMENTS/RECOMMENDATIONS:

1 The site assessment results (i.e., WQD's Chapter XVII fate and transport analysis) in the Former Auto Salvage Yard and the Former Bulk and Transfer - South End facilities appear to have shown that soil contamination which exceeds Wyoming's Standards will not threaten potential receptors.

2 Since the groundwater and soil contamination sampling results in the Former Bulk and Transfer - North End could potentially threaten human health and the environment, additional analysis was required to evaluate the groundwater contamination pathway to downgradient receptors. A natural attenuation analysis was performed on the contamination at the North End of the Former Bulk Oil and Transfer area. The input analytical parameters are tabulated in Table II.

Table II. Gateway Plaza- Natural Attenuation Input Parameters
BIOSCREEN Model

Parameter	Value	Referenced Data Source
Hydraulic Conductivity, K	6.0E-06 cm/sec (Pump tests performed in Area Lar-10)	Remedial Action Plan, Laramie Third Street Subsurface Remediation Project, May 16, 1995, TriHydro Corporation, for WDEQ/WQD AUST/LAUST Program
Hydraulic Gradient, I	0.00159	CTL/Thompson, February 2, 1995 Supplemental Report, Figure 1.
Porosity, n	0.05	Conservative estimate for effective porosity of clay
Dispersion Estimated Plume Length Longitudinal Dispersivity Transverse Dispersivity	 100 ft. 7.1 ft. 0.7 ft. (0.10 alpha X)	 Estimated from field data Xu/Eckstein relationship (Gelhar et al., '92)

Table II. Gateway Plaza- Natural Attenuation Input Parameters BIOSCREEN Model		
Adsorption Retardation Factor Soil Bulk Density Partition Coefficient Fraction Organic Carbon	1.2 1.7 kg/l 65 L/kg 1.0E-04	Calculated Literature Value Literature Value (benzene) Conservative Estimate (>0.1% WQD Chapt. XVII Regulations)
Biodegradation		
1st Order Decay: Solute Half-Life	1.50 years	Literature Value (benzene)
Instantaneous Reaction Model:		
Delta Dissolved Oxygen (electron acceptor)	0.45 mg/l	Based on Jan '97 Groundwater Sampling Results
Delta Dissolved Nitrate (electron acceptor)	3.6 mg/l	" "
Observed Ferrous Iron (metabolic by-product)	0.60 mg/l	" "
Delta Sulfate (electron acceptor)	0.0 mg/l	" "
Modeled Area Length & Width	200 ft., 75 ft.	Based on estimated affected plume area
Simulation Time	20 years	Approximate Steady-State Conditions(groundwater flow, contaminant concentrations)
Initial Source Concentration	0.300 mg/l	Estimated from Field Data
Field Data (20 ft. from source)	MW-1: 0.160 mg/l (1/97) MW-10: 0.0014 mg/l (3/95)	Jan '97 Groundwater Sampling Dissolved Benzene

2.1 The natural attenuation model, 'Bioscreen, Natural Attenuation Decision Support System', Version 1.3, was utilized for the analysis. As identified from Table II, the input parameters were estimated or determined from the referenced data source. The plot of the dissolved hydrocarbon contamination along the plume centerline illustrates a significant drop in benzene concentrations within 20 ft. of the initial source concentration. The

concentration vs. distance plots for the following fate and transport processes: 1) no degradation (i.e., only dispersion and adsorption effects), 2) instantaneous reaction (biodegradation rate determined by electron acceptor depletion or metabolic by-product production) , and 3) 1st order biodegradation (literature value) were identical.

2.2 To determine the sensitivity of the input parameters, the hydraulic conductivity was increase to 6.0E-04. The plot of the results appeared to match the sparse field data and the dissolved benzene concentrations along the plume centerline decreased below 5.0 ppb within 80 ft. (Instantaneous Reaction) or within 120 ft. (1st Order Biodegradation). In both cases, since the property boundary lies about 200 ft. from the source of contamination; this conservative modeling approach helps confirm that there is a very small likelihood that dissolved benzene emanating from the contaminate source area will affect an offsite receptor.

3 The background quality of the groundwater in the affected area has a high Total Dissolved Solids (TDS) level. The TDS levels measured 3750 mg/l in the shallow groundwater at 4th and Baker Street which is near the subject property. These TDS concentrations exceed Wyoming's Chapter VIII suitability standard of 500 mg/l for domestic use and 2000 mg/l for agriculture use. The groundwater quality is within the Class III livestock use level of 5000 mg/l. In addition, the background nitrate sampling performed at the property detected nitrate levels (i.e., varying from 36.1 to 51.7 mg/l) which significantly exceed the Wyoming's Class I Groundwater Standard of 10 mg/l.

4 The background quality (i.e., TDS, metals, PCE, and nitrates) of the groundwater exceeds Wyoming's Class I Standards and the benzene eminating from former onsite source(s) exceeds the EPA Drinking Water Maximum Contaminant Level (MCL). The soil sampling indicates that the BTEX contamination is from former onsite sources. According to Wyoming Rules & Regulations Chapter III, Section 5 d.(5) and (7) (f), a discharge into an underground water of Class I, II, III, IV or Special (A) shall not result in the presence of organic concentrations that exceed EPA's MCLs. Benzene concentrations were measured in monitoring wells MW-1 and MW-10 during the January and May 1997 sampling events.

5 The dissolve PCE contamination has commingled with the benzene contamination in the groundwater near monitoring well MW-1. Since the source of the PCE contaminant source appears to lie upgradient of the subject Property, the PCE contamination will continue to migrate from the source to the subject Property. Due to site specific hydrogeologic conditions (i.e., low permeability, silts, clays, etc.), it may be technically impracticable to remediate the upgradient source of the PCE contamination.

6 Upon acknowledgment of the information provided above III. 1. - 5., WDEQ is providing the following two alternatives to the property owner(s) of Gateway Plaza.

6.1 WDEQ is requesting that monitoring wells MW-1, MW-10, and MW-2B continue to be sampled on a semi-annual basis for BTEX. The static water level measurements shall also be taken on a semi-annual basis.

6.2 WDEQ is proposing the alternative of a deed restriction for the property. Since the natural attenuation analysis confirmed that there is a very small likelihood that dissolved benzene emanating from the contaminate source area will affect an offsite receptor and the paved parking lot prevents water infiltration into in the contaminated area, a deed restriction is a feasible alternative. The proposed deed restriction would need to contain the language provided below in 6.2.1 to 6.2.4.

6.2.1 The deed restriction would state that groundwater contamination and soil contamination is known to exist under the property (as defined in the deed). WDEQ has files in its possession which may be reviewed that include environmental reports identifying this contamination.

6.2.2 Institutional controls placed on the property would ensure that appropriate future uses include a restriction on the use of the groundwater beneath the Property. The groundwater beneath the Property is currently not being used or consumed by the owners or occupants of the Property, and shall not be used or consumed by future owners and occupants of the Property without the express written authorization of the WDEQ.

6.2.3 The existing land use is non-residential. If a residential land use is proposed for the Property, all applicable local, state, and federal environmental laws shall be adhered to during the development of such use, including any precautions or restrictions as may be required by the WDEQ.

6.2.4 If removal of any portion of the paved parking lot (other than for normal repair and replacement) or any excavation of the contaminated soils is proposed for the Property, all applicable local, state and federal environmental laws shall be adhered to during and following the removal or excavation, including any precautions or restrictions as may be required by the WDEQ.

6.3 The deed restriction would be considered an interim action and the Property owner could apply for a "No Further Action" designation. As described above, if the owner proposes to remove the pavement and/or proposes a residential use, appropriate precautions would be required and the "No Further Action" designation is no longer applicable. The owner could also pursue a "Site Closure" designation and/or modifications to the deed restriction at a future date. WDEQ would require the submittal of sampling data to confirm that the groundwater and soil contamination no longer exceeds Wyoming's Standards. WDEQ is involved in internal discussions regarding Wyoming's risked-based corrective action policy. The corrective action policy may affect Wyoming's Standards; thereby, enabling the applicability of a "Site Closure" designation.

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

November 23, 1994

Mr. Thomas A. Weisler
Laramie Associates By Managers, Inc.
Its General Partner
American Financial Building
1150 First Avenue, Suite 900
King of Prussia, PA 19406

Re: Permit No. 94-317R, Review of Supplemental Environmental Investigation Gateway Plaza, Laramie, WY

Dear Mr. Weisler:

I am writing this letter in response your letter dated January 14, 1994 and revised June 3, 1994. Comments and requirements are summarized on the enclosed Groundwater Pollution Control (GPC) Program Review Form. The proposed additional monitoring wells and boreholes (**Permit No. 94-317R**) are required to define the nature and extent of soil and groundwater contamination. Any proposed corrective, remedial actions and/or groundwater containment systems will be evaluated following further investigations.

Please contact me directly should you have any questions.

Sincerely,

Phillip Stump

Phillip Stump
Senior Environmental Analyst
Water Quality Division

PBS/bb/45381.ltr

Enclosures: GPC Program Review Form
WDEQ/WQD Minimum Content Requirements for a Subsurface Investigation (SSI) Report of Investigation (ROI)
Solid Waste Guideline No. 2 - Petroleum Contaminated Soils
Permit to Construct

cc: John Withers, CTL/Thompson, Inc. (w/encl)
Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne (wo/encl)

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 94-317R
SPECIAL CONDITIONS

Gateway Plaza Supplemental Investigation

This permit hereby authorizes the applicant:

Laramie Associates by Managers, Inc.
American Financial Building
150 First Ave., Suite 900
King of Prussia, PA 19406

to construct, install or modify monitoring wells according to the procedures and conditions of the application number 94-317R. The facility is located in Section 33, 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 Supervisor, GPC Program, 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

12/7/94
Date of Issuance

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

SPECIAL CONDITIONS

1. of 15 Monitoring wells in the north former bulk oil and transfer area shall be sampled quarterly and the groundwater analyzed for the following listed parameters and according to the EPA Method stated:

Matrix	Compounds	EPA Method
Water	TPH as Diesel Range Organics	8015 Modified
Water	BTEX	8020
Water	Semi-volatile Organics	8270
Water	Total Metals (Primary Drinking Water Regulations - Inorganics)	SW-846 method 7470

Note: If prior approval is obtained from WDEQ/WQD, samples need not be analyzed for semi-volatile organics after the first sampling event.

