

PERMIT TO CONSTRUCT

New

Permit No. 93-252

Renewal

\*\*CONDITIONED\*\*

Modified

Rock Springs Pipeline Phase II  
(Name of Facility)

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

Green River-Rock Springs-Sweetwater County Joint Powers Water Board

P.O. Box 158

Green River, WY 82935

to construct a transmission pipeline facility according to the procedures and conditions of the application No. 93-252. The facility is located in T 18N, R 107W; T 18N, R 106W; and T 18N, R 105 W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of 3 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

7-20-93  
\_\_\_\_\_  
Date of Issuance

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

#### PERMIT CONDITIONS

1 of 2 This pipeline runs from Green River to Rock Springs; it is permitted as a long transmission line and not as a distribution line. It does not have the isolation valve spacing required for a distribution line, nor does it have the isolation valves that

Chapter XII of the Water Quality Rules and Regulations requires for distribution lines at stream crossings. The stream crossings are encased in steel or concrete, and the line is high pressure, therefore leaks will be readily detected to minimize cross contamination risks.

2 of 2 This permit should not be considered as an endorsement or commitment to the water treatment plant on the existing site. The DEQ has denied a permit application to expand the existing water treatment plant based upon the potential threat to the public health and safety. This permit should not be construed as acceptance of any violation of the Water Quality Rules and Regulations, nor as a waiver of any of these standards.

If the excavation for this pipeline encounters any soils contaminated with oil or hazardous substances, the DEQ Water Quality Division, Lander office should be contacted immediately.

rrt

Dept  
Water  
Permit  
Staff

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 93-253R  
\* **CONDITIONED** \*

**FAIRVIEW WATER SUPPLY PROJECT**  
(Name of Facility)

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

Fairview Water and Sewer District

c/o Robert Lee, Chairman

R.R. #1

Afton, WY 83110

to construct a 0.25 MG water storage tank, completion of existing well, and water transmission and distribution pipelines and services and meters according to the procedures and conditions of the application No. 93-253R. The facility is located in Sections 15, 10, and 3 T31N R 119W in the County of Lincoln, 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.

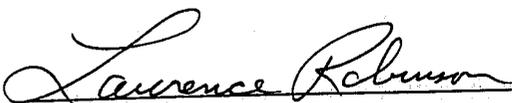
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

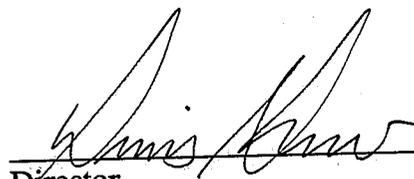
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

9-29-93  
\_\_\_\_\_  
Date of Issuance

This permit does not 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.

Permit to Construct #93-253  
Fairview Water Supply

2. of 4            The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4            Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
- a.            Date that construction of the facility was completed; and
  - b.            Date that the facility was placed in operation; and
  - c.            Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.            Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4            The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

RRT/nc 34528.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-253R

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.

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.

Statement of Basis  
93-253R

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*<sup>1</sup>

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 34528.LTR

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

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 93-254  
\* SPECIAL CONDITIONS \*

Grant Village Monitor Wells  
(Name of Facility)

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

National Park Service

ATTN: Tim Hudson

P.O. Box 168

Yellowstone National Park, WY 82190

to install a groundwater monitor wells according to the procedures and conditions of the application No. 93-254. The facility is located at latitude 44<sup>0</sup> 23' 20" longitude 110<sup>0</sup> 32' 25" 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.

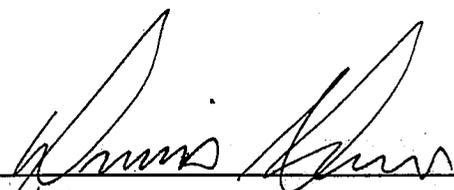
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

8-19-93  
\_\_\_\_\_  
Date of Issuance

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

### **SPECIAL CONDITIONS for MONITORING WELLS 1 through 13**

1. of 13 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.

Permit to Construct 93-254  
Grant Village Monitor Wells

2. of 13 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 13 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 13 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 13 The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 93-254. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
6. of 13 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
7. of 13 After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
8. of 13 A waterproof protective casing and locking cap is required on all monitoring wells. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the Division. The

wells shall be clearly numbered on the outside of the protective casing and on the inside of the well cap.

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

- a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;
- b. The screened interval shall extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level; Factory slotted casing is recommended for the perforated interval:
- c. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
- d. To minimize the entrance of fine grained material into the well the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval.
- e. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
- f. A minimum of one foot of bentonite or bentonite grout seal shall be placed directly above the filter pack and the top of perforations of the screened interval. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;
- g. A protective casing and locking cap is required. the protective casing shall be cemented into a sloping concrete cap; and
- h. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected. If contaminants are present or expected to be present, development water should be disposed of in accordance with all state and federal regulations.

10. of 13 DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.

11. of 13 All monitor wells associated with this facility shall be sampled and the groundwater analyzed yearly for the following listed parameters: pH, chloride temperature, specific conductivity NO<sub>3</sub> and NO<sub>2</sub> nitrogen, kjeldahl nitrogen.

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Permit to Construct 93-254  
Grant Village Monitor Wells

12. of 13 Proper monitoring well evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well 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 13 A copy of the annual ground and surface water monitoring report generated for this percolation pond site shall be submitted to the DEQ/WQD in Lander within 30 days of completion.

JH/jyi/nc 33881.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 93-254
- 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

Statement of Basis

93-254

August 17, 1993

- 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.

JH/jyi/nc 33881.LTR

**PERMIT TO CONSTRUCT**

New

Renewal

Modified

Permit No. 93-255

**\* SPECIAL CONDITIONS \***

**Old Faithful Monitor Wells**

(Name of Facility)

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

National Park Service

ATTN: Tim Hudson

P.O. Box 168

Yellowstone National Park, WY 82190

to install groundwater monitor wells according to the procedures and conditions of the application No. 93-255. The facility is located at latitude 44° 28' 43", longitude 110° 52' 25" 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.

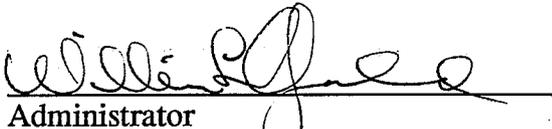
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

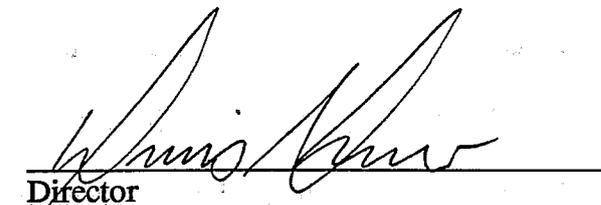
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

8-19-93  
\_\_\_\_\_  
Date of Issuance

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

**SPECIAL CONDITIONS for MONITORING WELLS 1 through 13**

1. of 13 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.

Permit to Construct 93-255  
Old Faithful Monitor Wells

2. of 13 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 13 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 13 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 13 The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number ~~93-255~~. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
6. of 13 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
7. of 13 After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.

8. of 13 A waterproof protective casing and locking cap is required on all monitoring wells. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the Division. The wells shall be clearly numbered on the outside of the protective casing and on the inside of the well cap.
9. of 13 In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:
- a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;
  - b. The screened interval shall extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level; Factory slotted casing is recommended for the perforated interval;
  - c. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
  - d. To minimize the entrance of fine grained material into the well the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval.
  - e. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
  - f. A minimum of one foot of bentonite or bentonite grout seal shall be placed directly above the filter pack and the top of perforations of the screened interval. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;
  - g. A protective casing and locking cap is required. the protective casing shall be cemented into a sloping concrete cap; and
  - h. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected. If contaminants are present or expected to be present, development water should be disposed of in accordance with all state and federal regulations.
10. of 13 DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.

Permit to Construct 93-255  
Old Faithful Monitor Wells

11. of 13 All monitor wells associated with this facility shall be sampled and the groundwater analyzed yearly for the following listed parameters: pH, chloride temperature, specific conductivity NO<sub>3</sub> and NO<sub>2</sub> nitrogen, kjeldahl nitrogen.
12. of 13 Proper monitoring well evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well 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 13 A copy of the annual ground and surface water monitoring report generated for this percolation pond site shall be submitted to the DEQ/WQD in Lander within 30 days of completion.

JH/jyi/nc 33882.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 93-255
- 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

Statement of Basis

93-255

August 17, 1993

- 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.

JH/jyi/nc 33882.LTR

**PERMIT TO CONSTRUCT**

New

Renewal

Modified

Permit No. 93-256

**\* SPECIAL CONDITIONS \***

**Madison Junction Monitor Wells**  
(Name of Facility)

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

National Park Service

ATTN: Tim Hudson

P.O. Box 168

Yellowstone National Park, WY 82190

to install groundwater monitor wells according to the procedures and conditions of the application No. 93-256. The facility is located at latitude 44° 38' 43", longitude 110° 52' 23" 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.

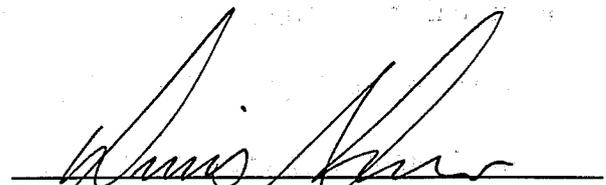
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

8-19-93  
\_\_\_\_\_  
Date of Issuance

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

**SPECIAL CONDITIONS for MONITORING WELLS 1 through 13**

1. of 13      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.

Permit to Construct 93-256  
Madison Junction Monitor Wells

2. of 13            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 13            Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a.            Date that construction of the facility was completed; and
  - b.            Date that the facility was placed in operation; and
  - c.            Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.            Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
  
4. of 13            The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
  
5. of 13            The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number ~~93-256~~. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
  
6. of 13            Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
  
7. of 13            After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well

has been plugged and abandoned, the owner shall file a plugging record with the WQD.

8. of 13

A waterproof protective casing and locking cap is required on all monitoring wells. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the Division. The wells shall be clearly numbered on the outside of the protective casing and on the inside of the well cap.

9. of 13

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

- a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;
- b. The screened interval shall extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level; Factory slotted casing is recommended for the perforated interval;
- c. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
- d. To minimize the entrance of fine grained material into the well the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval.
- e. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
- f. A minimum of one foot of bentonite or bentonite grout seal shall be placed directly above the filter pack and the top of perforations of the screened interval. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;
- g. A protective casing and locking cap is required. the protective casing shall be cemented into a sloping concrete cap; and
- h. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected. If contaminants are present or expected to be present, development water should be disposed of in accordance with all state and federal regulations.

Permit to Construct 93-256  
Madison Junction Monitor Wells

10. of 13 DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.
11. of 13 All monitor wells associated with this facility shall be sampled and the groundwater analyzed yearly for the following listed parameters: pH, chloride temperature, specific conductivity NO<sub>3</sub> and NO<sub>2</sub> nitrogen, kjeldahl nitrogen.
12. of 13 Proper monitoring well evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well 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 13 A copy of the annual ground and surface water monitoring report generated for this percolation pond site shall be submitted to the DEQ/WQD in Lander within 30 days of completion.

JH/jyi/nc 33883.LTR

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 93-256

### 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

Statement of Basis

93-256

August 17, 1993

- 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.

JH/jyi/nc 33883.LTR

**PERMIT TO CONSTRUCT**

New

Renewal

Modified

Permit No. 93-257

**\* SPECIAL CONDITIONS \***

**Fishing Bridge Monitor Wells**  
(Name of Facility)

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

National Park Service

ATTN: Tim Hudson

P.O. Box 168

Yellowstone National Park, WY 82190

to install groundwater monitor wells according to the procedures and conditions of the application No. 93-257. The facility is located at latitude 44° 34' 37" longitude 110° 22' 36" 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.

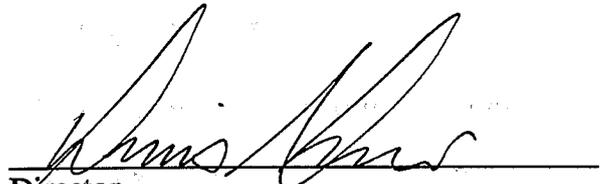
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

8-19-93  
\_\_\_\_\_  
Date of Issuance

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

**SPECIAL CONDITIONS for MONITORING WELLS 1 through 13**

1. of 13      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.

Permit to Construct 93-257  
Fishing Bridge Monitor Wells

2. of 13            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 13            Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a.            Date that construction of the facility was completed; and
  - b.            Date that the facility was placed in operation; and
  - c.            Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.            Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
  
4. of 13            The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
  
5. of 13            The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 93-257. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
  
6. of 13            Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
  
7. of 13            After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well

has been plugged and abandoned, the owner shall file a plugging record with the WQD.

8. of 13

A waterproof protective casing and locking cap is required on all monitoring wells. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the Division. The wells shall be clearly numbered on the outside of the protective casing and on the inside of the well cap.