2. of 15 Soil samples taken from the proposed boreholes shall be analyzed for the following parameters:

Matrix	Compounds	EPA Method
Soil	TPH as Diesel Range Organics	8015 Modified
Soil	Oil & Grease	413.1
Soil	BTEX	8020
Soil	TOX	9020 Modified

Note: If prior approval is obtained from WDEQ/WQD, alternate EPA analytical methods can be employed. After one year of sampling, WDEQ/WQD will evaluate the analytical results and determine the need for subsequent sampling events.

3. of 15 **Within ninety (90) days following the issuance of this permit**, a report of investigation (ROI) summarizing this subsurface investigation shall be submitted to WDEQ/WQD. The ROI shall include the information specified in the *WDEQ/WQD Minimum Content Requirements for a Subsurface Investigation (SSI) Report of Investigation (ROI)*.

4. of 15 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 94-317R. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).

5. of 15 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.

6. of 15 All downhole equipment shall be de-contaminated between wells (borings) to minimize the potential for cross-contamination.

7. of 15 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 Division.

8. of 15 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.

9. of 15 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.

10. of 15 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.

11. of 15 The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).

12. of 15 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.

13. of 15 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 15 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 15 Water which is collected during monitoring well/piezometer development or sampling shall be disposed of properly. The permittee shall obtain permission from the owner for disposal into a storm sewer, sanitary sewer, wastewater treatment plant, disposal pond or other facility or shall obtain authorization from DEQ to apply to the surface or discharge to any waters of the state.

GROUNDWATER SECTION REVIEW OF PROPOSALS/PLANS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

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

PROJECT: Gateway Plaza Shopping Center
Laramie, WY

APPLICANT: Tom Weisler
Managers, Inc.
American Financial Building
1150 First Avenue, Suite 900
King of Prussia, PA 19406
(215)992-0100

APPLICANT'S CONSULTANT: John Withers
CTL/Thompson, Inc.
1971 W. 12th Ave.
Denver, CO 80204
(303)825-0777

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: **94-317R**

TITLE: Letters: Supplemental Environmental Investigation (October 17, 1994);
Reply to Wyoming DEQ Letter of Violation (January 14, 1994, Revised June 3, 1994)

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

DATE ON PROPOSAL/PLANS/LETTERS: October 17, 1994
June 3, 1994

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

'CONDITIONS' TO ANY WDEQ/WQD PERMIT? NO ✓ **YES**_

AN LOV, NOV OR OTHER ENFORCEMENT? NO_ **YES** ✓ **LOV**(Dec. 2, 1993)

REVIEWER: Phillip Stump, Senior Environmental Analyst

DATE OF LAST REVIEW: N/A

DATE OF THIS REVIEW: November 23, 1994

1 SUMMARY OF EXISTING CONTAMINATION:

1.1 Refer to previous report, "Phase II Environmental Site Assessment," CTL/Thompson, Oct. 18, 1993.

1.2 The preliminary site characterization work has been completed at the three areas identified as having potential contamination from past land uses. The full vertical and horizontal extent of soil and groundwater contamination has not been defined in the former auto salvage yard and in the north end of the former bulk oil and transfer area.

2 REQUIREMENTS/RECOMMENDATIONS:

2.1 The proposed plan of actions for the three areas are discussed below:

2.1.1 Former Auto Salvage Yard:
The Oil and Grease soil sample of 1000 mg/kg in boring MW-5 needs to be clarified by the proposed additional soil borings. The soil samples shall be analyzed for TPH, Oil and Grease, and BTEX by the EPA Methods given in *Section 2.3, Condition 2*. If soil contamination is detected above WDEQ/WQD standards, additional borings will be required as described in the workplan (CTL/Thompson, October 17, 1994, p. 2).

2.1.2 Former Bulk Oil and Transfer - South End:
The TPH of the soil samples was less than 100 mg/kg with the exception of two samples. From the groundwater samples, the groundwater has not been impacted by hydrocarbon soil contamination. The potential fate of the existing soil contamination shall be evaluated as described in the workplan (CTL/Thompson, October 17, 1994, p. 2).

2.1.3 Former Bulk Oil and Transfer - North End:
The analytical data submitted provides evidence that a release of petroleum hydrocarbons has occurred in this area. The proposed additional monitoring wells and boreholes are required to define the full extent of soil and groundwater contamination.

2.2 If soil excavation is proposed as a corrective remedial action, a plan identifying the extent of contaminated soil to be excavated shall be submitted to WDEQ/WQD.

2.2.1 Excavating, storing, treating and disposal procedures for contaminated soils must be authorized by the DEQ/Solid and Hazardous Waste Division (SHWD) prior to initiation. Please contact Debbie Myers, WDEQ/SHWD at the Cheyenne office (307) 777-7752.

2.2.2 If the excavated soils are treated on-site (i.e., land farming, etc.) or disposed of off-site, the procedures in the enclosed Solid Waste Guideline #2 - Petroleum Contaminated Soils shall be adhered to.

2.3 WDEQ/WQD authorizes **Permit to Construct #94-317R** under the following **CONDITIONS**:

1. of 15 Monitoring wells in the north former bulk oil and transfer area shall be sampled quarterly and the groundwater analyzed for the following listed parameters and according to the EPA Method stated:

Matrix	Compounds	EPA Method
Water	TPH as Diesel Range Organics	8015 Modified
Water	BTEX	8020
Water	Semi-volatile Organics	8270
Water	Total Metals(Primary Drinking Water Regulations - Inorganics)	SW-846 method 7470

Note: If prior approval is obtained from WDEQ/WQD, samples need not be analyzed for semi-volatile organics after the first sampling event.

2. of 15 Soil samples taken from the proposed boreholes shall be analyzed for the following parameters:

Matrix	Compounds	EPA Method
Soil	TPH as Diesel Range Organics	8015 Modified
Soil	Oil & Grease	413.1
Soil	BTEX	8020
Soil	TOX	9020 Modified

Note: If prior approval is obtained from WDEQ/WQD, alternate EPA analytical methods can be employed. After one year of sampling, WDEQ/WQD will evaluate the analytical results and determine the need for subsequent sampling events.

3. of 15 **Within ninety (90) days following the issuance of this permit**, a report of investigation (ROI) summarizing this subsurface investigation shall be submitted to WDEQ/WQD. The ROI shall include the information specified in the *WDEQ/WQD Minimum Content Requirements for a Subsurface Investigation (SSI) Report of Investigation (ROI)*.

4. of 15 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 94-317R. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).

5. of 15 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.

6. of 15 All downhole equipment shall be de-contaminated between wells (borings) to minimize the potential for cross-contamination.

7. of 15 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 Division.

8. of 15 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.

9. of 15 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.

10. of 15 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.

11. of 15 The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).

12. of 15 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.

13. of 15 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 15 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 15 Water which is collected during monitoring well/piezometer development or sampling shall be disposed of properly. The permittee shall obtain permission from the owner for disposal into a storm sewer, sanitary sewer, wastewater treatment plant, disposal pond or other facility or shall obtain authorization from DEQ to apply to the surface or discharge to any waters of the state.

"WDEQ/WQD Minimum Content Requirements for a Subsurface Investigation (SSI) Report of Investigation (ROI)"

The ROI shall include the following:

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

2. Final location, "as-built" construction details and lithologic logs (including olfactory or original vapor sensing instrument data) of monitor wells/piezometers/boreholes;

3. A site map showing:

   a. physical features (i.e. structures, utilities, etc.);
   b. monitoring well/piezometer/test pit/borehole locations;
   c. surface waters/wetlands;
   d. existing treatment, recovery and containment systems.

4. Geohydrologic maps and cross sections that clearly describe the subsurface distribution of geologic materials and elevations of groundwater;

5. Depth to water and product thickness measurements;

6. Monitor well and soil boring installation procedures utilized;

7. Sample collection procedures utilized and analytical results;

8. A map delineating the extent of the subsurface contamination including LNAPL (free product), soil and dissolved groundwater contamination, including contaminant isopach maps for BETX and TPH concentrations, and product layer thickness;

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

10. Interpretation of the data and summary conclusions of the investigation results;

11. A recommended **Corrective Action Plan** and schedule for **either**:

    A. Development and implementation of additional **Subsurface Investigation** work;

    <u>OR</u>

    B. Development and implementation of **Corrective Measures** to:

1. Remove LNAPL (Free-product);

2. Control the migration of LNAPL (free-product)

3. Control (contain) the migration of contaminated (dissolved) groundwater;

4. Restore the quality of groundwater to within Wyoming groundwater quality standards.

OR

C. Development and submittal of **Statement of Basis** to justify **Project (Site) Closure**.

NOTE: **All plans and schedules for implementation of Subsurface Investigations, Corrective Measures and Project (Site) Closure require Department of Environmental Quality, Water Quality Division (WDEQ/WQD) approval prior to their implementation;**

12. **Sampling and Analysis Plan (SAP)** for continued groundwater monitoring and reporting. The SAP shall include:

A. Proposed format for reporting data:

B. Proposed frequency of sampling and reporting events;

C. A site map showing physical features and the location of monitoring wells;

D. Proposed parameters for water sample analyses and lab analytical procedures. The proposed parameters for analyses must include those characteristics of the suspected contamination (e.g. for petroleum hydrocarbon contamination sites, TPH, benzene, ethylbenzene, toluene, xylene, etc.). EPA procedures for volatile organic analyses (VOA) must be followed;

E. Description of sampling procedures to be followed, including:

1. A description of (or reference to) groundwater sampling equipment to be used;

2. QA/QC plan (including decontamination procedures) to be used;

F. Mean sea level elevations of the top of the casing/measuring point and depth to water of the monitoring wells;

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

H. Time vs. concentration graph illustrating historical groundwater monitoring elevations and sample results for each monitoring/sampling location.