9. of 13

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

- a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;
- b. The screened interval shall extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level; Factory slotted casing is recommended for the perforated interval;
- c. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
- d. To minimize the entrance of fine grained material into the well the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval.
- e. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
- f. A minimum of one foot of bentonite or bentonite grout seal shall be placed directly above the filter pack and the top of perforations of the screened interval. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;
- g. A protective casing and locking cap is required. the protective casing shall be cemented into a sloping concrete cap; and
- h. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected. If contaminants are present or expected to be present, development water should be disposed of in accordance with all state and federal regulations.

Permit to Construct 93-257  
Fishing Bridge Monitor Wells

10. of 13 DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.
11. of 13 All monitor wells associated with this facility shall be sampled and the groundwater analyzed yearly for the following listed parameters: pH, chloride temperature, specific conductivity NO<sub>3</sub> and NO<sub>2</sub> nitrogen, kjeldahl nitrogen.
12. of 13 Proper monitoring well evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well 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 13 A copy of the annual ground and surface water monitoring report generated for this percolation pond site shall be submitted to the DEQ/WQD in Lander within 30 days of completion.

JH/jyi/nc 33884.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-257

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

Statement of Basis

93-257

August 17, 1993

- 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.

JH/jyi/nc 33884.LTR

PERMIT TO CONSTRUCT

New

Permit No. 93-258

Renewal

**\*CONDITIONED\***

Modified

Corrective Action Plan, Little America, Wyoming  
(Name of Facility)

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

Sinclair Oil Company

Contact Craig Anderson (801) 524-2795

550 East South Temple, P.O. Box 30825

Salt Lake City, UT 84130-0825

to construct a series of test pits, monitor wells, and soil borings to delineate level and extent of contamination according to the procedures and conditions of the application No. 93-258. The facility is located in Little America proper 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.

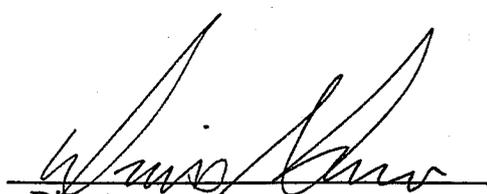
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

7/15/93  
Date of Issuance

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

### Conditions for Monitoring Wells

1. of 11      The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 93-258R. Additional wells meeting the requirements of the application this permit may be installed if prior approval is received from the Water Quality Division (WQD).
2. of 11      Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.
3. of 11      After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
4. of 11      A waterproof protective casing and locking cap is required on all monitoring wells. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the Division. The wells shall be clearly numbered on the outside of the protective casing and on the inside of the well cap.
5. of 11      The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial actions which may be required. Depending on the results of the subsurface contamination investigation, additional site investigations or remedial measures may be required by the WQD. An adequate number of wells shall be installed to define the extent of contamination.
6. of 11      In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:
  - a.      The borehole diameter shall be at least four inches larger in diameter than the casing diameter;

- b. The screened interval shall extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level; Factory slotted casing is recommended for the perforated interval;
  - c. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
  - d. To minimize the entrance of fine grained material into the well the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval;
  - e. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
  - f. A minimum of one foot of bentonite or bentonite grout seal shall be placed directly above the filter pack and the top of perforations of the screened interval. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;
  - g. A protective casing and locking cap is required. The protective casing shall be cemented into a sloping concrete cap; and
  - h. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected. If contaminants are present or expected to be present, development water should be disposed of in accordance with all state and federal regulations.
7. of 11 DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and sample collection so that DEQ/WQD personnel may be on-site if deemed necessary.
8. of 11 Within 90 days of issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
- a. A chronology of events leading up to the investigation;
  - b. A site map showing physical features, well locations and elevations;
  - c. The monitoring well elevation should be measured from the top of casing and that measuring point should be clearly marked on the inside of the casing with an arrow (^).
  - d. Final location, construction details and logs of all monitoring wells;

Permit to Construct  
Corrective Action Plan, Little America, Wyoming

Page 5

- e. Hydrogeologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
  - f. Water level and product thickness measurements;
  - g. Sample collection procedures;
  - h. Sampling analytical results;
  - i. Maps delineating the extent of the subsurface contamination including free product, soil and dissolved groundwater contamination and concentrations;
  - j. A potentiometric surface map showing the direction of groundwater movement; and
  - k. Interpretation of data and conclusions including recommended remedial measures.
9. of 11 Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
10. of 11 The results of any analyses conducted on soil or water removed from these wells or boreholes shall be provided to the department as soon as they are available.
11. of 11 Groundwater shall be collected and analyzed for the parameters listed in the workplan on a quarterly basis for the first year. Thereafter, the parameters and frequency of sampling may be re-evaluated by the DEQ/WQD at the request of the Permittee.

DG: \LAMERICA\93-258R.PC

PERMIT TO CONSTRUCT

New

PERMIT NO. 93-259

(See Attached Special Conditions)

Renewal

Modified

CASPER EMULSIFIED ASPHALT FACILITY MONITOR WELLS

(Name of Facility)

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

Wyoming Game and Fish Department  
5400 Bishop Boulevard  
Cheyenne, Wyoming 82006

to construct, install or modify groundwater monitor wells according to the procedures and conditions of the application No. 93-259. The facility is located in NE NE Section 24, Township 33 North, Range 80 West, in the County of Natrona in the State of Wyoming. This permit shall be effective for a period of six (6) months from the date of issuance of this permit.

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

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

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

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

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

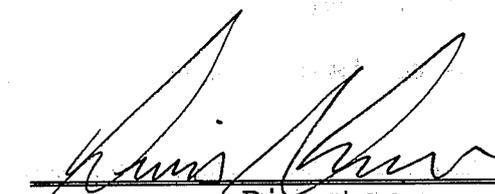
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division, the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: State of Wyoming, Department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

7/27/93  
\_\_\_\_\_  
Date of Issuance

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

DRM:7/23/93

SPECIAL CONDITIONS 1-16 FOLLOW

**Special Conditions to Permit Number 93-259**  
**Casper Emulsified Asphalt Facility Monitor Wells**

- 1 of 16. The groundwater monitor wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 93-259. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division (WQD).
- 2 of 16. Monitor well construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations (WWQRR). Monitor well casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells must be constructed from materials which have no potential to contaminate groundwater samples.
- 3 of 16. All downhole equipment shall be decontaminated between wells and/or borings to minimize the potential for cross-contamination.
- 4 of 16. 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.
- 5 of 16. Pursuant to WWQRR, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.
- 6 of 16. After the monitor wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of the WWQRR. 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 monitor well shall be abandoned without prior approval from the WQD.
- 7 of 16. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered using either a stamp to permanently engrave the number into the top or by writing the number in the concrete apron prior to curing.
- 8 of 16. The applicant is responsible for obtaining any Permits required by the State Engineers Office (777-7354).

**Special Conditions to Permit Number 93-259**  
**Casper Emulsified Asphalt Facility Monitoring Wells (Continued)**

- 9 of 16. The issuance of this permit does not relieve the site owner from obligations to complete the extent of contamination study and any further remedial actions which may be required. Depending on the results of the subsurface contamination investigation, additional site investigations or remedial measures may be required by the WQD. An adequate number of wells shall be installed to define the extent of contamination.
- 10 of 16. In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:
- a. The borehole diameter shall be at least four inches larger in diameter than the casing diameter.
  - b. The screened interval shall extend at least two feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level; Factory slotted casing is recommended for the perforated interval;
  - c. If PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
  - d. To minimize the entrance of fine grained material into the well the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval. The filter pack shall extend to one foot above the screened interval;
  - e. A bentonite or bentonite grout (minimum two foot (2') thickness) is required from the top of the filter pack to one foot below the ground surface to serve as an annular seal. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal. The remaining one foot of annular space shall be sealed with Portland cement or a sand-cement grout. A protective casing shall be cemented into place with the concrete apron sloping away from the casing;

**Special Conditions to Permit Number 93-259**  
**Casper Emulsified Asphalt Facility Monitoring Wells (Continued)**

- f. Filter pack, annular seal, and surface seal material shall be placed in the well in a manner such that bridging or voids will not occur;
  - g. A top and bottom cap of the same material as the well casing shall be installed to prevent sediment and surface water from entering the well;
  - h. The monitor well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
  - i. All monitor wells shall be designed to contain a minimum of three feet of water at all times;
- 11 of 16. DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and sample collection so that DEQ/WQD personnel may be on-site if deemed necessary.
- 12 of 16. Within 45 days of monitor well installation and sampling, a report on the subsurface investigation shall be submitted to the DEQ/WQD at 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801. This report shall contain at a minimum:
- a. A site map showing physical features, well locations and elevations;
  - b. The permittee shall provide the exact latitude and longitude for each of the monitor wells being constructed under this permit. These figures shall be accurate to the nearest on second of latitude and longitude.
  - c. Final location, construction details and logs of all monitor wells;
  - d. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
  - e. Water level and product thickness measurements;
  - f. Sample collection procedures;
  - g. Sampling analytical results;
  - h. A potentiometric surface map showing the direction of groundwater movement; and

**Special Conditions to Permit Number 93-259**  
**Casper Emulsified Asphalt Facility Monitoring Wells (Continued)**

i. Maps showing the plumes of dissolved and free phase contaminants.

13 of 16. Proper well evacuation shall include removal of a minimum of 3 casing volumes prior to sampling or pumping the well dry once, whichever occurs first. The exception being in cases where a layer of non-aqueous phase liquid (NAPL) is detected. If a layer of NAPL is detected, the thickness of the layer will be measured and recorded. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.

14 of 16. All monitor wells associated with this facility shall be sampled and the wastewater analyzed quarterly for the following listed parameters:

EPA Method 8015 (with purge and trap) for TPH.  
EPA Methods 601/602 (or approved alternate) for volatile and chlorinated hydrocarbons.

The results of these analyses shall be submitted as stated in item #12 above. Upon submittal and review of the results of the analyses, the sampling schedule and/or parameter list may be amended.

15 of 16. Water collected during monitor well development or sampling must be disposed of properly. The Applicant must contact the appropriate agency prior to disposal. The fate of any free phase liquids taken from the monitoring wells must be stated in the report as required under item #12.

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

cc: Joe Carlisle, DEQ/WQD-UST, Sheridan

PERMIT TO CONSTRUCT

New

PERMIT NO. 93-260

Renewal

(SEE SPECIAL PERMIT CONDITIONS)

Modified

NORTH BURLINGTON SUBDIVISION SEWER AND WATER EXTENSIONS

(Name of Facility)

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

Larry's Inc.  
2020 Schoonover Road  
Gillette, Wyoming 82716

to construct, install or modify sewer collection and water distribution line extension facilities according to the procedures and conditions of the application No. 93-260. The facility is located in the NE/4, Section 27, Township 51 North, Range 82 West, in the County of Johnson in the State of Wyoming. This permit shall be effective for a period of one (1) year (two (2) years maximum) from the date of issuance of this permit.

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

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

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

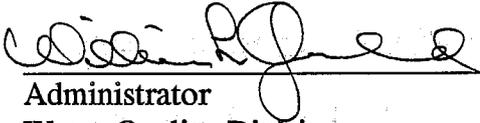
parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

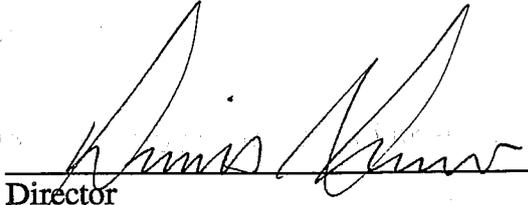
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

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

AUTHORIZED BY:

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

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

8-27-93  
\_\_\_\_\_  
Date of Issuance

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

**SPECIAL PERMIT CONDITIONS**

- 1 of 5. The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division, the day construction commences and give an estimate of completion of the project on the attached post card. The authorized representative in your area can be contacted at the following address: Wyoming DEQ/WQD, Sheridan District Office, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.
- 2 of 5. The permittee shall provide immediate oral and/or written notification, in accordance with Section 9, Chapter III, to the Sheridan District Office of any changes or modifications to the approved permit package.

**Permit #93-260**

**North Burlington Subdivision Sewer and Water Extensions**

- 3 of 5. Within sixty days of completion of construction of the authorized facility, the applicant will submit to Sheridan District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
- a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 5. The review and approval of this permit is based upon the items identified in the attached Statement Of Basis.
- 5 of 5. When the hydraulic load on the 6 inch line downstream of the new 8 inch line reaches capacity, no more service connections shall be allowed upgradient of this location until such time the 6 inch line is upgraded to handle the load.

JAS/DRM/pr: 08/18/93 /nc 33971.LTR

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

## STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-260

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

A. Chapter XI. Yes

B. Chapter XII. Yes

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

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

No

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

Yes

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

No

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

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

Chapter XII, Section 14(b), Chapter XI, Part B, Section 9(c) and (d).

B. Briefly state the basis for the deviation.

Chapter XII, Section 14 (b)(ii) requires that the minimum size of a watermain for providing fire protection and serving fire hydrants be 6 inches in diameter where the maximum length of 6 inch pipe serving the hydrant from 1 direction does not exceed 250 feet. A deviation is being granted because the system analysis information demonstrates that the withdrawal of the required fire flows can be done while maintaining the minimum residual pressure of 20 psi even

Permit #93-260

North Burlington Subdivision Sewer and Water Extensions

though the maximum length of 6 inch pipe serving the hydrant from one direction exceeds 250 feet.

Chapter XI, Part B, Section 9 (c)(i)(B) states 6 inch sewers may be used in cul-de-sacs or dead end locations where the sewer cannot be extended in the future. The six inch line is being allowed because elevation differences will not allow it to be extended, in the future, to the existing manhole (to the southwest), nor is extension necessary because the lots further to the southwest are already developed and are already connected to existing city sewer.

Chapter XI, Section 9 (c)(i)(E) states sewer pipe size shall not be decreased in the direction of flow. The deviation to tie the new eight inch line into an existing 6 inch line is being allowed. The 6 inch line should handle the projected flow with no apparent problems, additional development to the North is not anticipated, and it is being stipulated that if there is any future development in this area, the division reserves the authority to require that the size of the existing 6 inch line be changed.

Chapter XI, Section 9(d)(i) states that the maximum manhole spacing for 15 inch line or less be at 400 feet. A variance is being allow because the City of Buffalo has the capability and equipment to clean up to 500 feet between manholes which will adequately cover the manhole spacing of 462 feet.

- 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. 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.

PERMIT TO CONSTRUCT

New

PERMIT NO. 93-261

Renewal

Modified

HAIST RANCH SEPTIC SYSTEM

(Name of Facility)

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

Herb Haist  
P.O. Box 706  
Sundance, WY 82729

to construct, install or modify a wastewater treatment facility according to the procedures and conditions of the application No. 93-261. The facility is located in the SE/4, Section 21, Township 52 North, Range 66 West, in the County of Crook in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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 Supervisor, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 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 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

7/27/93  
\_\_\_\_\_  
Date of Issuance

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

JAS: 07/23/93

PERMIT TO CONSTRUCT

New

PERMIT NO. 93-262

Renewal

Modified

GANTZ HOMESTEAD SEPTIC SYSTEM

(Name of Facility)

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

Joe Gantz  
501 Mona Road  
Alva, WY 82711

to construct, install or modify a wastewater treatment facility according to the procedures and conditions of the application No. 93-262. The facility is located in the SE/4 SE/4, Section 32, Township 56 North, Range 63 West, in the County of Crook in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

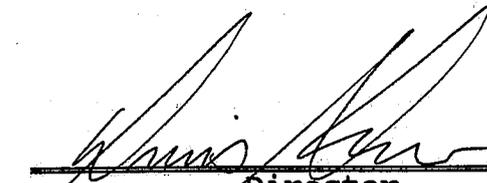
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division, the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Supervisor,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

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AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

7/27/93  
\_\_\_\_\_  
Date of Issuance

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

JAS :07/23/93

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 93-263  
\* CONDITIONED \*

Fir Creek Ranch  
(Name of Facility)

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

Roger Altman

% P.O. Roger Rink

P. O. Box 190

Moran, WY 83013

to construct the in-situ sparging/bioremediation system at the Fir Creek Ranch according to the procedures and conditions of the application No. 93-263. The facility is located in NW¼, SE¼ and NE¼, SW¼, Section 23, T45N, R113W in the County of Teton, 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 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.

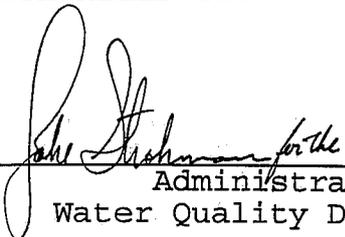
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

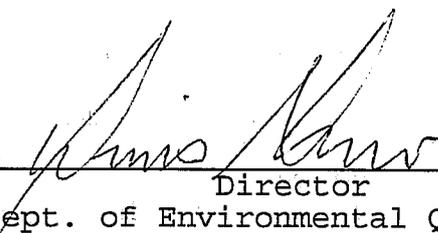
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

8-31-93  
\_\_\_\_\_  
Date of Issuance

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

DN/jyi/b

**GROUNDWATER SECTION REVIEW**

**WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION**

250 Lincoln Street  
Lander, Wyoming 82520  
(307) 332-3144

**PROJECT:** Fir Creek Ranch, Moran (Petroleum contamination from unregulated UST)

**APPLICANT:** Mr. Roger Altman  
c/o Mr. Roger Rink  
P.O. Box 190  
Moran, WY 83013

**WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER:** 93-263

**TITLE:** PERMIT TO CONSTRUCT - FIR CREEK RANCH IN-SITU BIOREMEDIATION SYSTEM

PROPOSAL                       PLANS                       REPORT (Check each that applies)

**DATE ON PROPOSAL/PLANS/REPORT:** 7/14/93

**IS THIS PROPOSAL SUBMITTED PURSUANT TO 'CONDITIONS' TO THE ABOVE PERMIT?**

YES                       NO

**REVIEWING GEOLOGIST:** Don Newton, P.G.

**REVIEWING ENGINEER:** Scott Forister, P.E.

**DATE OF LAST REVIEW:** NA

**DATE OF THIS REVIEW:** 8/30/93

**ACTION:** AUTHORIZED

**COMMENTS:** GROUNDWATER SECTION

**1.0 SUMMARY OF EXISTING CONTAMINATION:**

The 320 acre ranch on the Buffalo Valley road has two unregulated USTs, 4,000 gallon fuel oil and a 1,000 gallon gasoline, that are the apparent source of groundwater and surface water

contamination. A surface seep in the hillside adjacent to the man-made pond is an apparent groundwater seep that shows a petroleum sheen.

## **2.0 CONCLUSION OF ADEQUACY OF WORK COMPLETED TO DATE:**

### **2.1 Extent of Contamination Study (Inberg-Miller)**

In July 1991, an EOC study was completed involving nine soil borings, the installation of six monitoring wells, and sampling of soil and water. This study indicated that the fuel oil tank was leaking and, possibly, the gasoline tank was leaking. The presence of "lighter" hydrocarbons would suggest the gasoline tank has contributed to the existing contamination.

### **2.2 Treatability Study (J.B. Plunkett)**

The treatability study consisted of: aquifer pump test, groundwater monitoring and bioremediation bench scale test. The pump test determined that the use of groundwater recovery as a remedial process would have limited success due to the high seasonal fluctuation in groundwater and low aquifer turnover rate. The bioremediation bench scale studies indicated adequate microbial populations in both soil and groundwater for hydrocarbon degradation with oxygen being the only limiting factor.

## **3.0 REQUEST/REQUIREMENTS/RECOMMENDATIONS:**

### **3.1 Recommendations**

The Department is in agreement with the preferred alternative presented in the Remedial Action Work Plan submitted by J.B. Plunkett Associates, Inc. on behalf of the Fir Creek Ranch. Construction of the remedial system should be immediately.

### **3.2 System Modifications**

The Proposed Final Design Modifications in a letter to Scott Forister dated August 26, 1993, were approved by Mr. Forister. These modifications are as follows:

**3.21** The installation of additional sparging wells nested with shallower sparging wells, or placing screens at a lower depth. This will afford year round sparging of the groundwater and not just passive soil treatment during seasonal low water levels.

**3.22** Condensate blow-off nozzles will not be placed in several locations due to concerns of the design engineer.

xc: Rich Truax, J.B. Plunkett Associates, Inc.  
Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne  
File: Fir Creek Ranch, Moran, Teton Co.  
File: 1993 Northwest District GW Review Forms

PERMIT TO CONSTRUCT

X     New  
       Renewal  
       Modified

PERMIT NO. 93-264

Darnell Place

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities  
2100 Pioneer

Cheyenne, WY 82001

to construct, install or modify wastewater facility according to the procedures and conditions of the application number 93-264. The facility is located in NW 1/4 Section 27, T14N, R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (5 years maximum) 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.

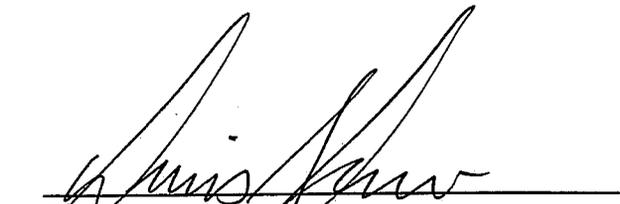
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineer,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

7-20-93  
\_\_\_\_\_  
Date of Issuance

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

GLS/mad 33378.LTR

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 93-266R  
\* **CONDITIONED** \*

**Cache Creek Drive Waterline Replacement**  
(Name of Facility)

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

Town of Jackson

Robert McLaurin, Town Administrator

P.O. Box 1687

Jackson, WY 83001

to construct a twelve (12) inch diameter, and six (6) inch diameter waterline according to the procedures and conditions of the application No. 93-266R. The facility is located in Sections 34 & 35, 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.

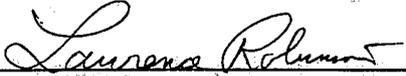
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

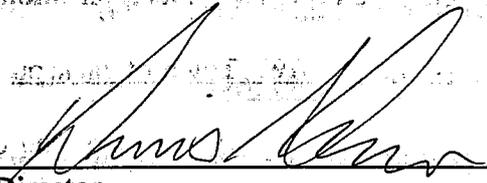
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

9-13-93  
Date of Issuance

This permit does not 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.

Permit to Construct #93-266R  
Cache Creek Drive Waterline Replacement

2. of 4            The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
  
3. of 4            Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a.            Date that construction of the facility was completed; and
  - b.            Date that the facility was placed in operation; and
  - c.            Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.            Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
  
4. of 4            The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

GL/nc 34228.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-266R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. N/A

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

Statement of Basis  
93-266R

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 34228.LTR

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 93-267R  
\* **CONDITIONED** \*

**Shadow Mountain Water and Sewer**  
(Name of Facility)

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

**Shadow Mountain Inc.**

**John P. Hauser**

**P.O. Box 82**

**Wapiti, WY 82450**

to construct new water and sewer mains for the Shadow Mountain Subdivision according to the procedures and conditions of the application No. 93-267R. The facility is located in Sections 33 & 34, T53N, R101W, Town 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.

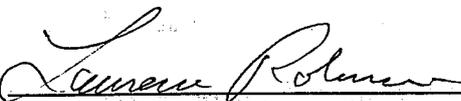
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

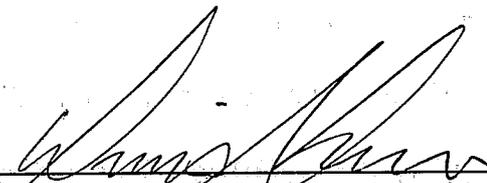
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

9-13-93  
Date of Issuance

This permit does not 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.

Permit to Construct #93-267  
Shadow Mountain Water and Sewer

2. of 4            The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
  
3. of 4            Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a.            Date that construction of the facility was completed; and
  - b.            Date that the facility was placed in operation; and
  - c.            Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.            Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
  
4. of 4            The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

GL/nc 34232.LTR

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 93-267R

### 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

Statement of Basis  
93-267R

- 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 34232.LTR

## PERMIT TO CONSTRUCT

New

Permit No. 93-268

Renewal

Modified

### Elkrun Development - Phase II

(Name of Facility)

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

Teton Capital LLC.

Ron Saypol, Mgr.

Box 1027

Jackson, WY 83001

to install an 8 inch sewer collection line (approx. 375 feet) according to the procedures and conditions of the application No. 93-268. The facility is located in Section 32, T41N, R116W, Town of Jackson, WY 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

8-3-93  
\_\_\_\_\_  
Date of Issuance

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

GL/nbs

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 93-269  
\* **CONDITIONED** \*

Meeteetse Water and Sewer Highway Crossings  
(Name of Facility)

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

Town of Meeteetse

John Landon, Mayor

P.O. Box 38

Meeteetse, WY 82433

to construct two (2) 6" water line crossings and one (1) 8" sewer crossing according to the procedures and conditions of the application No. 93-269. The facility is located in Section 4, T48N, R100W, Town of Meeteetse, 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.

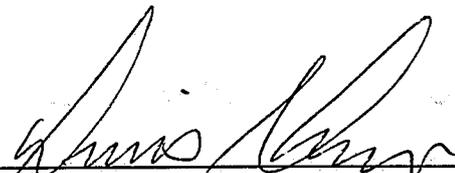
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

9-1-93  
\_\_\_\_\_  
Date of Issuance

This permit does not 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.