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

SOLID & HAZARDOUS WASTE DIVISION

SOLID WASTE GUIDELINE #2

PETROLEUM CONTAMINATED SOILS

Introduction

This document provides guidelines for the treatment and disposal of soils which are contaminated with petroleum products. The procedures outlined in this document are provided to ensure that petroleum contaminated soils are treated and disposed of in compliance with the Wyoming Solid Waste (SW) rules and regulations and properly characterized using the Toxic Characteristic Leaching Procedure (TCLP) contained in both Chapter II of the Wyoming Hazardous Waste rules and regulations and in EPA rules.

I. Acceptable Wastes

A. LUST Wastes

Soils contaminated with the following Leaking Underground Storage Tank (LUST) products may be accepted for treatment and disposal at an authorized solid waste management facility without specific authorization by this department, provided that the written documentation, treatment, and permitting requirements of the rules are followed:

- Gasoline
- Diesel
- Fuel Oil

B. E & P Exempt Wastes

Soils contaminated with Exploration & Production (E & P) exempt wastes may be accepted for treatment and disposal at an authorized solid waste management facility without specific authorization by this department. E & P wastes may include crude oil, drill cuttings, drilling fluids, produced water, and liquid hydrocarbons removed from the production stream.

It is the responsibility of the waste generator to provide documentation to the solid waste management facility operator that a specific waste meets the criteria of both the federal and state E & P exemption. Only waste streams that are actually related to the exploration for, or the development and production of, crude oil or natural gas are subject to the E & P exemption.

In general, crude oil contaminated soils meet the E & P exemption if the generator verifies that the owner of the spilled crude oil is also the producer of the crude and the spill/leak occurred before the crude oil entered the transportation pipeline.

C. Gas, Crude Oil, Used Oil (non-LUST)

In the event the source of the contaminated soils are not LUST related or are not E & P exempt waste, **the contaminated soils may not be accepted for treatment and disposal without testing and specific authorization by this department.** In order to determine if a given waste is acceptable for treatment and disposal at an authorized solid waste management facility, the wastes should be characterized using one of the following methods:

1. Gasoline, Crude Oil

   Total Benzene (< 10 mg/kg) or TCLP Benzene (< 0.5 mg/l)

2. Used Oil

   TCLP Metals (< concentration limits established by EPA & DEQ)

   Total Benzene (< 10 mg/kg) or TCLP Benzene (< 0.5 mg/l)

   Total Organic Halogens-(TOX) (Total Analyses < 2.6 mg/kg)
   Total Organic Halogens-(TOX) (TCLP Extract < 0.13 ~~mg/kg~~) mg/l

Upon receipt of the aforementioned analytical data, SHWD will determine if the contaminated soils are suitable for treatment and disposal at an authorized solid waste management facility. If analytical data indicate concentrations in the soils exceed the total benzene standard, the generator may at that time elect to have the soils analyzed using the TCLP benzene method. If analytical data indicate TOX concentrations exceed the established 2.6 mg/kg total standard or 0.13 mg/l TCLP standard, the generator may elect to have the contaminated soils resampled for individual TCLP organic constituents. The generator may use process knowledge to eliminate individual TCLP organic constituents from the list of specific analytes. If the contaminated soils exceed the established TCLP benzene limit or any of the TCLP metals or organics concentration limits, the generator will be required to dispose of the contaminated soils in compliance with state & federal hazardous waste disposal regulations.

Any other petroleum related wastes may not be accepted for treatment and disposal without testing and specific authorization from the department.

D. Written Documentation Required

All contaminated soils which are accepted for treatment and disposal should be accompanied by written documentation which describes the source of the wastes (name and address of generator), volume of contaminated soils, type of contamination (gasoline, crude oil, used oil, diesel etc.), and which confirms that the soils contain no free liquids (as defined by the "Paint Filter Liquids Test" EPA Method 9095). This documentation should be kept on file at the permitted treatment or disposal facility for a period of three (3) years.

E. Valid Permit Required

Any solid waste management facility at which petroleum contaminated soils are accepted for treatment and/or disposal shall have a valid solid waste management permit. This permit shall include an operating plan to treat and/or dispose of petroleum contaminated soils, as required by SW Chapter VIII, Section 5.

II. Treatment Area

A. The treatment area should be located in an area in which ground water is at least 20 feet below the ground surface.

B. The treatment area should be relatively flat.

C. The treatment area should be located to minimize the threat of contaminating ground water or surface water. This can be demonstrated by submitting a description of lithology types from the surface to the depth of ground water or first impervious layer, or to a maximum of 20 feet below the ground surface if ground water is not encountered.

D. A separate area should be designated as the treatment area and shown on the site plot plan. The treatment area should be marked by signs with the following wording: "RESERVED FOR PETROLEUM CONTAMINATED SOILS - NO SMOKING", and fenced, if applicable, to prevent site access by the general public, wildlife and livestock.

E. Surface water diversion structures should be constructed to divert all run-on and collect all run-off from the treatment area. All run-off water from the treatment area should be diverted to a lined, surface impoundment constructed to prevent run-off waters from infiltrating into the subsurface of the treatment or disposal facility. Run-off water should be collected and disposed in compliance with DEQ/Water Quality Division rules and regulations. Alternative methods for collection, treatment, and disposal of collect run-off waters may be approved by the department upon request.

III. Treatment Process

A. If possible, contaminated soils from each unique generator should be segregated in the treatment area until such time that the treatment standard is met.

B. The contaminated soils should be placed in the treatment area in lifts which do not exceed a thickness of six (6) inches.

C. The operator may also wish to apply a general all purpose fertilizer (10-10-10) over the contaminated soils at a rate of one pound/cubic yard of contaminated soil, in order to increase the rate of biodegradation.

D. Contaminated soils should be treated using the following procedure:

1. allow the contaminated soils to weather for an initial one-month period

2. disk or till the contaminated soils

3. allow the contaminated soils to weather for a second one-month period

4. At the end of the second weathering period, one composite 3-point soil sample should be collected and analyzed for Total Petroleum Hydrocarbons (TPH) using either California/USGS Method 8015 Modified as gasoline range organics (GRO) or diesel range organics (DRO). At least one 3-point composite sample should be collected and analyzed for each 400 c.y. (approximately 0.5 acres) of soil. If the

source of contamination is condensate or gasoline, the treated soils should be analyzed using test method 8015 - GRO. If the source of contamination is diesel, crude oil or used oil, the treated soils should be analyzed using test method 8015 - DRO. The contaminated soils should be treated to the following standards prior to disposal:

- 100 ppm TPH if the treated soils are to be disposed or backfilled into an area in which ground water is at least 50 feet below the surface or used for asphalt aggregate or road base.

- 10 ppm TPH if the soils are to be disposed or backfilled into an area in which ground water is within 50 feet of the ground surface.

E. Any contaminated soils which are not fully treated at the end of the second weathering period (i.e. soils cannot meet TPH standard) should be disced or tilled, weathered and subsequently analyzed until they pass the treatment objectives outlined in 4D., above.

F. If after one years' time a given plot of contaminated soils does not meet the required treatment standard, SHWD should be contacted in order that additional treatment practices (i.e., addition of organic supplements) can be discussed.

G. The facility operator should attach copies of any TPH analyses performed on the petroleum contaminated soils to the documentation which was received when the wastes were initially delivered.

IV. Storage of Untreated Soils

If a petroleum-contaminated soils treatment facility receives more soils then can be treated at one time, all untreated petroleum contaminated soils must be stored within the bermed area of the treatment facility.

V. Disposal of Treated Soils

A. Soils which have completed the treatment process (i.e. weathered and pass the TPH treatment standard) may be disposed of by one of the following methods:

- used for asphalt aggregate or road base
- disposed of at a landfill
- used as daily cover material at a landfill

B. Alternative options for the disposal or reuse of treated petroleum contaminated soils or reclamation of the treatment/disposal site should receive prior approval by the department.

VI. One-Time Treatment and Disposal Authorization

A. As allowed in SW Chapter VIII, Section 5(b), SHWD will consider issuing a one-time authorization to treat and dispose of petroleum contaminated soils on-site upon written request from the generator. On-site treatment/disposal authorization may be granted in instances where

treatment is likely to be a nonrecurring event, and treatment and disposal will not adversely affect the environment and is protective of public health and safety.

B. Requests to obtain one-time authorization for the treatment and disposal of petroleum contaminated soils on-site should, at a minimum, address all of the items noted in II, III, and V above and contain a topographic map identifying the proposed treatment area.

C. The applicant must document that permission has been obtained from the landowner to treat the contaminated soils at the proposed location.

D. The operator must receive written authorization from SHWD prior to commencing treatment/disposal activities on-site and meet all of the treatment and disposal standards as described in Sections II, III, and V of this guideline.

VII. Long-Term Treatment Authorization

A. In the event an operator wishes to treat petroleum contaminated soils on a continuous, long-term basis at a given location, the operator should seek a permit from SHWD for the treatment of petroleum contaminated soils. An application from the operator would have to address the applicable standards of SW Chapters VI and VIII and the applicant would have to demonstrate financial responsibility under Chapter VII. Once treated, final disposition of the soils would occur as described in the permit application.

VIII. Further Information

This document is a guideline and does not establish regulatory requirements for the management of petroleum contaminated soils. Generators of such wastes may propose alternate ways to meet those regulatory requirements, but should obtain the department's concurrence before using an alternate method.

Further information can be obtained from the following DEQ offices:

Solid & Hazardous Waste Division	Water Quality Division
Casper - 261-5479	Casper - 261-5477
Cheyenne - 777-7752	Cheyenne - 777-7781
Lander - 332-6924	Lander - 332-3144
	Sheridan - 672-6457

Signed,

David A. Finley

David A. Finley
Administrator
Solid and Hazardous Waste Division

4/9/93
Date

LAND APPLICATION PERMIT

[X] New
[ ] Renewal
[ ] Modified

PERMIT NO. 94-318
SPECIAL CONDITIONS

GILLETTE MUNICIPAL SLUDGE APPLICATION

This permit hereby authorizes the applicant:

City of Gillette
P.O. Box 3003
Gillette, WY 82717

to land apply sludge from the Gillette municipal wastewater treatment facility according to the procedures and conditions of the application number 94-318. The application site is located in part of the SW/4 of Section 31 in T50N R71W, parts of Section 1 and 12 in T49N R72W, and parts of Sections 6 and 7 in T49N R71W in the county of Campbell, in the State of Wyoming. This permit shall be effective until March 31, 1999.