Permit to Construct #93-269  
Meeteetse Water and Sewer Highway Crossings

2. of 4            The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
  
3. of 4            Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a.            Date that construction of the facility was completed; and
  - b.            Date that the facility was placed in operation; and
  - c.            Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.            Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
  
4. of 4            The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

GL/nc 34044.LTR

STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 93-269
- 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

Statement of Basis  
93-269

- 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 34044.LTR

PERMIT TO CONSTRUCT

New

Permit No. 93-270

Renewal

Modified

Wilkinson - Septic Tank/Leach Field  
(Name of Facility)

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

Troy and Sherri Wilkinson

3411 Rimrock Rd

Greybull, WY 82426

to construct a septic tank and leach field according to the procedures and conditions of the application No. 93-270. The facility is located in NE1/4, NW1/4, Section 9, T52N, R93W in the County of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

7-28-93

Date of Issuance

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

GL/nbs/nc 33503.LTR

LAND APPLICATION PERMIT

- New  
 Renewal  
 Modified

PERMIT NO. 93-271

SEE SPECIAL CONDITIONS

DILLINGER ROAD APPLICATION

(Name of Facility)

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

Kissack Water & Oil Service Inc.  
P.O.Box 9  
Rozet, WY 82727

to land apply waste oil according to the procedures and conditions of the application No. 93-271. The application site is located in Section 11, 13, & 14 T47N, R69W in the County of Campbell in the State of Wyoming. This permit shall be effective until November 1, 1993.

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 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.

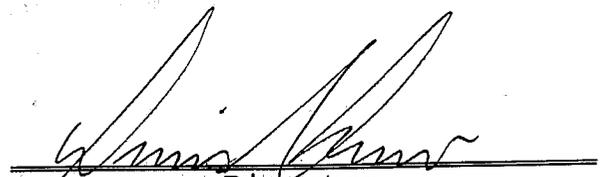
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the application site, at the above location, for the purpose of compliance with the provisions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

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

8-27-93  
\_\_\_\_\_  
Date of Issuance

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

DRM/rk/b:08/10/93

SPECIAL CONDITIONS

- 1 of 10. 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 10. 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 to the approved permit package.
- 3 of 10. The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Sheridan District Office on the attached Certification Of Completion form.
- 4 of 10. The permittee shall submit a contour map depicting only those sections of road that actually received reserve pit water within sixty (60) days of the project completion to the Sheridan District Office.

**Special Permit Conditions**  
**Permit 93-271**

- 5 of 10. The review and approval of this permit is based upon the items identified in the attached Statement Of Basis.
- 6 of 10. The waste oil shall be incorporated into the roadbed by first ripping and then grading the road down the center, resulting in a windrow of roadbed material on each side of the road, placing the waste oil between the windrows, and working the waste oil and roadbed material back and forth across the road until a uniform distribution is achieved.
- 7 of 10. Waste oil application shall not be initiated during the spring runoff period or at times when saturated soil conditions exist. Waste oil shall not be applied during the period from November 1 to April 10.
- 8 of 10. The application site slope shall not exceed eight percent (8%) for vehicular application.
- 9 of 10. Waste oil application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 10 of 10. Based upon the condition of the road sections, this shall be the last application of waste material, unless future inspection by the DEQ/WQD and/or road bed analysis indicates additional material can be applied.

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-271

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

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

No

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

No

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

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

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

B. Briefly state the basis for the deviation.

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

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

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

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

Applicable

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

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the waste oil into the roadbed. Repeated applications of waste oil to the same sections of road will be monitored by roadbed analyses.

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

LAND APPLICATION PERMIT

- [X] New  
[ ] Renewal  
[ ] Modified

PERMIT NO. 93-272

SEE SPECIAL CONDITIONS

KUEHNE ROAD APPLICATION

(Name of Facility)

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

Kissack Water & Oil Service Inc.  
P.O.Box 9  
Rozet, WY 82727

to land apply waste oil according to the procedures and conditions of the application No. 93-272. The application site is located in Section 18 T51N R69W and Sections 13 & 25 T51N R70W in the County of Campbell in the State of Wyoming. This permit shall be effective until November 1, 1993.

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 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.

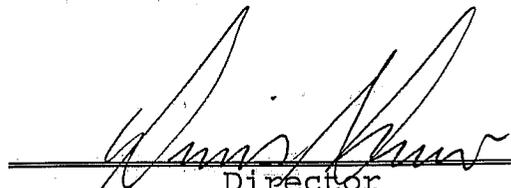
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the application site, at the above location, for the purpose of compliance with the provisions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

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

8-27-93  
\_\_\_\_\_  
Date of Issuance

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

DRM/pr/b:08/18/93

SPECIAL CONDITIONS

- 1 of 10. 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, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801, telephone number 307/672-6457.
- 2 of 10. 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 to the approved permit package.
- 3 of 10. The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Sheridan District Office on the attached Certification Of Completion form.
- 4 of 10. The permittee shall submit a contour map depicting only those sections of road that actually received reserve pit water within sixty (60) days of the project completion to the Sheridan District Office.

**SPECIAL PERMIT CONDITIONS**  
**Permit 93-272**

- 5 of 10. The review and approval of this permit is based upon the items identified in the attached Statement Of Basis.
- 6 of 10. The waste oil shall be incorporated into the roadbed by first ripping and then blading the road down the center, resulting in a windrow of roadbed material on each side of the road, placing the waste oil between the windrows, and working the waste oil and roadbed material back and forth across the road until a uniform distribution is achieved.
- 7 of 10. The application of waste oil shall not be initiated during the spring runoff period or at times saturated soil conditions exist. Waste oil shall not be applied during the period from November 1 to April 10.
- 8 of 10. The application site slope shall not exceed eight percent (8%) for vehicular application.
- 9 of 10. Waste oil application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 10 of 10. Based upon the condition of the road sections located in Section 18 T51N R69W and Section 13 T51N R70W this shall be the last application of waste material, unless future inspection by the DEQ/WQD and/or road bed analysis indicates additional material can be applied.

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

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 93-272
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- No
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- There are no numeric standards or criteria in Chapter XI for road application. W.S. 35-11-301 (a) (iii) requires a permit to be issued when any disposal system capable of causing or contributing to pollution is constructed, installed, modified, or operated.
- B. Briefly state the basis for the deviation.
- Road application is permitted when DEO authorized disposal facilities are not readily available, a beneficial use of the waste to be applied is possible, and significant impact to waters of the State is minimized.
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

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

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

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

**PERMIT TO CONSTRUCT**

- New
- Renewal
- Modified

Permit No. 93-273R  
\* **CONDITIONED** \*

**GROVER WATER SUPPLY PROJECT**  
(Name of Facility)

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

Grover, Wyoming Water & Sewer District

c/o Derrell Andersen

P.O. Box 44

Grover, WY 83122

to construct a 0.25 MG concrete water tank, transmission pipelines, distribution pipelines, service connections, and meters facility according to the procedures and conditions of the application No. 93-273R. The facility is located in Sections 6, 1, 32, and 33 Townships 32N, 32N, 33N, and 33N respectively, in Ranges 118W, 119W, 118W and 118W respectively 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.

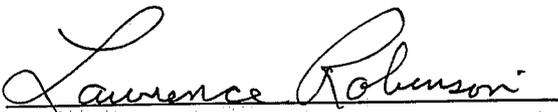
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

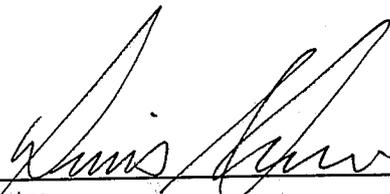
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

9-28-93  
Date of Issuance

This permit does not 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.

Permit to Construct #93-273  
Grover Water Supply Project

2. of 4            The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
  
3. of 4            Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a.            Date that construction of the facility was completed; and
  - b.            Date that the facility was placed in operation; and
  - c.            Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.            Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
  
4. of 4            The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

RRT/nc 34539.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-273R

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.

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.

Not Applicable

Statement of Basis  
93-273R

- 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/nc 34539.LTR

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 93-274R  
\* **CONDITIONED** \*

**Seaver - Septic Tank/Leach Field**  
(Name of Facility)

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

Hugh Seaver

305 Buffalo Creek

Thermopolis, WY 82443

to construct a residential septic tank and leach field according to the procedures and conditions of the application No. 93-274R. The facility is located in Sections 11 & 13, T43N, R95W, Town of Thermopolis, 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.

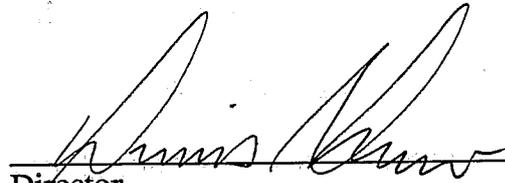
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

8-27-93  
\_\_\_\_\_  
Date of Issuance

This permit does not 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.

Permit to Construct 93-274  
Seaver - SWTF

2. of 4            The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4            Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
- a.            Date that construction of the facility was completed; and
  - b.            Date that the facility was placed in operation; and
  - c.            Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.            Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4            The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

GL/nc 33959.LTR

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 93-274R
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. Yes
- B. Chapter XII. N/A
- 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.
- No

Statement of Basis  
Seaver - SWTF  
August 23, 1993

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 33959.LTR

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 93-275  
\* **CONDITIONED** \*

**Bomber's Bump-N-Grind Sewer**  
(Name of Facility)

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

TMB Corporation

Thomas Bryan, President

P.O. Box 30491

Jackson, WY 83001

to construct a grease trap and sewer connection according to the procedures and conditions of the application No. 93-275. The facility is located in Section 33, 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

8-19-93  
\_\_\_\_\_  
Date of Issuance

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

GL

STANDARD CONDITIONS 1 through 4

- 1 of 4      The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
  
- 2 of 4      The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

- 3 of 4      Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
- a.    Date that construction of the facility was completed; and
  - b.    Date that the facility was placed in operation; and
  - c.    Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.    Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4      The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

## STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 93-275
- II. Application reviewed for compliance with the following regulations.
  - A. Chapter XI. Yes
  - B. Chapter XII. N/A
- 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  
Note: Permit issued for grease trap. Four (4) inch connection (existing) has been shown by Engineer/Owner to be sufficient for intended use.
  - 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

Statement of Basis  
93-275  
August 13, 1993

- 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 (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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July 14, 1995

Mr. J.A. Deschamp  
Environmental Specialist  
Amoco Production Company  
P.O. Box 10  
Midwest, WY 82643

**Re: Application for WQD Permit #93-276  
Containment of Hydrocarbon Seep (SW/4 25-T40N-R79W)  
Natrona County, WY**

Dear Mr. Deschamp:

The Water Quality Division (WQD) has reviewed the referenced application for a Permit to Construct. Comments, recommendations and/or additional requirements are summarized on the enclosed Groundwater Pollution Control (GPC) Program review form.

Please contact Mr. Phil Stump, WDEQ/WQD, Cheyenne (777-7781) should you have any questions regarding this review.

Sincerely,

*Phillip Stump*  
Phillip Stump, P.E.  
Senior Environmental Analyst

PS/mad 52937.LTR

Enclosure: Permit to Construct  
GPC Program Review Form  
Wyoming Water Quality Rules & Regulations, Chapter XI, Part G

cc: Mr. Bradford Shaffer, Worthington, Lenhart and Carpenter, Inc.  
Mr. Don Fischer, WQD/Sheridan

# PERMIT TO CONSTRUCT

X New  
Renewal  
Modified

PERMIT NO. 93-276  
SPECIAL CONDITIONS

## Interceptor Trench - Salt Creek Single-Lane Bridge Oil Seep

This permit hereby authorizes the applicant:

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

to construct, install or modify the interceptor trench according to the procedures and conditions of the application number 93-276. The facility is located in SW/4 Section 25-T40N-R79W in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of (5) five years from the date of issuance of this permit.

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

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

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

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

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

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

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

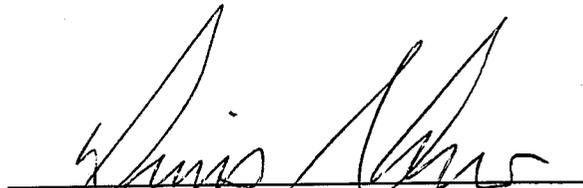
The permittee shall construct and operate the permitted facility in accordance with the state representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

1. of 6 As proposed in the application letter, the collection system shall be checked on a weekly basis. If hydrocarbons are identified in the riser, the collection system shall be pumped and the total quantity of pumped water and oil shall be estimated.
2. of 6 On a monthly basis, a sample shall be taken from the riser prior to initiating pumping activities. The sample shall be analyzed for oil and grease and the quantities of pumped oil and water shall be estimated from the oil/water ratio.
3. of 6 Amoco shall submit an annual report on August 1 of each year. The report shall document the following: weekly inspections for hydrocarbons in the riser, pumped quantities of oil and water, oil and grease analysis, records of any maintenance performed such as flushing the system, and any problems encountered during the previous year. Please mail the annual report to the following: Northeast District Supervisor, G.P.C. Program, WDEQ/WQD, 2161 Coffeen Avenue, Sheridan, WY, 82802.
4. of 6 On a monthly basis, Amoco shall walk the south bank of Salt Creek near the single-lane bridge to make visual observations for oil seepage. The annual report shall contain documentation from these periodic inspections.
5. of 6 Amoco shall not discontinue any of the operations and sampling described above, unless the changes are pre-approved by the Water Quality Division. The annual report shall include recommendations for any modifications or changes in the operation of the system.

AUTHORIZED BY:

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

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

7-17-95  
\_\_\_\_\_  
Date of Issuance

PBS/mad 52936.LTR

cc: Douglas Alan Barker, Worthington, Lenhart, and Carpenter, Inc.

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

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

PROJECT:           **Interceptor Trench - Single-Lane Bridge Oil Seep**

APPLICANT:       **Mr. J.A. Deschamp  
Amoco Production Company  
P.O. Box 10  
Midwest, WY 82643**

ENGINEER/  
CONSULTANT:      **Douglas Barker & Bradford Shaffer  
Worthington, Lenhart & Carpenter  
632 S. David  
Casper, WY 82601**

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER:       **93-276**

EXISTING    NEW                             AS BUILT

TITLE:            **Letter and Plans of May 9, 1995**

PLANS            SPECS                    PROPOSAL            REPORT

DATE ON PROPOSAL/PLANS/REPORT:   **May 9, 1995**

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

'CONDITIONS' TO ANY WQD PERMIT?    NO    YES

AN LOV, NOV OR OTHER ENFORCEMENT?    NO    YES   [ August  
16, 1993]

REVIEWING ENGINEER:   Phillip Stump, Senior Environmental Analyst

DATE OF THIS REVIEW:   **July 14, 1995**

ACTION:            **AUTHORIZED FOR CONSTRUCTION**

## **COMMENTS: GROUNDWATER SECTION**

### **I. SUMMARY OF EXISTING CONTAMINATION:**

A seep has been observed along the south bank of the Salt Creek at the single-lane bridge that is south of Midwest. The source of this seep has not been documented, although existing literature indicates that early, naturally occurring hydrocarbon seeps have been documented in the area. No attempt has been made to define the nature and extent of contamination.

### **II. CONCLUSION OF ADEQUACY OF WORK COMPLETED TO DATE:**

Amoco excavated a temporary trench along the bank at the seep location. Amoco also installed a 6.5 ft. diameter corrugated steel pipe about 30 ft. from the bank. The pipe was installed vertically as a recovery well. Amoco has been using a vac truck to remove free product from the trench excavation and the recovery well. No records of the removed volumes of water and oil have been kept. A permit to construct from the Water Quality Division (WQD) was not obtained for the installation of the recovery well.

Since the source of the seep has not been verified (i.e., naturally occurring or not), Amoco plans to install the most cost effective system to contain the significant seeping that is occurring near the single-lane bridge. Minor oil seeps may be occurring along the south bank further upriver from the bridge.

### **III. REQUESTS/REQUIREMENTS/RECOMMENDATIONS:**

1. Since the recovery well is not permitted, it will need to be properly abandoned. Amoco may want to install a monitoring well at this location at the time of abandonment. The monitoring well construction and the abandonment of the recovery well shall adhere to the enclosed Chapter XI, Part G, requirements.
2. The wellhead locations of the risers and any monitoring wells installed in the area should be protected from damage by heavy machinery and trucks.
3. WDEQ authorizes the installation of the interceptor trench with the issuance of the enclosed Permit to Construct.
4. On July 10, 1995, Mr. J.A. Deschamp acknowledged and agreed to the Special Conditions attached to Permit to Construct No. 93-276.

**END OF REVIEW**

THE STATE



OF WYOMING

MIKE SULLIVAN  
GOVERNOR



## Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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February 18, 1994

Mr. J.A. Deschamp  
Environmental Specialist  
Amoco Production Company  
P.O. Box 10  
Midwest, WY 82643

**Re: Application for WQD Permit #93-276:  
Containment of Hydrocarbon Seep (SW/4 25-T40N-R79W) Natrona County, WY**

Dear Mr. Deschamp:

The Water Quality Division (WQD) has reviewed the referenced application for a Permit to Construct. Comments, recommendations and/or additional requirements are summarized on the enclosed Groundwater Pollution Control (GPC) Program review form.

Please contact Mr. Phil Stump, WDEQ/WQD, Cheyenne (777-7781) should you have any questions regarding this review.

Sincerely,

Kevin D. Frederick, P.G.  
Supervisor  
Groundwater Pollution Control Program

KDF/PS/jn - 40824.ltr

cc: File: GPC Review Forms  
Mr. Collin Cunningham, Worthington, Lenhart and Carpenter  
Mr. Don Fischer, WQD  
Mr. Phil Stump, WQD

enclosure: GPC Program Review Form

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

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

PROJECT: Salt Creek Oilfield: Hydrocarbon Seep Containment (Interceptor Trench and Extraction Well)

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

ENGINEER/  
CONSULTANT: Collin Cunningham  
Worthington, Lenhart & Carpenter  
632 S. David  
Casper, WY 82601

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 93-276

EXISTING  NEW  AS BUILT

TITLE: Letters of July 9, 1993 and January 10, 1994

PLANS  SPECS  PROPOSAL  REPORT

DATE ON PROPOSAL/PLANS/REPORT: July 9, 1993  
January 10, 1994

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

'CONDITIONS' TO ANY WQD PERMIT?  NO  YES

AN LOV, NOV OR OTHER ENFORCEMENT?  NO  YES [August  
16, 1993]

REVIEWING GEOLOGIST:

Karin D. Ludwede, P.E.

REVIEWING ENGINEER:

Phillip Stump

DATE OF THIS REVIEW: February 11, 1994

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

## COMMENTS: GROUNDWATER SECTION

### I. SUMMARY OF EXISTING CONTAMINATION:

Contamination of groundwater and surface water (Salt Creek) has been occurring as discharge from a hydrocarbon seep. The source of this seep has not been documented, although existing literature indicates that early, naturally occurring hydrocarbon seeps have been documented in the area. No attempt has been made to define the nature and extent of contamination.

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

Amoco had proceeded to install portions of a containment system without first obtaining a WDEQ/WQD Permit to Construct. As mentioned in Mr. Don McKenzie's letter of August 16, 1993, an interceptor trench and recovery well had been installed (but not operated) to contain the migration of hydrocarbon into the Salt Creek. Amoco has been using a vac truck to remove free-floating hydrocarbon from the trench excavation. According to Amoco's letter of August 27, 1993 the majority of the system is yet to be installed.

The design specifications for the proposed pump, together with a proposed Operations and Maintenance manual and Annual Report were submitted to WDEQ/WQD in Amoco's letter of January 10, 1994.

### III. REQUESTS/REQUIREMENTS/RECOMMENDATIONS:

Pursuant to Wyoming Water Quality Rules and Regulations, Chapter III, Section 6, the following items need to be submitted with applications for a Chapter III Permit to Construct:

- A. Three copies of plans, specifications, design data, environmental monitoring plan, and other pertinent information included as part of the application materials.
- B. "All plans and specifications submitted shall carry the seal or signature of the designing engineer in accordance W.S. 33-29-101 through 33-29-113." Professional Engineers are required to design groundwater containment or remediation/treatment systems (i.e., interceptor trenches, extraction wells, etc.). The P.E.'s stamp shall appear on the title page of application report and on any unbound drawings or maps.

Amoco must submit the following information in order to obtain WDEQ/WQD authorization of a Permit to Construct to complete the construction and installation of the underdrain and extraction well:

(NOTE: Submit engineering drawings that are scaled to show sufficient details. Specifications for all materials such as piping, electrical equipment, pump controllers, liquid level detectors, tanks, valves, flow and pressure meters, etc., shall be identified on engineering plans/drawings and copies of manufacturers' specification sheets shall be submitted.)

1. **Extraction Well:**

a. 'As-built' construction detail, illustrating:

- (1) diameter of extraction well casing;
  - (2) diameter of wellbore;
  - (3) depth of wellbore;
  - (4) depth of casing;
  - (5) elevation of top of casing (TOC) of extraction well;
  - (6) filter pack interval and specification;
  - (7) perforated interval and size;
  - (8) annular seal interval and specification;
  - (9) surface seal interval and specification;
  - (10) finished construction: surface, top and bottom of casing;
  - (11) depth to water table;
  - (12) depth to estimated seasonally high water table;
  - (13) depth to estimated seasonally low water table;
  - (14) interval(s) of contaminated soil;
  - (15) accessibility for maintenance;
  - (16) recovery pump:
    - (a) depth to pump intake;
    - (b) discharge line, flowmeter and all piping;
    - (c) electrical wiring;
    - (d) operating elevations:
      - i) pumping
      - ii) non-pumping
- (a) winterization;
- (1) pump controller (i.e., liquid level detector, float, etc.)
    - (a) location of float;
    - (b) manufacturer's specifications;

- a. Lithologic log of extraction well boring;
- b. Proposed pumping operation design:
  - (1) Discharge rate (gpm):
    - (a) Continuous, or pulsed?
    - (b) maximum operating flow rate;
  - (2) Water table cone of depression developed from operation of the extraction well at this rate.

1. **Interceptor Trench/Underdrain:**

- a. Plan view, illustrating:
  - (1) underdrains and extraction well (sump);
  - (2) groundsurface contours;
  - (3) proposed capture area of hydrocarbon seep (estimated from drawdown calculations);
- b. Profile view, illustrating:
  - (1) underdrains, extraction well, and Salt Creek;
  - (2) backfill material and any liners;
  - (3) locations of perforations on underdrains;
  - (4) slope of the groundsurface and slope of underdrains;
  - (5) elevations of underdrains;
  - (6) extraction well depth;
  - (7) estimated high, low and average water levels of Salt Creek;
  - (8) depth and thickness of free product (i.e. floating hydrocarbons);
  - (9) depth to the estimated seasonal high and low and average water table levels;

**(NOTE:** The underdrain should be located at the correct depth to capture the full vertical extent of floating hydrocarbons at all times during the year);

- c. Submit trench inflow calculations estimating the total inflow to the trench;

(NOTE: the volume of the oil and water presently being extracted by the pump truck shall be documented and submitted with these calculations);

- d. Verify that the proposed collection system (i.e., underdrain, pipes, sump, pump, etc.) can handle the maximum anticipated inflow into the trench; (NOTE: the extraction rate should be equal to or greater than the inflow to maintain a drawdown at the trench face);
  - e. Submit a contingency plan that describes procedures to be followed in the event of an equipment failure or required maintenance to the collection system.
2. **Revised Site Map (plan view)**, illustrating:
    - a. Interceptor trench and extraction well;
    - b. Discharge line from the extraction well to the production battery facility, illustrating any holding tanks;
    - c. Location of existing plugged and abandoned oil wells referred to in your letter of July 19, 1993;
    - d. Observed lateral extent of the hydrocarbon seep;
    - e. Pump house (building) and associated piping and electrical.
  3. Elevation of the Public Water main illustrated on the site map;
    - a. Identify the "public" who is served by the water line.
  4. Copy of the Permit authorizing discharge of recovered water to the injection well.
  5. **An Operations and Maintenance Manual** for the entire system, including the underdrain and extraction well;
  6. **A Monitoring Plan** to monitor the effectiveness of the system for the purpose of containing floating and dissolved hydrocarbons.

Review of Plans, Specifications, Proposals, Reports  
February 18, 1994  
Page 6

The materials listed above should be submitted for review to Mr. Philip Stump, WDEQ/WQD, Herschler Bldg. - 4W, Cheyenne, WY, 82002 within thirty (30) days of receipt of this review.

As stated in your January 10, 1994 letter to me, an annual report will be submitted before December 31 of each year. This evaluation should also include an evaluation of the effectiveness of the system by providing:

1. Documentation that the underdrain intercepts, or lies below the water table at all times of the year, including during the seasonally low water table level. Monitoring wells will provide the necessary information.
2. Discussion of periodic visual observations for seepage along the bank of Salt Creek.
3. Documentation that the system is containing all floating and dissolved hydrocarbon associated with the source.
4. A plan and schedule for modifications to the system, or the installation of additional systems to meet this objective should be included in the report in the event that the system is not effective in capturing the floating and dissolved contaminant "plumes".

Please mail the annual report to the attention of Mr. Don Fischer, WDEQ/WQD, 2161 Coffeen Avenue, Sheridan, WY, 82802.

**END OF REVIEW**

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 93-277R  
\* **CONDITIONED** \*

**Teton Village Sludge Dewatering System**  
(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 install a sludge dewatering system, remove the grease separator, and convert chlorine disinfection from one ton to 150 pound cylinders according to the procedures and conditions of the application No. 93-277R. The facility is located in SW¼ Section 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.

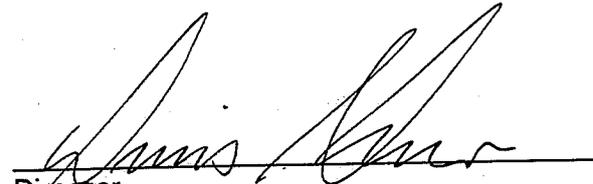
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

10-20-93  
\_\_\_\_\_  
Date of Issuance

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

JH/jyi  
35026.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

An addendum to the facility operations and maintenance manual describing the modifications to the plant authorized by this permit, must be made within 15 days of completion of the modifications. Copies of the addendum must be submitted to the Teton Village Wastewater Treatment Plant operator and to the Department of Environmental Quality, Water Quality Division (DEQ/WQD) in Lander.

## STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-277R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. NO

III. Basis for issuing permit.

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

NO

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

YES

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

NO

IV. Facilities not specifically covered by regulations.

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

Chapter XI, Section 20 addresses sludge handling.

B. Briefly state the basis for the deviation.

The regulations do not apply to the sludge dewatering equipment which limits the sludge flow to only 30 gpm. Therefore, a 2½ inch pipe is considered acceptable since the pipe is mostly vertical and totally accessible for maintenance.

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

Statement of Basis  
93-277R  
October 18, 1993

N/A

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

NOT APPLICABLE

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 93-278

Mustang Ridge Subdivision

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities  
2100 Pioneer Ave  
Cheyenne, WY 82003

to construct, install or modify public water supply according to the procedures and conditions of the application number 93-278. The facility is located in NW 1/4 SW 1/4 Section 16, T 14 N, R 66 W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

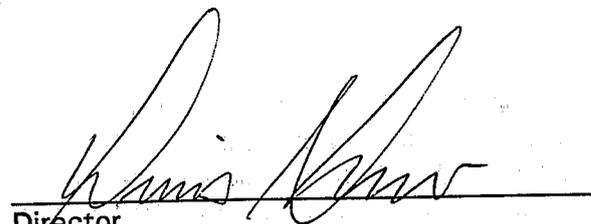
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineer,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

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

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

AUTHORIZED BY:

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

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

8/12/93  
\_\_\_\_\_  
Date of Issuance

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

#### SPECIAL CONDITIONS

- 1 of 4. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4. The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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

PERMIT NO. 93-278

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

GLS/nc 33754.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 93-278
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. Section 14 Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- Not Applicable
- B. Briefly state the basis for the deviation.
- Not Applicable
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
- Not Applicable

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

Not Applicable

/nc 33754.LTR

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

Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

**PROJECT:** Mustang Ridge Subdivision

**ENGINEER:** James K. Murphy  
A.V.I. P.C.  
2035 Westland Road  
Cheyenne, WY 82001

**APPLICANT:** Cheyenne Board of Public Utilities  
P.O. Box 1469, 2100 Pioneer Ave  
Cheyenne, WY 82003

**WATER QUALITY REFERENCE NUMBER:** 93-278

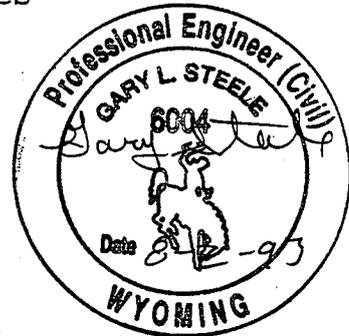
**APPROVING ENGINEER:** Gary Steele

**DATE OF REVIEW:** 7-30-93

**ACTION:** NOT AUTHORIZED FOR CONSTRUCTION

**COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:**

1. Valve Spacing - Chapter XII Section 14(c) indicates that valves are to have a maximum spacing of 800 feet. The following locations have valves spacings considerably grater than 800 feet.
  - A) Buckhorn Trail between Station 5+70 and 19+25
  - B) Buckhorn Trail between Station 30+96 and 42+23
  - C) Sweetwater Trail - between Station 7+95 and 23+22
2. High Points - Chapter XII Section 14(e) paragraph (i) indicates that all high points in the main shall have an air relief valve, fire hydrant, or active tap at that location. The locations listed below are high points in the main which need to be addressed.
  - A) Sweetwater Trail at Station 9+00
  - B) Big Sky Trail at Station 4+00
3. Design Report - The design report should be stamped by a Wyoming Licensed Professional Engineer. The information



supplied for the water system analysis is incomplete. The items listed below need to be included in the water system analysis.

- A) Chapter XII Section 14(b) paragraphs (i) and (ii), indicated that the minimum pressure at ground level is to be 20 psi under all conditions of flow. The water system analysis needs to include minimum pressures under fire flow conditions for peak day, and peak hour conditions.
- B) According to the design report the hydraulic grade line for the water system model is based upon data taken from a 1985 Master Plan. Please verify this data with current fire flow information.
- C) The water system modeling also indicates that the Hazen-Williams friction coefficient of  $C=150$  was used. This value seems high for a design value. Please indicate what design manual this value was taken from.

Please address the items listed above and submit three copies of the corrected plans and design report.

/nc 33591.LTR



THE STATE OF WYOMING



MIKE SULLIVAN  
GOVERNOR

## Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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September 27, 1994

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

RE: As-Built Permit To Construct  
Lagoon Monitor Wells  
DEQ/WQD Application 93-279

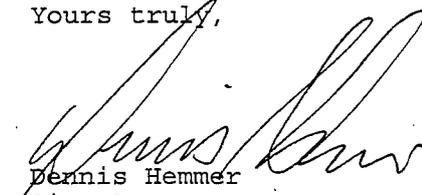
Dear Mr. Deschamp:

The Department of Environmental Quality, Water Quality Division (DEQ/WQD) has reviewed the referenced as-built application for the construction of four monitor wells. Our review indicates the application appears to be in compliance with the DEQ/WQD regulations. An as-built permit to construct is hereby issued and enclosed.

Please be advised that the monitor wells must be constructed, installed, and operated in accordance with the statements, representations, and procedures presented in the application and all supporting documentation, as well as the terms and conditions of the as-built permit. You are urged to be familiar with all aspects of the permit application, permit, and permit conditions.

Any person objecting to an action by the DEQ/WQD and desiring affirmative relief may request a hearing before the Environmental Quality Council in accordance with the procedures in the enclosed Rules of Practice and Procedure and the Wyoming Administrative Procedures Act.

Yours truly,

  
Dennis Hemmer  
Director  
Department of Environmental Quality

DH/DRM/pr/mad 44290.LTR

Enclosures: As-Built Permit 93-279  
Rules of Practice and Procedure

xc: Sheridan District File 93-279

**AS - BUILT**  
**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 93-279  
**SEE AS-BUILT PERMIT CONDITIONS**

**AMOCO SALT CREEK MONITOR WELLS**

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

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

to have constructed four monitor wells according to the procedures and conditions of the application number 93-279. The wells are located in the SW/4 SW/4 of Section 25 T40N R79W in the County of Natrona in the State of Wyoming.

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.

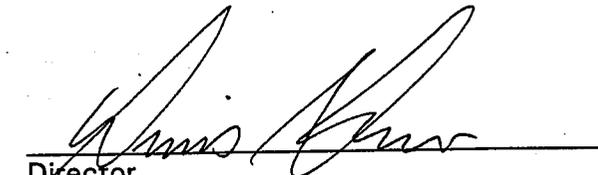
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division (DEQ/WQD), upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

Nothing in this permit shall be construed to preclude the institution of any legal action or 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

9/29/94  
\_\_\_\_\_  
Date of Issuance

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

AS-BUILT PERMIT CONDITIONS

- 1 of 2 The review and approval of this as-built permit is based upon the items identified in the attached "Statement of Basis".
- 2 of 2 The monitor wells shall be sampled on a quarterly basis for chlorides, sulfates, total dissolved solids, pH, ammonia, nitrates, oil and grease, TOX, and TCLP metals. The static water level in the monitor wells shall also be recorded for each sampling event. Once the test results are available from the laboratory, the data shall be submitted to the DEQ/WQD Sheridan District Office within thirty days. After one year the DEQ/WQD will determine if the number of constituents and/or the sampling frequency should be modified.

DRM/mad 44289.LTR

## STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 93-279
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
  - A. Chapter XI. Yes.
  - B. Chapter XII. No.
- III. Basis for issuing permit. (Indicate yes or no for each section.)
  - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.  
Yes.
  - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.  
No.
  - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.  
No.
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
  - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.  
Not Applicable (N/A).
  - B. Briefly state the basis for the deviation.  
N/A.
  - C. Permit based on general or statewide deviation contained in approved policy statement(indicate the policy number and briefly summarize the nature of the deviation).  
N/A.
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI from 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 construction and use of the monitor wells will not allow a discharge to groundwater. Injection or disposal of fluids into the monitor wells is not intended, nor allowed.

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 monitor wells are not intended to serve as injection or disposal wells. The sole purpose of the monitor wells is to monitor the local groundwater.

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

This as-built permit authorizes the construction of four monitor wells to monitor local groundwater near a wastewater lagoon that was constructed without a permit to construct. The wastewater disposed into the lagoon consists of wash water from a shop and domestic waste. The monitor wells shall be sampled and tested for constituents indicative of these types of wastes. See condition 2 of 2 of the as-built permit for specific constituents to be tested for and the frequency. Exceedance of background water quality or Chapter VIII levels will constitute a violation.

## 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.



THE STATE OF WYOMING

MIKE SULLIVAN  
GOVERNOR



## Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756  
FAX (307) 634-0799

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781  
FAX (307) 777-5973

August 24, 1993

Stephen R. Elliott  
507 West 29th Street  
Cheyenne, Wyoming 82001

RE: Modifications to Little Bear Septic System, Permit # 93-280  
**NOT APPROVED**

Dear Mr. Elliott:

The request for a modification to the approved plans for this septic system cannot be approved as submitted for two reasons.

1. The request must be submitted on an actual application form, a copy of which is included with this letter, and
2. Either the details of the two proposed replacement tanks must be submitted for review, or if they are premanufactured tanks the manufacturer must be indicated so that we can check to see if these tanks are on our preapproved list. If these tanks are not on our preapproved list then the design details need to be submitted. These details would include dimensions, type and placement of openings, and any other design details as necessary to indicate compliance with Chapter XI, Section 39(a) of the Wyoming Water Quality Rules and Regulations.

If you have any further questions please call me at 777-6183.

Sincerely,

Ronald L. Ewald  
Engineering Evaluator  
SE District, Water Quality Division

RE/nc 33962.LTR  
Enclosure

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 93-280  
SPECIAL CONDITIONS

Little Bear Inn - Commercial Septic System

This permit hereby authorizes the applicant:

Jerry McIntyre  
P.O. Box 6421  
Cheyenne, Wyoming 82003

to construct, install or modify a commercial septic system according to the procedures and conditions of the application number 93-280. The facility is located in SW 1/4 Section 24 T15N R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (5 years maximum) 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.

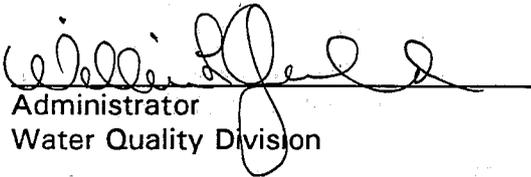
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

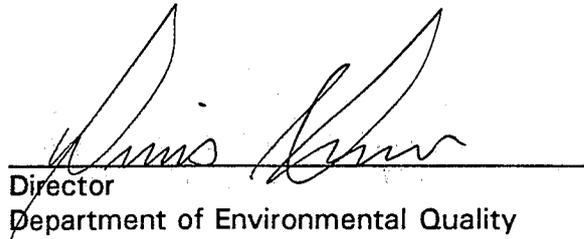
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineer,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

7/27/93  
\_\_\_\_\_  
Date of Issuance

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

#### SPECIAL CONDITIONS

- 1 of 2. The downward leg of the septic tank outlet tee shall be extended to at least 20 inches below the water level.
- 2 of 2. The permittee shall notify the Laramie County Environmental Health Division at least two (2) days prior to installation of this system to arrange for required inspections. Inspection of the installed system is required prior to backfilling. Laramie County Environmental Health charges a fee for these inspection services. Their offices are located at 100 Central Avenue, Cheyenne, Wyoming 82007; or they can be reached by phone at (307) 633-4090.

RLE/mad 33473.LTR

cc: Laramie County Environmental Health Section

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 93-281R  
\* CONDITIONED \*

Country Club Villages 1st Add. Water and Sewer Extensions  
(Name of Facility)

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

Tom Youtz

3907 Spyglass Circle

Riverton, WY 82501

to construct an eight (8) inch water extension and a sewer extension according to the procedures and conditions of the application No. 93-281R. The facility is located in Section 31, T1N, R4E, City of Riverton, in the County of Fremont, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

9-24-93

Date of Issuance

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

GL  
b/34480.1tr

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-281R

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

Statement of Basis  
93-281R  
September 23, 1993

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

N/A

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

b/34481.ltr

PERMIT TO CONSTRUCT

New

Permit No. 93-282

Renewal

Modified

Glenwood Townhomes  
(Name of Facility)

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

Grand Teton Investments, Inc

Scott Shepherd, Pres.