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 land apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal method will meet applicable state requirements.

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-26-94
Date of Issuance

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

SPECIAL CONDITIONS

1 of 5 The Department of Environmental Quality, Water Quality Division (DEQ/WQD) permit 94-318 is being issued in conjunction with an EPA 503 sludge application permit WY-SL20125. All requirements, conditions, and site restrictions on the EPA permit WY-SL20125 are accepted and considered as Special Conditions of the DEQ/WQD permit 94-318 by reference.

2 of 5 All permits and approved application management plans which address the application of sludge from this facility are no longer valid regardless of their expiration date. The DEQ/WQD permit 94-318 will be used for the control of sludge application from this facility.

3 of 5 All test results required in Part IV Item G of the Statement of Basis for the EPA permit WY-SL20125 shall also be submitted to the DEQ/WQD at the following address: Wyoming DEQ/WQD, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming, 82801, telephone number 672-6457. All other test results or reports that are required by the EPA permit WY-SL20125 shall also be submitted to the DEQ/WQD.

4 of 5 Failure to meet permit conditions or exceedance of agronomic rates constitutes a violation of the DEQ/WQD permit 94-318. The DEQ/WQD shall be immediately notified of any violation and the permittee is responsible for making appropriate corrections to insure that groundwater is protected.

5 of 5 The review and approval of DEQ/WQD permit 94-318 is based upon the items identified in the attached Statement of Basis.

DRM/pr 43468.LTR
Attachment: Statement of Basis

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-318

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.

Yes.

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

Yes.

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

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

Those portions of Part E of Chapter XI of the Wyoming Water Quality Rules and Regulations (WWQRR) which are covered by 40 CFR Part 503.

B. Briefly state the basis for the deviation.

Several portions of Part of Chapter XI of the WWQRR are in conflict with the new federal sludge regulations (40 CFR Part 503). The new sludge regulations are self-implementing and are to be complied with whether EPA issues an application permit or not.

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).

DEQ/WQD District Policy 10.9. In accordance with District Policy 10.9 all numerical and si restriction requirements stated in the EPA 503 sludge application permit WY-SL20125 are accepted. Upon review of the EPA permit WY-SL20125 it has been determined that all other water quality concerns have been addressed.

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:

Not Applicable (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:

The basis of the EPA permit WY-SL20125 and the DEQ/WQD permit 94-318 is that pollutant limits, management practices, operation standards, monitoring and reporting requirements established in the permits will ensure that the permitted land application of municipal sludge will not violate groundwater standards.

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

N/A.

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

N/A.

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

The permit conditions require the applicant to analyze the sludge and apply it using agronomic rates for nitrogen. The permit has limits on the amount of metals which can be applied in a single application and the accumulated amount of metals in the soil. The permit requires yearly deep soil monitoring of the application sites to verify that the permit limits on metals are being met. The deep soil monitoring will also verify that excess nitrogen is not passing through the root zone to groundwater.

Failure to meet permit conditions or exceedances of agronomic rates constitutes a violation of this permit. The DEQ/WQD shall be immediately notified of any violation and the permittee is responsible for making appropriate corrections to insure that groundwater is protected.

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.

CORRECTED

LAND APPLICATION PERMIT

[X] New

[ ] Renewal

[ ] Modified

PERMIT NO. 94-319
(REFERENCE 88-021, 89-265, 89-511, 90-073, 90-435, 92-209, 93-146, 94-137)

(SEE SPECIAL CONDITIONS)

Naval Petroleum Reserve No. 3
(Name of Facility)

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

US Department of Energy
907 N. Poplar, Suite 150
Casper, Wyoming 82601

to land apply crude oil sludges according to the procedures and conditions of the application No. 94-319. The application site is located in Sections 3, 22, 23, 26 Township 38 North, Range 78 West in the County of Natrona in the State of Wyoming. This permit shall be effective until November 1, 1994.

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 land apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal will meet applicable state requirements.

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

8-26-94
Date of Issuance

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

SPECIAL PERMIT CONDITIONS

1 of 9. The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division (DEQ/WQD) of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be reached at the following address: Wyoming DEQ/WQD, Sheridan District Office, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 82801, telephone number 307/672-6457.

2 of 9. The permittee shall provide immediate oral and/or written notification, in accordance with Section 9 of Chapter III, to the Sheridan District Office of any changes or modifications which are not consistent with the terms of this permit.

3 of 9. Within sixty (60) days of the project completion the applicant will submit to the Sheridan District Office the form provided (Certification Of Completion).

4 of 9. The permittee shall submit a contour map depicting only those sections of road that actually received crude oil sludges within sixty (60) days of the project completion to the Sheridan 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 crude oil sludges shall be applied uniformly.

7 of 9. The application of the crude oil sludges shall not be conducted at times when saturated soil conditions exist or when the ground is frozen.

8 of 9. The application site slope shall not exceed eight percent (8%) for vehicular application.

9 of 9. The application of the crude oil sludges shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.

BDM/pr/mad 43466.LTR 08/12/94

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-319

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

A. Chapter XI. No.

B. Chapter XII. No.

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

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

No.

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

No.

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

No.

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

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

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

B. Briefly state the basis for the deviation.

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

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

District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (8/1/91), 10.4 (10/24/91), and 10.6 (12/03/90) 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 oil contaminated material into the roadbed. Repeated applications of waste to the same sections of road will be monitored by roadbed analyses.

VII. Documentation of Statement of Basis.

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

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. 94-320
SPECIAL CONDITIONS

Moran Septic System

This permit hereby authorizes the applicant:

Tim Moran
13 Westview Circle
Wheatland, WY 82201

to construct, install or modify residential septic system according to the procedures and conditions of the application number 94-320. The facility is located in NE 1/4 Section 12, T24N, R69W 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 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

7-19-94
Date of Issuance

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

SPECIAL CONDITIONS

1 of 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 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 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.

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

GLS/nc 42896.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-320

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 42896.LTR

PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 94-321R
*** CONDITIONED ***

Teton Village Water Supply Project
(Name of Facility)

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

Teton Village Water and Sewer District

P.O. Box 586

Teton Village, WY 83025

to construct a 12-inch and 8-inch transmission pipeline radio telemetry control system and appurtenances and to install two 1000-gpm submersible vertical turbine pump variable frequency drives, standby generator, and chlorinator system according to the procedures and conditions of the application No. 94-321R. The facility is located in Sections 19 and 24, 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 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

9-12-94
Date of Issuance

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

JH/jyi - 43996.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: 94-321R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. NO

B. Chapter XII. YES

III. Basis for issuing permit.

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

YES

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

NO

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

NO

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

NOT

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. 94-322
*** CONDITIONED ***

Mountain View, Child Development Waterline
(Name of Facility)

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

Town of Mountain View

P.O. Box 249

Mountain View, WY 82939

to construct an 8" water distribution line (intertie between two existing lines) according to the procedures and conditions of the application No. 94-322. The facility is located in SE 1/4 S13 T15N R115W in the County of Uinta, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

The issuance of this permit 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

8-15-94
Date of Issuance

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

RRT/mad 43374.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: 94-322

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.

B. Briefly state the basis for the deviation.

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

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.

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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. 94-323R
*** CONDITIONED ***

Dubois Elementary School Water & Sewer
(Name of Facility)

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

Fremont County School District #2

Edwin Hollinger, Supt.

P.O. Box 188

Dubois, WY 82513

to install approximately 400 lineal feet of eight (8) inch diameter sewer and either a looped six (6) inch diameter water line, or an eight (8) inch single water line according to the procedures and conditions of the application No. 94-323R. The facility is located in N1/2, SW1/4, Section 6, T41N, R106W, Town of Dubois 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 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

7-29-94
Date of Issuance

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

GL - 43164.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.

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

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

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

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

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-323R

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.

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 94-324
SPECIAL CONDITIONS

Lario Oil and Gas Company - Statewide Deep Anode Beds

This permit hereby authorizes the applicant:

Lario Oil and Gas Company
P.O. Box 2328

Gillette, WY 82716

to construct, install or modify a deep bed anode system according to the procedures and conditions of the application number 94-324. The facility is located in Statewide in the county of Statewide, in the State of Wyoming. This permit shall be effective for a period of five (5) years from the date of issuance of this permit.

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

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or 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

8-8-94
Date of Issuance

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

SPECIAL CONDITIONS

1 of 6. The cathodic protection deep anode bed shall be installed in accordance with the conditions of this permit and plans and specifications submitted in permit to construct application number 94-324.

2 of 6. After the deep anode beds have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 45 days after a well has been plugged and abandoned, the owner shall file a plugging record with WQD.

3 of 6. In addition to the anode bed construction information submitted with the permit application, the following items relating to construction shall be implemented when the anode beds are installed:

a. A seal of bentonite or bentonite grout is required from the surface to a minimum depth of 3 feet. A second bentonite or bentonite grout seal is required for a minimum thickness of 3 feet, just above the top of the coke

breeze. After the bentonite has been placed in the hole, it shall be hydrated to insure an proper seal. The remainder of the hole between these seals may be backfilled with cuttings.

b. All aquifers encountered while drilling shall be isolated from one another using a bentonite seal of at least 2 feet in vertical dimension.

c. The coke breeze shall be a high quality product containing a minimum of leachable metals or organic pollutants. The coke breeze shall not discharge any pollutant which will cause a groundwater standards violation.

d. Surface access to the anode shall be kept sealed and locked at all times when the anode is not actually being serviced.

e. Each separate aquifer penetrated shall require a separate breather pipe. Each aquifer shall remain in hydrologic isolation from each other if they were isolated prior to installation.

4 of 6. Within 45 days after the anodes are installed, as-built construction plans shall be submitted to the DEQ/WQD, detailing how groundwater was protected during installation.

5 of 6. If it becomes necessary to wet any anode installed under this permit, only water from an approved public water supply shall be used unless DEQ/WQD is first supplied with an analyses of the water for approval. Waters that originate in sources other than an approved public water supply shall not be used unless first approved.

6 of 6. An unlimited number of similar anodes may be installed under this permit. This authorization applies to Lario Oil and Gas Company and all subsidiary companies operating in Wyoming. All anodes installed under this permit shall have similar construction specifications.

RFL/mad 43301.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 94-325
SPECIAL CONDITIONS

Cheyenne Board of Public Utilities

This permit hereby authorizes the applicant:

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

to modify the existing distribution system to install a fire hydrant according to the procedures and conditions of the application number 94-325. The facility is located in SE 1/4 Section 20, T14N, R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

The issuance of this permit 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

7-19-94
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/jn - 42921.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-325

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

A. Chapter XI. No

B. Chapter XII. Yes

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

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

Yes

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

No

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

No

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

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

33954.DOC

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 94-326
SPECIAL CONDITIONS

John Morris Septic System

This permit hereby authorizes the applicant:

John Morris
10401 Experimental Farm Road
Cheyenne, WY 82007

to construct, install or modify residential septic system and commercial holding tank according to the procedures and conditions of the application number 94-326. The facility is located in SW 1/4 Section 18, T14N, R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the

project. The authorized representative in your area can be contacted at the following address: Southeast District Office, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

7/22/94
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 permittee shall notify the Laramie County Environmental Health Division at least (2) days prior to installation of this system to arrange for required inspections. Inspection of the installed system is required prior to backfilling. Laramie County Environmental Health charges a fee for these inspection services. Their offices are located at 100 Central Ave, Cheyenne, Wyoming 82007; or they can be reached by phone at (307) 633-4090

6 of 10 The holding tank shall be constructed with a 2 inch minimum diameter vent in accordance with Section 43(d) of Chapter XI.

7 of 10 The holding tank shall be equipped with a high water level alarm. The device shall be an audible or an indoor illuminated alarm.

8 of 10 A 6 inch pump out pipe which extends to the ground surface shall be provided on the holding tank.

9 of 10 The fill for the mounded leachfield shall be wide enough such that the edge of the leachfield trench is a minimum of 3 feet from the top of the fill slope.

10 of 10 When the wastewater is taken out of the holding tank and placed into the septic tank it shall be done in such a manner that the septic tank will not be overloaded and cause solids to be pushed into the leachfield.

GLS/nc 49273.LTR
cc: Laramie County Environmental Health

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-326

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 42973.LTR

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-327R
*** CONDITIONED ***

Bette's Cafe Small Wastewater System Repair
(Name of Facility)

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

Bette M. Carlson
P.O. Box 172
Alpine, WY 83128

to construct a replacement leachfield according to the procedures and conditions of the application No. 94-327R. The facility is located in SW ¼, Section 29, T37N, R119W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

The issuance of this permit 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

8-5-94
Date of Issuance

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

RRT/bb/43256.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: 94-327R

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.

B. Briefly state the basis for the deviation.

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

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

Not Applicable

VI. Documentation of Statement of Basis.

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

RRT/bb/43256.ltr

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-328R
*** CONDITIONED ***

Jeff Sweet Cabin
(Name of Facility)

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

Jeff Sweet

1215 Perrine

Rawlins, WY 82301

to construct a holding tank according to the procedures and conditions of the application No. 94-328R. The facility is located in Ryan Park Subdivision S28 T16N R81W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

7-28-94
Date of Issuance

This permit <u>does not</u> 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 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5. of 5 An alarm, vent, and a pump out pipe extended to the surface shall be installed as required by Section 43 of the DEQ, Water Quality Rules and Regulations.

RRT/mad 43148.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-328R

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.

B. Briefly state the basis for the deviation.

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

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.

[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. 94-329
SPECIAL CONDITIONS

Lakeview Subdivision Sewer Extension

This permit hereby authorizes the applicant:

Town of Pine Haven
24 Waters Drive
Pine Haven, Wyoming 82721-9761

to construct, install or modify a sanitary sewer system according to the procedures and conditions of the application number 94-329. The facility is located in the NW/4 of the NW/4 of Section 5, Township 50 North, Range 66 West in the County of Crook, in the State of Wyoming. This permit shall be effective for a period of one year from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-5-94
Date of Issuance

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

STANDARD CONDITIONS

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

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

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

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

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

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

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

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

BDM/pr:August 2, 1994 - 43280.ltr

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-329

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.

Chapter XI Section 9.(f)(ii) requires use of encasement pipe in situations where 18 inches of minimum separation cannot be maintained at crossings of sewers and water lines.

B. Briefly state the basis for the deviation.

Site limitations

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).

In the June 7, 1993 letter to the Wyoming Public Works Council the Department of Environmental Quality approved the use of water grade pipe to be used in lieu of encasement in situations where 18 inches minimum vertical separation could not be maintained.

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

not applicable

VII. Documentation of Statement of Basis.

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

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

33954.DOC

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-330R
*** CONDITIONED ***

Debbie Paulsen Site
(Name of Facility)

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

Debbie Paulsen
General Delivery
Alpine, WY 83128

to construct a small waste water system according to the procedures and conditions of the application No. 94-330R. The facility is located in SE¼, Section 18, T37N, 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
Dept. of Environmental Quality

8-5-94
Date of Issuance

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

RRT/bb/43257.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: 94-330R

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.

B. Briefly state the basis for the deviation.

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

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

Not Applicable

VI. Documentation of Statement of Basis.

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

RRT/bb/43257.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 94-331
SPECIAL CONDITIONS

Strahmann Cabin Septic System

This permit hereby authorizes the applicant:

Gerald W. Strahmann
855 Ranger Drive
Cheyenne, Wyoming 82009

to construct, install or modify a residential septic system according to the procedures and conditions of the application number 94-331. The facility is located in SE 1/4 Section 11 T29N R68W in the county of Platte, 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 relieve the permittee from any responsibilities, liabilities or penalties established pursuant 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

7-29-94
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 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 - 43163.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-331

B. Facility Name: Strahmann Cabin 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 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.

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 Sectio.. Note that sediment ponds, public water supplies, sewerage systems, and small wastewater sy. 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

R7

LAND APPLICATION PERMIT

X New
Renewal
Modified

PERMIT NO. 94-332
SPECIAL CONDITIONS

Dry Creek Sludge Application

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities
8911 Campstool Rd.
Cheyenne, WY 82007

to land apply sludge from municipal wastewater plant according to the procedures and conditions of the application number 94-332. The application site is located in various sections in T13 & 14N, R65 & 66W in the county of Laramie, in the State of Wyoming. This permit shall be effective until March 31, 1999.

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

7-28-94
Date of Issuance

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

SPECIAL CONDITIONS

1 of 7 This permit is being issued in conjunction with a 503 Sludge Application Permit. All requirements, conditions and site restrictions on the 503 Sludge application permit are accepted and are considered as Special Conditions of this permit by reference (NPDES Permit No. WYL - 022934).

2 of 7 All permits and approved application management plans which address the application of sludge for this facility are no longer valid regardless of their expiration date. This permit will be used for the control of sludge application from this facility.

5 of 7 The review and approval of this permit is based upon the items identified int he attached Statement of Basis.

6 of 7 All testing results required in item No. VI G of the Statement of Basis for the EPA sludge application permit (No. WYL-022934) shall also be submitted to the Southeast District Engineer of the WQD. All other testing results or reports that are required by the Sludge Application Permit (No. WYL-022934 shall also be submitted to the WQD.

7 of 7 Failure to meet permit conditions or exceedances of agronomic rates constitutes a violation of this permit. DEQ/WQD shall be immediately notified of any violation and the permittee is responsible for making appropriate corrections to insure that groundwater is protected.

GLS/mad 43142.LTR
Attachments: Statement of Basis

STATEMENT OF BASIS

General information.

A. Permit Number: 94-332

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

No

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

Yes

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

Yes Policy 10.9

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.

Those portions of Part E of Chapter XI of the Water Quality Rules and Regulations which are covered by 40 CFR part 503.

B. Briefly state the basis for the deviation.

Several portions of Part E of Chapter XI are in conflict with the new federal sludge regulations (40 CFR part 503). The new sludge rules are self implementing and are to be complied with whether EPA issues an application permit or not. This facility has been issued a 503 Sludge Application permit by EPA. In accordance with Policy 10.9 all numerical and site restriction requirements stated in the 503 permit are accepted. Upon review of the 503 permit it has been determined that all other water quality concerns have been addressed.

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, III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of sec 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:

The basis of the Federal 503 Permit and this State Land Application permit is that pollutant limits, management practices, operation standards, monitoring and reporting requirements established in the permits will ensure that the permitted land application of sludge will not violate groundwater standards.

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

N/A

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

N/A

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

The permit conditions require that the applicant analyze the sludge and apply it using agronomic rates for nitrogen. The permit has limits on the amount of metals which can be applied in a single application and the accumulated amount of metals on a piece of ground. The permit requires yearly deep soil monitoring of the application sites to verify that permit limits on metals are being met. The deep soil monitoring will also verify that excess nitrogen is not passing through the root zone to the groundwater.

Groundwater: Failure to meet permit conditions or exceedance of agronomic rates constitutes a violation of this permit. DEQ/WQD shall be immediately notified of any violation and the permittee is responsible for making appropriate corrections to insure that groundwater is protected.

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.

42901.DOC

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-333
*** CONDITIONED ***

Stephen and Judith Paul
(Name of Facility)

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

Stephen and Judith Paul

905 E. Murray

Rawlins, WY 82301

to construct a small wastewater system according to the procedures and conditions of the application No. 94-333. The facility is located in Lot 5 Block 2, Aspen Highlands Subdivision, NW¼ SECTION 10, T19N, R81W 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

7-25-94
Date of Issuance

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

rrt/bb/43081.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: 94-333

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.