Box 3393

Jackson, WY 83001

to construct approximately 150 LF of 6 inch sewer collector according to the procedures and conditions of the application No. 93-282. The facility is located in Section 33, T42N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State

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

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

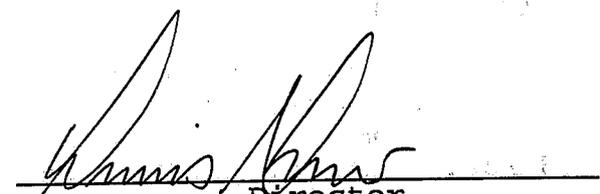
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

8-9-93  
Date of Issuance

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

GL/nbs

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 93-283  
SPECIAL CONDITIONS

Little America (Cheyenne) - Chlorination System

This permit hereby authorizes the applicant:

Holding's Little America  
Box 1529  
Cheyenne, Wyoming 82001

to construct, install or modify a potable well water chlorination system according to the procedures and conditions of the application number 93-283. The facility is located in SW 1/4 Section 02 T13N R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

**AUTHORIZED BY:**

*for* Laurence Roberson  
Administrator  
Water Quality Division

Ann Kiser  
Director  
Department of Environmental Quality

8-31-93  
Date of Issuance

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

**SPECIAL CONDITIONS**

- 1 of 4. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4. The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and

PERMIT NO. 93-283

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

RLE/nc 34030.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 93-283
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. no
- B. Chapter XII. yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.  
yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.  
no
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.  
no
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.  
Not Applicable
- B. Briefly state the basis for the deviation.  
Not Applicable
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).  
Not Applicable

PERMIT NO. 93-283

- 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

VI. DELETED

VII. Documentation of Statement of Basis.

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

RLE/nc 34030.LTR

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 93-284  
SPECIAL CONDITIONS

Erikson Septic System

This permit hereby authorizes the applicant:

Rob and Lisa Erikson  
1008 9th Street  
Wheatland, WY 82201

to construct, install or modify small septic system according to the procedures and conditions of the application number 93-284. The facility is located in NE 1/4 Section 26, T24N, 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 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

8-3-93  
\_\_\_\_\_  
Date of Issuance

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

**SPECIAL CONDITIONS**

- 1 of 1. The septic tank shall have either the 6 inch riser or the manway extended to the ground surface.

GLS/nc 33597.LTR

LAND APPLICATION PERMIT

New

PERMIT NO. 93-285

Renewal

SEE SPECIAL CONDITIONS

Modified

COLE CREEK OILFIELD ROAD APPLICATION

(Name of Facility)

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

G.G. Nicolaysen  
140 North Center  
Casper, WY 82601

to land apply crude oil contaminated soil according to the procedures and conditions of the application No. 93-285. The application site is located in part or all of Sections 21 and 22 T35N R77W in the County of Natrona in the State of Wyoming. This permit shall be effective until November 1, 1993.

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 will meet applicable state requirements.

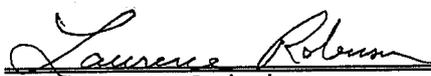
Nothing in this permit constitutes an endorsement of the disposal method described herein. This permit indicates only that standards required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the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

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator

  
\_\_\_\_\_  
Director

for Water Quality Division

Dept. of Environmental Quality

9-13-93  
Date of Issuance

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

DRM/pr:09/03/93

SPECIAL 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 to the approved permit package.
- 3 of 9. The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Sheridan District Office on the attached Certification Of Completion form.
- 4 of 9. The permittee shall submit a contour map depicting only those sections of road that actually received crude oil contaminated soil within sixty (60) days of the project completion to the Sheridan District Office.

**Special Permit Conditions**  
**Permit 93-285**

- 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 contaminated soil shall be incorporated into the roadbed by first ripping and then grading the road down the center, resulting in a windrow of roadbed material on each side of the road, placing the crude oil contaminated soil between the windrows, and working the crude oil contaminated soil and roadbed material back and forth across the road until a uniform distribution is achieved.
- 7 of 9. Crude oil contaminated soil application shall not be initiated during the spring runoff period or at times when saturated soil conditions exist. Crude oil contaminated soil shall not be applied during the period from November 1 to April 10.
- 8 of 9. The application site slope shall not exceed eight percent (8%) for vehicular application.
- 9 of 9. Crude oil contaminated soil application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.

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

b/34137.1tr

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 93-285

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

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

No

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

No

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

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

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

B. Briefly state the basis for the deviation.

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

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

District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (8/91), 10.4 (10/24/91), and 10.6 (1/18/91) address the statutory authority to regulate the road application of waste, establish 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 crude oil contaminated soil into the roadbed. Repeated applications of crude oil contaminated soil to the same sections of road will be monitored by roadbed analysis.

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

b\34138.ltr

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 93-286R  
\* **CONDITIONED** \*

Indian Springs Ranch Water & Sewer Distribution System  
(Name of Facility)

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

Indian Springs Ranch Limited Partnership

Michael Halpin

P.O. Box 291

Jackson, WY 83001

to construct a water and sewer distribution system and one (1) water supply well according to the procedures and conditions of the application No. 93-286R. The facility is located in Section 36, T41N, R117W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) 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.

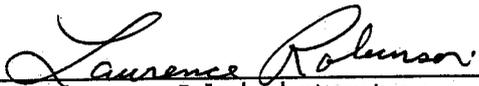
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

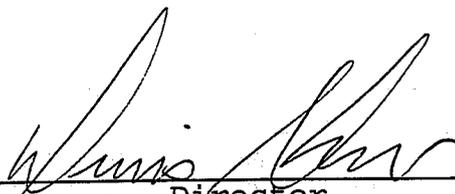
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

9-20-93  
\_\_\_\_\_  
Date of Issuance

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

GL

CONDITIONS 1 through 8

1. of 8. The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 8. The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 8. Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 8. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 8. The water well cover or platform shall be reinforced concrete with a minimum thickness of 4 inches. The top of the platform shall be sloped to drain to all sides.

6. of 8. A minimum two (2) feet thickness of bentonite or bentonite grout is required at the top of the filter pack to serve as an annular seal. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal.
7. of 8. The annular space above the bentonite seal to within one (1) foot of the surface will be sealed with Portland cement, sand-cement grout, or bentonite grout.
8. of 8. This permit does not include construction of any leach fields or dosing systems.

b/34369.ltr

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 93-286R
- 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

Statement of Basis  
93-286R  
September 16, 1993

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

N/A

- VI. Documentation of Statement of Basis.

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

b/34370.ltr

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 93-287R  
\* **CONDITIONED** \*

Denis Lyman Four (4) Inch Water Services  
(Name of Facility)

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

Denis Lyman

180 East Broadway

Jackson, WY 83001

to construct two (2), four (4) inch water services according to the procedures and conditions of the application No. 93-287R. The facility is located in Section 34, 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.

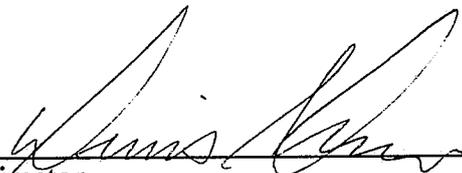
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

9-23-93  
\_\_\_\_\_  
Date of Issuance

This permit does not 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.

Permit to Construct #93-287  
Denis Lyman Waterline Extension

2. of 4            The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
  
3. of 4            Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a.            Date that construction of the facility was completed; and
  - b.            Date that the facility was placed in operation; and
  - c.            Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.            Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
  
4. of 4            The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

GL/nc 34437.LTR

## STATEMENT OF BASIS

- I. General information.
  - A. Permit Number: 93-287R
- 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

Statement of Basis  
93-287R

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

N/A

V. Documentation of Statement of Basis.

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

GL/nc 34437.LTR

LAND APPLICATION PERMIT

[X] New

PERMIT NO. 93-288

[ ] Renewal

SEE SPECIAL CONDITIONS

[ ] Modified

COLE CREEK/GENERAL ATLANTIC ROAD APPLICATION  
(Name of Facility)

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

Cole Creek Sheep Company  
140 North Center  
Casper, WY 82601

to land apply reserve pit water according to the procedures and conditions of the application No. 93-288. The application site is located in Section 4 & 9, T35N, R77W, in the County of Natrona in the State of Wyoming. This permit shall be effective until November 1, 1993.

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 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.

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

8-27-93  
\_\_\_\_\_  
Date of Issuance

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

DRM/pr/b:08/18/93

SPECIAL CONDITIONS

- 1 of 9. The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division (DEQ/WQD) of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: Wyoming DEQ/WQD, 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 to the approved permit package.
- 3 of 9. The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Sheridan District Office on the attached Certification Of Completion form.
- 4 of 9. The permittee shall submit a contour map depicting only those sections of road that actually received reserve pit water within sixty (60) days of the project completion to the Sheridan District Office.

**Special Permit Conditions**  
**Permit 93-288**

- 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. Reserve pit water shall be applied uniformly. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist. Reserve pit water shall not be applied during the period from November 1 to April 10.
- 7 of 9. The application site slope shall not exceed eight percent (8%) for vehicular application.
- 8 of 9. Reserve pit water application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 9 of 9. Any reserve pit water application after November 1, 1993 must be re-permitted.

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

## STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 93-288
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- No
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- There are no numeric standards or criteria in Chapter XI for road application. W.S. 35-11-301 (a) (iii) requires a permit to be issued when any disposal system capable of causing or contributing to pollution is constructed, installed, modified, or operated.
- B. Briefly state the basis for the deviation.
- Road application is permitted when DEQ authorized disposal facilities are not readily available, a beneficial use of the waste to be applied is possible, and significant impact to waters of the State is minimized.
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

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

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

Applicable

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

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

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

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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

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

PERMIT TO CONSTRUCT

New

PERMIT NO. 93-289

Renewal

Modified

APLAN RESIDENCE SEPTIC SYSTEM  
(Name of Facility)

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

Bush Land Development Company  
P.O. Box 430  
Hulett, WY 82720

to construct, install or modify a wastewater treatment facility according to the procedures and conditions of the application No. 93-289. The facility is located in the NW/4 SE/4, Section 12, Township 54 North, Range 65 West, in the County of Crook in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

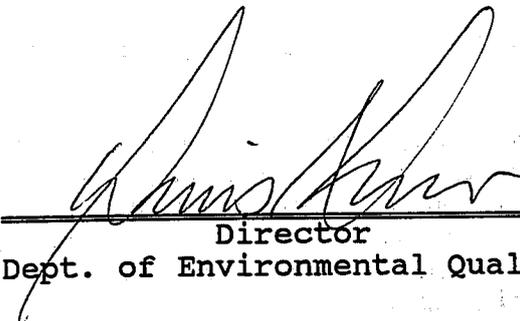
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division, the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Supervisor,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

8-3-93

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

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

<sup>AS</sup>  
JAS: 07/28/93

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 93-290  
\* **CONDITIONED** \*

**Brush Creek Workcenter Bunkhouse & Visitor Center**  
(Name of Facility)

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

Medicine Bow National Forest

2468 Jackson Street

Laramie, WY 82070-6535

to construct a septic tank and leachfield according to the procedures and conditions of the application No. 93-290. The facility is located in NW¼ Section 20, T81W, R16N 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

8/12/93  
\_\_\_\_\_  
Date of Issuance

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

RT/jyi - 33775.LTR

STANDARD 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.

Permit to Construct  
Brush Creek Workcenter Bunkhouse & Visitor Center  
93-290  
Page 3

- 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-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

**\* SPECIAL CONDITION 1 of 1 \***

1 of 1 Septic tank is to be installed according to manufacturer's recommendations to prevent structural problems.

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 93-291  
\* CONDITIONED \*

Kienlen/Horsley Septic Tank and Leach Field  
(Name of Facility)

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

Kent Kienlen

443 West Coulter Ave.

Powell, WY 82435

to construct a septic tank and leach field according to the procedures and conditions of the application No. 93-291. The facility is located in SW 1/4, Section 18, T56N, R91W 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.

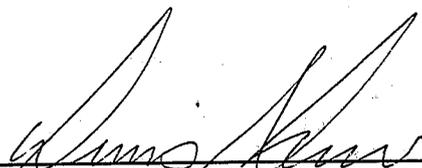
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

9-13-93  
\_\_\_\_\_  
Date of Issuance

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

GL

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

b/34154.ltr

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 93-291
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. Yes
- B. Chapter XII. N/A
- 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.
- N/A
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- N/A
- 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

Statement of Basis  
93-291  
September 7, 1993

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

N/A

- VI. Documentation of Statement of Basis.

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

b/34155.ltr

PERMIT TO CONSTRUCT

New

PERMIT NO. 93-292  
(SEE SPECIAL PERMIT CONDITIONS)

Renewal

Modified

KOA/BUFFALO  
(Name of Facility)

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

Don Gill  
P.O. Box 189  
Buffalo, Wyoming 82834

to construct, install or modify sewer collection system and water distribution system facilities according to the procedures and conditions of the application No. 93-292. The facility is located in the NE/4, Section 35, Township 51 North, Range 82 West, in the County of Johnson in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

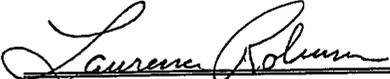
Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way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

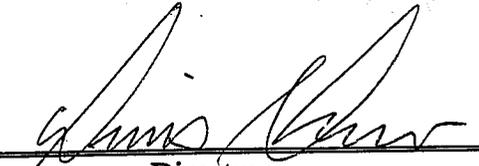
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

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

AUTHORIZED BY:

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

  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

9-7-93  
\_\_\_\_\_  
Date of Issuance

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

#### SPECIAL PERMIT CONDITIONS

- 1 of 4. The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division, the day construction commences and give an estimate of completion of the project on the attached post card. The authorized representative in your area can be contacted at the following address: Wyoming DEQ/WQD, Sheridan District Office, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.
- 2 of 4. The permittee shall provide immediate oral and/or written notification, in accordance with Section 9, Chapter III, to the Sheridan District Office of any changes or modifications to the approved permit package.
- 3 of 4. Within sixty days of completion of the authorized facility, the applicant will submit to Sheridan District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and

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**Permit #93-292**

**KOA/Buffalo**

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

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

JAS/DRM/pr:09/01/93 /nc 34107.LTR

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-292

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

A. Chapter XI. Yes

B. Chapter XII. Yes

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

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

No

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

Yes

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

No

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

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

Chapter XI, Part B, Section 9(d).