B. Briefly state the basis for the deviation.

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

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

Not Applicable

VI. Documentation of Statement of Basis.

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

RRT/bb/43081.ltr

PERMIT TO CONSTRUCT

[X] New
[ ] Renewal
[ ] Modified

PERMIT NO. 94-334
SPECIAL CONDITIONS

Gene Snell Residence Septic System

This permit hereby authorizes the applicant:

Gene Snell
P.O. Box 252
Sundance, WY 82729

to construct, install or modify a septic system according to the procedures and conditions of the application number 94-334. The facility is located in the SE/4 of Section 13 of T51N R63W in the County of Crook, in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-15-94
Date of Issuance

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

STANDARD CONDITIONS

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

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

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

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

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

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

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

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

DRM/pr:08/04/94
b/43353.ltr
cc: Crook County Small Wastewater File

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-334

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

A. Chapter XI. Yes.

B. Chapter XII. No.

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

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

Yes.

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

No.

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

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

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

Not Applicable (N/A).

B. Briefly state the basis for the deviation.

N/A.

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

N/A.

V. Application requires review to determine groundwater impacts in accordan Section 15, Chapter III. See footnote. (Indicate either applicable o. applicable. If not applicable delete all of section VI. from the Statement 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/bb/43353.ltr

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

November 17, 1994

MR. ROGER BAALMAN
DIRECTOR, FACILITIES PLANNING
UNIVERSITY OF WYOMING
211 MERICA HALL
LARAMIE WY 82071

RE: **PERMIT CONDITION COMPLIANCE** - Certification of Completion
Facility: MINERAL RESEARCH & RECLAMATION
Permit Number: 94-335

Dear Facility Owner:

According to our records it has been more than 60 days past the estimated completion date for the above referenced project, and as of this date, this office has not yet received the required CERTIFICATION OF COMPLETION" form. If the project has been completed, please fill out and return the enclosed Certification of Completion form as soon as possible. If your construction schedule has been delayed, please notify this office of the revised schedule and the best estimate of the new completion date.

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 45088.LTR
Enclosure: Certification of Completion form
cc: Permit Compliance Tracking File

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 94-335
SPECIAL CONDITIONS

Mineral Research and Reclamation Center

This permit hereby authorizes the applicant:

University of Wyoming
P.O. Box 3413, University Station
Laramie, WY 82071

to construct, install or modify sanitary sewer collection line according to the procedures and conditions of the application number 94-335. The facility is located in NE 1/4 Section 33 T14N, R73W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

The issuance of this permit 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 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

9-16-94
Date of Issuance

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

SPECIAL CONDITIONS

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

2 of 5 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

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

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

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

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

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

5 of 5 The fire sprinkler system shall be isolated from the potable water supply with a cross connection control device approved by the Foundation for Cross-Connection Control, University of Southern California.

GLS/jn - 44136.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-335

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 protected. (Fill out only the applicable sections and indicate sections that are not applicable

N/A

VII. Documentation of Statement of Basis.

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

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

33954.DOC

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: **Mineral Research and Reclamation Center**

ENGINEER: **Steven E. Rea**
LAR Engineering
309 S. 4th Street, Room #1
Laramie, WY 82070

APPLICANT: **University of Wyoming**
P.O. Box 3413, University Station
Laramie, WY 82071

WATER QUALITY REFERENCE NUMBER: **94-335**

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **July 27, 1994**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1 of 3 Chapter III Section 5(c) of the Water Quality Rules and Regulations requires that all plans, specifications, and design report carry the seal and signature of Wyoming Registered Professional Engineer. The plans, specifications, and design report submitted do not have an engineers seal and signature placed on them.

2 of 3 Chapter III Section 5(b) of the Water Quality Rules and Regulations requires that 3 copies of the plans specifications, and design report are to be submitted.

3 of 3 A description of how the new building will be serviced with water. If the new building is connected to the existing water distribution system with a service line and the building is to have a sprinkler system, Water Quality Regulations require that the service line be protected with a cross connection prevention device. The regulations also require that the cross connection device be in accordance with AWWA Manual M-14.

/jn - 43167.ltr

PERMIT TO CONSTRUCT

[x] New

Permit No. 94-336
REF: 94-254
*** CONDITIONED ***

[] Renewal

[] Modified

Jackson - S. Park Loop Road Water Lines
(Name of Facility)

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

Town of Jackson

P.O. Box 1687

Jackson, WY 83001

to install various water line crossings ahead of road reconstruction and extend a twelve (12) inch diameter water line approximately 130 lineal feet according to the procedures and conditions of the application No. 94-336. The facility is located in NW1/4, 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

7-28-94
Date of Issuance

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

GL/mad 43152.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: 94-336

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.

PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 94-337
*** CONDITIONED ***

Jackson - Elk Dance 4th Filing Water & Sewer
(Name of Facility)

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

Spring Creek Ranch Company

Michael Hammer, General Partner

P.O. Box 2809

Jackson, WY 83001

to install approximately 1060 lineal feet of six (6) inch diameter sewer line, and approximately 1850 lineal feet of eight (8) inch diameter water line and appurtenances according to the procedures and conditions of the application No. 94-337. The facility is located in NE1/4, Section 21, 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

8-26-94
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

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

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

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY

82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

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

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

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

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

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

GL/nc 43507.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-337

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.

GL/nc 43507.LTR

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-338
*** CONDITIONED ***

Rosebud Coal Sales Co. Water System
(Name of Facility)

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

Rosebud Coal Sales Co.

P.O. Box 780

Hanna, WY 82327

to construct a water main according to the procedures and conditions of the application No. 94-338. The facility is located in NW 1/4 S9 T22N, R81W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

8-2-94
Date of Issuance

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

RRT/mad 43195.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: 94-338

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.

B. Briefly state the basis for the deviation.

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

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.

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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. 94-339R
*** CONDITIONED ***

Lander - Carper Subdivision Water & Sewer
(Name of Facility)

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

Chuck Carper

P.O. Box 1224

Lander, WY 82520

to install approximately 2350 lineal feet of six (6) inch water line and 2150 lineal feet of eight (8) inch sewer line according to the procedures and conditions of the application No. 94-339R. The facility is located in NE1/4, Section 13, T33N, R100W, Town of Lander 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
Dept. of Environmental Quality

9-16-94
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

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

Division, by the attached post card of the date construction will begin and the estimated completion date.

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

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

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

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

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

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

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

GL/mad 44204.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-339R

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.

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-340R
*** CONDITIONED ***

Boomer/Green Small Wastewater
(Name of Facility)

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

Steven G. Boomer & Ronald D. Green

1655 Laramie

Casper, WY 82604

to construct a small wastewater system according to the procedures and conditions of the application No. 94-340R. The facility is located in Lot 1 Block 6, White Rock Est., NW 1/4 NW 1/4 S17 T18N R79W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

8-9-94
Date of Issuance

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

RRT/bb/43333.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: 94-340R

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.

B. Briefly state the basis for the deviation.

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

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.

RRT/bb/43333.ltr

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

RF

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 94-341
SPECIAL CONDITIONS

Ponderosa Ridge - Sow Site Sorrowa's Wait

This permit hereby authorizes the applicant:

Ponderosa Ridge, LLC
P.O. Box 97
Albin, WY 82050-0097

to construct, install or modify wastewater collection system, solids separator, and wastewater lagoon according to the procedures and conditions of the application number 94-341. The facility is located in SW & SE 1/4 Section 26, T17N, R62W 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

11-29-94
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 This permit is issued based on the drawdown cone and radius of influence for ROMSA #7 well being pumped at a minimum rate of 250 gpm at all times. A report done by Lidstone Anderson dated September 9, 1994 and submitted with the application package illustrates that the drawdown cone and radius of influence for ROMSA #7 will be such that groundwater will be protected.

6 of 10 In order to verify the groundwater model, the following sampling schedule and procedure shall be followed for wells ROMSA #5, #6 and #7.

a. Background data shall be established from a one time sampling event from all three wells as soon as the wells are placed in service or started for spring irrigation. The first year of sampling will also include a sample from the three sampling wells at the end of the irrigation season. Monitoring after the first year will require that ROMSA #7 be monitored on a semiannual basis and ROMSA #5, and #6 to be monitored at the end of the irrigation season as presented in the application package.

b. An annual report shall be submitted to the Southeast District Engineer and will include a title sheet with a location map showing the location of the facility and the monitoring wells. The map will also include elevations of the three sampling wells. The sample report will include elevation of static water level, total Ammonia (NH3-N), and total Nitrate (NO3-N). The sample parameter shall be provided for each of the three sampling wells. The sample report will also include the total gallons pumped for ROMSA #7 well.

c. If the monitoring data shows that the total N in the production well (ROMSA #7) is greater than 100 mg/l then the permittee shall submit a report to the Southeast District Engineer showing that the integrity of the liner has been maintained. If the Permittee documents that the integrity of the liner has indeed been maintained then the permittee shall provide a reasonable explanation for the elevated levels of the Nitrate. If it is found that the pond is indeed leaking then the pond shall be drained and repaired immediately.

If the monitoring does not verify the groundwater modeling as proposed, the permittee shall provide measures to correct the deficiencies in the groundwater modeling. The permittee shall submit the corrective measures to the WQD for approval prior to implementation of the corrective action.

7 of 10 A liner report shall be prepared during the construction of the liner and will include density testing results and information showing that the permeability of the liner is in conformance with the design information. This report shall be prepared and stamped by a registered professional engineer.

8 of 10 An Operation and Maintenance Manual shall be submitted and approved by this office prior to placing the facility in operation.

9 of 10 Prior to placing any liquids or sludges from the waste system on irrigated crop land the permittee shall obtain a land application permit from this office.

10 of 10 If the hog feeding operation shuts down for 30 days or more the wastewater lagoon shall be emptied and all sludges removed and properly disposed of. The production well (ROMSA #7) shall maintain a minimum pumping rate of 250 gpm during intermittent or permanent shutdown of the hog feeding facility. The well shall maintain the minimum pumping rate until the permittee demonstrates that all contamination has been removed from the groundwater.

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-341

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.)

Applicable

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

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

N/A

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

N/A

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

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:

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:

The proposed wastewater lagoon is for storage of washwater from a confined hog feeding operation only. The permit application does not provide for disposal of any other waste at the site. The wastewater lagoon will be lined with clay and silty clay found on site and will be stockpiled during the lagoon excavation. The liner will be 8 inches thick and when compacted to 95% of standard proctor has a permeability that is 10-7 cm/sec. The maximum exfiltration will not exceed 1/8 inch/day as indicated in Chapter XI.

The permittee has provided groundwater modeling which indicates that all contamination which enters the groundwater from the wastewater pond will be captured by a production well downgradient. The production well is located approximately 1,300 feet downgradient and will pump a minimum of 250 gpm at all times. The pumping rate for the well may be increased depending upon demand however it will not be less than the 250 gpm as indicated.

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

N/A

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

The permittee will be required to monitor three existing wells to verify that the model presented in the permit application is accurate and to verify that groundwater is not being impacted and that all contaminates from the lagoon are in fact being intercepted by the production well.

The wells will be monitored for water level depth and nitrogen. The production well will also be monitored and the amount of water pumped will be required as well as the static water level and nitrogen. Monitoring shall be required until such time that the department is satisfied the groundwater modeling is accurate and monitoring is no longer required.

VII. Documentation of Statement of Basis.

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

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

33954.DOC

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: **Ponderosa Ridge - Sow Site**

ENGINEER: **James K. Murphy**
A.V.I p.c.
2035 Westland Rd.
Cheyenne, WY 82001

APPLICANT: **Ponderosa Ridge, LLC**
P.O. Box 97
Albin, WY 82050-0097

WATER QUALITY REFERENCE NUMBER: 94-341

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **August 22, 1994**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1 of 8 The design report indicates that irrigation will extract water from the wastewater lagoon until November. Typical irrigation seasons run until mid September. Please provide information indicating how the irrigation water will be utilized through the months indicated in the design report.

2 of 8 The design report indicates that the facility will utilize 250 gpm from the production well. Please describe how this much water will be utilized in the facility operation.

Groundwater Modeling

3 of 8 Transmissivity;

A. Is the Arikaree formation in hydraulic connection with the Ogallala formation?

B. Are the aquifer formations homogeneous and without impermeable barriers?

C. Are the literature values for transmissivity based upon pump test data, slug tests, soil lithology, etc.?

4 of 8 Storage Coefficient;

A. Since the storage coefficient is very small, is the Arikaree formation being modelled as a confined or semi-confined, leaky aquifer?

B. What values from literature is the storage coefficient based upon?

C. What is the estimated porosity of the aquifer formation?

5 of 8 Saturated Thickness;

A. As the lithology is described, the Arikaree formation is greater than 400 ft. in thickness in the vicinity of Romsa Well No. 7. and the static water level is approximately 160 ft. below ground. Please provide any assumptions/empirical data to verify the 200 ft. approximation of the saturated thickness.

6 of 8 Extraction Rate;

A. Will the Romsa Well No. 7 be pumped at a constant pumping rate of 250 gpm? Is the pumping of the water supply well(s) controlled by automatic shut-off devices and/or dictated by daily schedules. Any transient pumping conditions should be simulated in the groundwater model.

B. Will the operation of any other water supply wells in the area affect the water table potentiometric surface.

7 of 8 Potential Groundwater Contamination Source: Wastewater Lagoon; and

A. Please provide an approximation of the infiltration rate of seepage emanating from the wastewater lagoon.

B. Estimate the potential of whether the seepage will impact the quality of the groundwater (i.e., include applicable adsorption, dilution, or dispersion effects, etc.)

C. The lateral extent of the wastewater lagoon should be taken into consideration when modelling the possible impacts to the groundwater quality (i.e., the contamination source has lateral dimensions and is not a point source.)

8 of 8 Capture Zone Results.

A. The drawdowns during each time step at each of the 400 nodes of the PLASM model were submitted in the report. The drawdowns need to be superimposed on the steady state ambient water table elevations. If the simulated water table/potentiometric surface and corresponding groundwater flow lines are represented graphically, the capture zone of the water supply well can be evaluated.

B. Since the operation of the pork farm needs to be evaluated over a long period of time, the steady state simulated water table conditions should be modelled. Although the pumping schedules may vary enough to preclude steady state conditions, the steady state potentiometric surface should be simulated for the most likely pumping schedule (i.e., the daily, weekly, etc., schedule).

/jn - 43539.ltr

HE STATE OF WYOMING

JIM GERINGER
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 777-5616	FAX 777-6937	FAX 634-0799	FAX 777-5973	FAX 777-5973

November 24, 1995

Ponderosa Ridge, LLC
Attn: Roger Buschow and Dawn Rundell
P.O. Box 97
515 Albin Street
Albin, Wyoming 82050

RE: Model 825YD Reduced Pressure Backflow Preventer for Toxic Service Approved.

Dear Mr. Buschow and Ms. Rundell:

The Wyoming DEQ Water Quality Division (WQD) has received and reviewed the specification sheet Model 825YD Reduced Pressure Backflow Preventer for Toxic Service. The WQD finds this device to be in compliance with Permit # 95-118 condition 5 of 8 which requires either physical disconnection or a reduced pressure backflow prevention device, and is therefore approved for this use. However please note that another specification sheet for a Model 805YD Double Check Backflow Preventer for Non-Toxic Service was also included with your November 16, 1995 letter. This device does not meet the requirements of condition 5 of 8, and is not approved for this use. Only the Model 825YD Reduced Pressure Backflow Preventer is approved, and may be installed.

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

Sincerely,

Gary Steele
SE District Engineering Supervisor
Water Quality Division

GLS:ks
55327.ltr

cc: Permit File #95-118
Permit File #94-341

LAND APPLICATION PERMIT

[X] New

[ ] Renewal

[ ] Modified

PERMIT NO. 94-342

(SEE SPECIAL CONDITIONS)

CONOCO LINCH FIELD ROAD APPLICATION
(Name of Facility)

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

Conoco
P.O. Box 130
Linch, Wyoming 82640

to land apply waste oil according to the procedures and conditions of the application No. 94-342. The application site is located in parts of Sections 3, 26, and 34 of Township 42 North Range 78 West, in the County of Johnson in the State of Wyoming. This permit shall be effective until November 1, 1994.

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 land apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal will meet applicable state requirements.

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

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

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 land application permit.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

8-15-94
Date of Issuance

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

SPECIAL PERMIT CONDITIONS

1 of 9. The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division (DEQ/WQD) of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be reached at the following address: Wyoming DEQ/WQD, Sheridan District Office, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 82801, telephone number 307/672-6457.

2 of 9. The permittee shall provide immediate oral and/or written notification, in accordance with Section 9 of Chapter III, to the Sheridan District Office of any changes or modifications which are not consistent with the terms of this permit.

3 of 9. Within sixty (60) days of the project completion the applicant will submit to the Sheridan District Office the form provided (Certification Of Completion).

4 of 9. The permittee shall submit a contour map depicting only those sections of road that actually received waste oil within sixty (60) days of the project completion to the Sheridan 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 waste oil shall be applied uniformly.

Permit #94-342
CONOCO Linch Field Road Application

7 of 9. The application of the waste oil shall not be conducted at times when saturated soil conditions exist or when the ground is frozen.

8 of 9. The application site slope shall not exceed eight percent (8%) for vehicular application.

9 of 9. The application of the waste oil shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.

DRM/pr:08/04/94

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-342

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

A. Chapter XI. No.

B. Chapter XII. No.

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

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

No.

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

No.

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

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

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

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

B. Briefly state the basis for the deviation.

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

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

District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (8/1/91), 10.4 (10/24/91), and 10.6 (12/03/90) 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 waste oil into the roadbed. Repeated applications of waste to the same sections of road will be monitored by roadbed analyses.

VII. Documentation of Statement of Basis.

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

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

DRM/bb/43354.ltr

LAND APPLICATION PERMIT

[X] New

[ ] Renewal

[ ] Modified

PERMIT NO. 94-343

(SEE SPECIAL CONDITIONS)

COOPER ROAD APPLICATION
(Name of Facility)

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

Cooper Coating Company
2713 Topley Avenue
Las Cruces, NM 88005

to land apply contaminated sand according to the procedures and conditions of the application No. 94-343. The application site is located in the SE/4 of the NW/4 of Section 28 of Township 34 North Range 80 West, in the County of Natrona in the State of Wyoming. This permit shall be effective until November 1, 1994.

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 land apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal will meet applicable state requirements.

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

8-9-94
Date of Issuance

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

SPECIAL PERMIT CONDITIONS

1 of 9. The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division (DEQ/WQD) of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be reached at the following address: Wyoming DEQ/WQD, Sheridan District Office, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801, telephone number 307/672-6457.

2 of 9. The permittee shall provide immediate oral and/or written notification, in accordance with Section 9 of Chapter III, to the Sheridan District Office of any changes or modifications which are not consistent with the terms of this permit.

3 of 9. Within sixty (60) days of the project completion the applicant will submit to the Sheridan District Office the form provided (Certification Of Completion).

4 of 9. The permittee shall submit a contour map depicting only those sections of road that actually received contaminated sand within sixty (60) days of the project completion to the Sheridan 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 sand shall be applied uniformly.

7 of 9. The application of the contaminated sand shall not be conducted at times when saturated soil conditions exist or when the ground is frozen.

8 of 9. The application site slope shall not exceed eight percent (8%) for vehicular application.

9 of 9. The application of the contaminated sand shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.

DRM/pr:08/04/94
b/43360.ltr

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-343

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

A. Chapter XI. No.

B. Chapter XII. No.

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

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

No.

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

No.

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

No.

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

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

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

B. Briefly state the basis for the deviation.

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

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

District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (8/1/91), 10.4 (10/24/91), and 10.6 (12/03/90) 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 contaminated sand into the roadbed. Repeated applications of waste to the same sections of road will be monitored by roadbed analyses.

VII. Documentation of Statement of Basis.

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

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

DRM/bb/43360.ltr

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-344
*** CONDITIONED ***

Western Rock Springs Facility
(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 construct a passive recovery system according to the procedures and conditions of the application No. 94-344. The facility is located in NE 1/4 Section 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
Dept. of Environmental Quality

9-30-94
Date of Issuance

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

STANDARD AND SPECIFIC 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 (60) days of completion of construction of the authorized facility(ies), 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(ies) was completed; and

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

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

d. Certification that the facility(ies) 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 A summary of the recovery of free product shall be submitted to the WDEQ/WQD Lander office on a quarterly basis.

KLE/bb/44371.ltr

RF

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 94-345
SPECIAL CONDITIONS

Centennial W&S District - W&S Extends on Walnut and Third

This permit hereby authorizes the applicant:

Centennial Water & Sewer District
P.O. Box 436
Centennial, Wyoming 82055

to construct, install or modify water and sewer line extensions according to the procedures and conditions of the application number 94-345. The facility is located in NE 1/4 Section 03 T15N R78W 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

9/6/94
Date of Issuance

This permit <u>does not</u> 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".

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-345

B. Facility Name: Centennial W&S District - W&S Extends on Walnut and Third

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 (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 43909.LTR

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Walnut St. Sewer & 3rd St. Water Extends - Centennial

ENGINEER: Robert J. Coffey
Coffey & Assoc., LLC
903 Grand Avenue
Laramie, Wyoming 82070

APPLICANT: Centennial Water & Sewer District
P.O. Box 436
Centennial, Wyoming 82055

WATER QUALITY REFERENCE NUMBER: 94-345

REVIEWING ENGINEER: Ronald L. Ewald RLE

DATE OF REVIEW: August 10, 1994

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1. Engineering Design Report - An Engineering Design Report (EDR) is required with each water and sewer application. No such document was included with this application package. Chapter XII, Section 6(a) states:

   "Scope and purpose. An engineering design report shall be submitted with each application. The purpose of the report shall be to describe and provide technical justification for all aspects of the proposed construction, modifications and/or installations. The report should address existing conditions (if any), known or suspected problems, proposed actions, and the reasoning used to arrive at those proposed actions. There is no minimum or maximum size for the report, provided it meets the purpose of this section."

2. Small Water Mains - Chapter XII, Section 14(b)(iv) states, "Any main smaller than 6 inches shall be justified by hydraulic analysis and future water use.

3. Water Pressure - Chapter XII, Section 14(b)(i) requires a normal working pressure in the distribution system of not less than 35 psi, and a minimum pressure of 20 psi under all conditions. What will the pressures be?

4. Blow Off Chamber - More details on the specifications and operation of this unit are needed for review. Additionally, this chamber does not appear to have drainage provided as required by Chapter XII, Section 14(e)(ii).

5. Water/Sewer Crossings - More detail on the water and sewer crossings is needed to determine their suitability.

6. Maximum Sewer Velocities - Chapter XI, Section 9(c)(i)(D) requires that sewer velocities not be greater than 10 fps without special design considerations. What are the expected maximum velocities in the steep (> 9% slope) sections of the sewer line?

/jn - 43402.ltr

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-346R
*** CONDITIONED ***

Fox Run Subdivision Phase II
(Name of Facility)

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

JS Construction

P.O. Box 314

Rock Springs, WY 82902-0314

to construct sewer collection and water distribution systems according to the procedures and conditions of the application No. 94-346R. The facility is located in Lots 3 & 4 S33 T19N R105W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

8-9-94
Date of Issuance

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

rrt

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: 94-346R

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.

B. Briefly state the basis for the deviation.

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

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.

RRT/bb/43334.ltr

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-346R

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.

B. Briefly state the basis for the deviation.

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

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.

RRT/bb/43334.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. 94-347
SPECIAL CONDITIONS

WCDA Laramie Low Rent Public Housing 17-5

This permit hereby authorizes the applicant:

Wyoming Community Development Authority
123 S. Durbin Street, P.O. Box 634
Casper, WY 82602

to construct, install or modify publicly owned water distribution and wastewater collect system according to the procedures and conditions of the application number 94-347. The facility is located in SW 1/4 Section 31, T16N, R73W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

The issuance of this permit 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

12-2-94
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.

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

GLS/bb/45524.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-347

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. 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/45524.ltr

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: **WCDA Laramie Low Rent Public Housing 17-5**

ENGINEER: **Rick D. Coldsnow**
TSP Two, Inc.
P.O. Box 1208
Gillette, WY 82717-1208

APPLICANT: **Wyoming Community Development Authority**
123 S. Durbin Street
P.O. Box 634
Casper, WY 82602

WATER QUALITY REFERENCE NUMBER: 94-347

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **October 24, 1994**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1 of 3 The water system analysis as submitted is incomplete. The network analysis needs to include runs with both domestic use and fire flow on the same run. Chapter XII requires that a minimum pressure of 20 psi be maintained under all flow conditions. Please specify weather the domestic water use is for average day, peak day, or peak hour.

2 of 3 Please clarify the fire flow requirements. The Engineering Design Report indicates that the local fire authority requires a minimum of 1,500 gpm, the network analysis indicates that 1,000 gpm was used to check the 20 psi minimum pressure, a drawing showing the pipe and node numbers indicates a minimum pressure of 1,750 gpm. The water system analysis needs to be done with the required fire flow and not simply 1,000 gpm.

3 of 3 Question: The network analysis provided only has one source node (70). Is this node the only source or are there other locations which connect to the regional system.

/jn - 44972.ltr

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: **WCDA Laramie Low Rent Public Housing 17-5**

ENGINEER: **Rick D. Coldsnow**
TSP Two, Inc.
P.O. Box 1208
Gillette, WY 82717-1208

APPLICANT: **Wyoming Community Development Authority**
123 S. Durbin Street
P.O. Box 634
Casper, WY 82602

WATER QUALITY REFERENCE NUMBER: **94-347**

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **August 10, 1994**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1. Water Quality Rules and Regulations require that all sections of new water and sewer mains be shown on a plan and profile sheet. Plan and Profile sheets for the south section of the water line and the sewer main from manhole B-1 to B-2.

2. The water and sewer main crossing between manholes A-1 and A-2 needs to be shown in the profile. The separation distance between the water and sewer needs to be shown and if the water main is not a minimum of 18 inches above the sewer main then the water main needs to be protected. The water main can be protected by either placing the water main or the sewer main in a separate conduit which extends a minimum of 9' on both sides of the crossing or the sewer main can be constructed with water grade pipe and tested in accordance with water pipe standards.

3. Water Quality Rules and Regulations require that final construction plans be permitted for construction. Please submit final plans and remove the preliminary stamp from the corrected plans.

4. Water Quality Rules and Regulations Chapter XII Section 14 (b)(i) requires that a hydraulic analysis be performed for both portions of the water system. The results of the hydraulic analysis needs to be submitted to this office for review. The analysis needs to show that average working pressure is above 35 psi and that the minimum pressure from any of the hydrants is greater than 20 psi under all flow conditions.

5. In accordance with Water Quality Rules and Regulations, Chapter XI, a letter from the Town of Laramie, accepting the waste from this facility, is required.

/jn - 43404.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 94-348
SPECIAL CONDITIONS

Boyer Drain Field Replacement

This permit hereby authorizes the applicant:

Donald L. Boyer
1611 W. College Drive
Cheyenne, WY 82007

to construct, install a replacement leach field according to the procedures and conditions of the application number 94-348. The facility is located in NW 1/4 Section 18, T13N, R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

The issuance of this permit 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

9-6-94
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 Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

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

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

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

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

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

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

6 of 7 The intent of the construction authorized by this permit is to provide facilities for the interim treatment of wastewater until such time that treatment is available through a regional wastewater system. The 201 Facilities Plan Final Report: City of Cheyenne, South Cheyenne Water and Sewer District and Laramie County requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Facility Plan.

7 of 7 A minimum of 3 percolation test shall be performed in the area of the replacement leach field to verify the design percolation rate of 60 minutes per inch.

GLS/bb/43868.ltr

cc: Laramie County Environmental Health

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-348

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/43868.ltr

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: **Boyer Septic System**

ENGINEER: **Laurice K. Peterson**
8109 Red Fox Rd.
Cheyenne, WY 82009

APPLICANT: **Donald L. Boyer**
1611 W. Collage Dr.
Cheyenne, WY 82007

WATER QUALITY REFERENCE NUMBER: 94-348

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **August 8, 1994**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1. A review of the design information package indicates that the perc test information was taken from the original leach field installation. If a permit is issued for the installation of a replacement leachfield the permit will have a condition on it requiring that a minimum of 3 perc tests be run to verify the 60 minutes per inch.

2. As indicated to you previously, this facility is within the 201 service area. This application was reviewed by the 201 committee at 3:30 P.M. on August 3rd. The committee determined that an attempt must be made by you to have the boundaries of the South Cheyenne Water and Sewer District extended to include that portion of the your property which has the houses on it. If the petition to the South Cheyenne Water and Sewer Board is denied by either South Cheyenne or the Board of Public Utilities the exception will be granted.

   Your permit may have the exception granted or be reevaluated by the 201 Committee if in the preparation of the petition to South Cheyenne you determine that first, the connection between your collection system, and the South Cheyenne system cannot be made, or second that you determine the cost of extending a line to the South Cheyenne system is considerably more than the cost of the replacement leachfield. This information must be submitted to this office for evaluation.

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

/jn - 43285.ltr

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 94-349R
*** CONDITIONED ***

TG Soda Ash, Sediment Basins
(Name of Facility)

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

TG Soda Ash, Inc.

P.O. Box 100

Granger, WY 82934

to install two concrete sedimentation basins to collect sediment from runoff and plant discharges according to the procedures and conditions of the application No. 94-349R. The facility is located in NW 1/4, Section 36, T20N, R111W 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

12-5-94
Date of Issuance

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

STANDARD AND SPECIFIC CONDITIONS 1 through 3

1. of 3 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 3 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 3 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.

PERMIT TO CONSTRUCT

.x] New

[] Renewal

[] Modified

Permit No. 94-500R
*** CONDITIONED ***

Kuiper Septic Tank/Leach Field
(Name of Facility)

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

Jack Kuiper

P.O. Box 310

Thermopolis, WY 82443

to install a 1000 gallon septic tank and leach bed according to the procedures and conditions of the application No. 94-500R. The facility is located in NE1/4NW1/4, Section 11, T42N, R95W in the County of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

The issuance of this permit 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

11-30-94
Date of Issuance

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

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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: 94-500R

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.