B. Briefly state the basis for the deviation.

Chapter XI, Section 9(d)(i) states that the maximum manhole spacing for 15 inch line or less be at 400 feet. A variance is being allow because the City of Buffalo has the capability and equipment to clean up to 500 feet between manholes which will adequately cover the manhole spacing.

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. 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.

JAS/DRM/pr:09/01/93 /nc 34107.LTR

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 93-293  
SPECIAL CONDITIONS

Ryan Springs Bath House

This permit hereby authorizes the applicant:

Wyoming National Guard  
P. O. Box 399  
Guernsey, WY 82214

to construct, install or modify grey water drain field according to the procedures and conditions of the application number 93-293. The facility is located in Section 17, T 28 N, R 66 W 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.

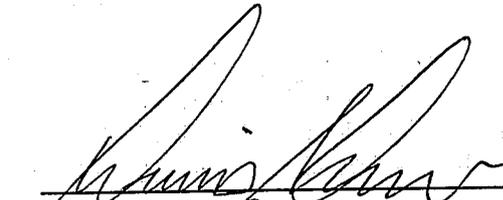
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineer,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

8/12/93  
\_\_\_\_\_  
Date of Issuance

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

#### STANDARD CONDITIONS

- 1 of 5. The applicant will notify the appropriate district office of the 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

PERMIT NO. 93-293

- c. Certification of Construction must be done by one of the methods listed below:
1. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  2. Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 5. The drainfield system shall be used for grey water only. No solids shall be allowed into the system from the bathhouse or any other sources.
- 5 of 5. This permit was reviewed and approved in accordance with the provisions of the attached "Statement of Basis".

GLS/jn - 33780.ltr

## STATEMENT OF BASIS

### I. General information.

A. Permit Number: 93-293

### 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 Section 5, Chapter XI, see explanation in IV below.

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

No

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

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

Chapter XI Section 33 (a): "Absorption system" is a system constructed under the surface of the ground which receives and distributes effluent from a pretreatment device effectively filtering the effluent through soil or media.

B. Briefly state the basis for the deviation.

A deviation for the pretreatment requirement is granted since the system will be treating grey water effluent from a bath house only. The facility will not have bathrooms and solids will not put into the system.

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

Not Applicable



MIKE SULLIVAN  
GOVERNOR

## Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756  
FAX (307) 634-0799

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781  
FAX (307) 777-5973

December 7, 1993

Don Meng  
Wyoming Waste Water Disposal, LLC  
2620 South Parker Road, Suite 149  
Aurora, Colorado 80014

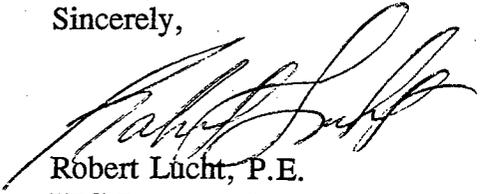
RE: Kenneth Deselms #1  
Final Permit UIC 93-294, class I  
Laramie County, Wyoming

Dear Mr. Meng:

Enclosed please find the final permit for this well. This permit is identical to the draft permit you received previously with two minor exceptions. EPA requested a change in the language of Section I when describing the pressure falloff curves required. The change will require that WWWD record a baseline reservoir pressure prior to the start of injection. This change is found on page 5 of the permit.

The State Historic Preservation Officer required that a provision be made to require notification of his office if you uncover cultural resources during construction. This provision is found in Section Q, page 10 of the permit.

Sincerely,



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

RL/nc 35800.LTR

Enclosure

xc (with enclosure):

Francis Petera, WY Game & Fish Dept, 5400 Bishop Blvd., Cheyenne, WY 82002  
Janie Nelson, WY Oil & Gas Conservation Comm, P O Box 2640, Casper, WY 82602  
John Keck, State Historic Preservation Office, 1825 Carey Ave, Cheyenne, WY 82002  
Dan Jackson, USEPA, Region VIII, 999 18th Street, Suite 500, Denver, Colorado 80202  
Richard Stockdale, WY State Engineers Office, 122 West 25th St, Cheyenne, WY 82002

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

(XX) New  
( ) Modified

Permit Number 93-294  
Reference old permit: \_\_\_\_\_

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

Applicant: Wyoming Waste Water Disposal, LLC  
2620 South Parker Road, Suite 149  
Aurora, Colorado 80014  
(303) 745-1099

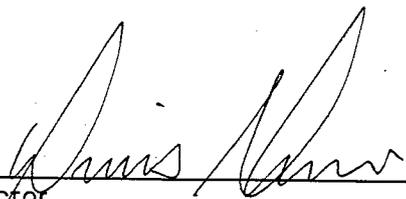
is authorized to operate the Kenneth Deselms #1, Class I Injection Well

in the SE ¼ SE ¼, Section 18, Township 16 North, Range 62 West, of the 6th Principal Meridian, Laramie County; according to the procedures and conditions of application 93-294 and requirements and other conditions of this permit.

This permit shall become effective on date of issuance.

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

12-2-93  
Date

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

12-7-93  
Date

A. Discharge Zone

This injection well is authorized to inject into the Sussex Formation which is found in the well bore from 4,350 feet to 4,450 feet below the ground surface. Additional perforations may be installed within the above named interval of the authorized formation with the prior approval of the Water Quality Division. The initial perforations in this well are from 4,410 to 4,450 feet below the ground surface.

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

B. Area of Review

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

Township 16 North, Range 62 West, 6th Principal Meridian  
Section 18: SE $\frac{1}{4}$  SE $\frac{1}{4}$

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

Township 16 North, Range 62 West, 6th Principal Meridian  
Section 17: SW $\frac{1}{4}$ , W1/2SE $\frac{1}{4}$   
Section 18: SE $\frac{1}{4}$ , S1/2NE $\frac{1}{4}$ , E1/2SW $\frac{1}{4}$   
Section 19: NE $\frac{1}{4}$ , E1/2NW $\frac{1}{4}$   
Section 20: NW $\frac{1}{4}$ , W1/2NE $\frac{1}{4}$ , N1/2SW $\frac{1}{4}$

C. Groundwater Classification

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

1. The groundwater in this formation contains in excess of 10,000 mg/l of Total Dissolved Solids;  
and
2. The groundwater in this formation is situated at such a depth that recovery of this water and treatment for drinking water purposes is not practical;  
and
3. This formation has been used in the past for the disposal of non-hazardous (oil field) waste and cannot be expected to provide a source of drinking water;  
and
4. This formation naturally contains traces of oil and gas and cannot be reasonable expected to provide a source of drinking water at this location.

#### D. Authorized Operations

The permittee is authorized to inject 1,200 barrels per day, (50,400 gallons per day) of industrial wastes as described:

1. Oilfield produced water from any formation and any field. Analyses shall be provided for all produced waters except those originating within T15, 16, or 17 N, and R 61, 62, or 63 W, 6th P.M.
2. Wastes from gas plants: Wastes shall be fully described and analyzed prior to disposal. Each individual disposal shall be done after receiving prior approval from the Water Quality Division.
3. Wastes generated from the removal and maintenance of underground storage tanks except those tanks used to store chlorinated solvents or RCRA waste. This includes water from inside the tank, contaminated diesel, and groundwater contaminated with gasoline or diesel and recovered from the excavation used to remove the tank. Prior WQD approval for each waste stream is not required, but each generator shall sign a sworn statement on forms provided by the division stating that the waste being disposed of is from an underground storage tank site.
4. Other industrial wastes which have been fully characterized and shown to be non-hazardous in character.
5. All wastes shall be analyzed as detailed in Section I.

The permittee is authorized to inject at a pressure of no more than 175 psig as measured at the wellhead. The pressure of injection shall be continuously monitored and recorded on a chart recorder.

Within the first year of operation, the permittee shall conduct a step injection test to determine the actual fracture pressure of the formation. After this test, and subsequent approval by the Administrator, the injection pressure shall be limited to 90% of the fracture pressure as measured at the surface. The permittee may conduct additional step injection tests at a later time to determine changes in the fracture pressure as the injection continues. After acceptance by the Administrator of these tests, the permittee shall limit the injection pressure to 90% of the new fracture pressure as measured on the surface.

The permittee shall monitor continuously the pressure on the casing/tubing annulus and shall maintain a positive pressure on that annulus. The pressure maintained shall be not less than 200 psig nor more than 600 psig.

The wastes injected shall be from operations described by the following SIC codes: 13, 37, 35 and 02 and others. This permit is not limited to these specific industrial waste codes. Additional waste streams may be from other specific industrial waste categories.

The permittee may inject other wastes with prior approval of the Administrator.

#### E. Hazardous Waste

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

**F. Proper Operation and Maintenance**

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

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

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

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

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

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

**G. Entry and Inspection**

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

**H. Environmental Monitoring Program for Groundwaters of the State**

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

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

WELL NAME NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT OR (UCL)*
Farven #2 Stock Well	Annual	EPA Method 215.1 or equivalent	Calcium	200
		EPA Method 242.1 or equivalent	Magnesium	100
		EPA Method 273.1 or equivalent	Sodium	550
		EPA Method 325.2 or equivalent	Chloride	1,250
		EPA Method 160.1 or equivalent	Total Dissolved Solids	2,000
		EPA Method 418.1 or equivalent	Total Petroleum Hydrocarbons	10

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

The above Upper Control Limit (UCL) is not to be exceeded in any sample. Exceedance of this value is a violation of this permit and shall require corrective action. Corrective action shall include, at a minimum analyses for other indicator parameters from the waste stream analyses.

### Requirements for Monitoring the Discharge

The permittee shall monitor the injection pressure continuously and record those readings on a strip chart recorder, a circular charge recorder, or digitally by computer interface with the pressure transducer on the well.

The permittee shall shut the well(s) covered by this permit in annually for a period of time long enough to observe a valid pressure falloff curve. This test shall be considered complete when the pressure curve becomes asymptotic to a horizontal line. The permittee shall prepare a report for each falloff curve conducted showing the skin effect, the indicated porosity and permeability of the receiver, and the indicated reservoir pressure. This report shall include plots of the data and all calculations based on those plots. Prior to injection of any waste into this well, the permittee shall record the static reservoir pressure for the sussex member of the Pierre Shale Formation.

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

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT OR (UCL)*
Quarterly	EPA Method 501.2, 602, or 624	Tetrachloroethene (aka Perchloroethene - PCE)	.05
	EPA Method 501.2, 602, or 624	Trichloroethene (TCE)	.062
	EPA Method 239.2 or equivalent	Lead	5.0
	EPA Method 213.2 or equivalent	Cadmium	5.0
	EPA Method 218.1 or equivalent	Chromium	5.0
	EPA Method 418.1 or equivalent	Total Petroleum Hydrocarbons	10

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

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

In addition to the two solvents shown above, the permittee shall also sample and analyze for the entire list of parameters normally reported on this analyses by the laboratory doing the samples. The entire report shall be submitted to WQD along with the next quarterly report.

#### J. Test Procedures

All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples taken shall include a trip blank of distilled water for each sampling date and a duplicate sample at least once per year.

All required analyses shall be conducted in compliance with Chapter VIII, Section 7, Wyoming Water Quality Rules and Regulations.

#### K. Records and Reports

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

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

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

Confirmed noncompliance resulting in the migration of injected fluid into any zone outside the permitted receiver shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written submission shall contain: a description of the noncompliance; the period of noncompliance, including exact dates and times, and if the noncompliance has not been controlled, the anticipated time it is expected to continue; and a list of the steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance.

Confirmed noncompliance not already reported under this section shall be reported at the time monitoring reports are submitted. The reports shall contain the same information as required by the paragraph above.

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

The quarterly report of operations for this/these well(s) shall include the following information:

1. The minimum, average and maximum daily injection rate for each of the wells, for each month of the quarter. The page showing the maximum injection rate shall also show the maximum permitted injection rate for comparison.
2. The minimum, average, and maximum daily injection pressure for each of the four wells for each month of the quarter. The page showing the maximum injection pressure shall also show the maximum permitted injection pressure for comparison.
3. The total injection volume in gallons or barrels for each month of the quarter, the total for the quarter, the total cumulative injected to date all for each well separately.
4. The maximum and minimum annulus pressure for each month of the quarter for each well separately.
5. Any permit exceedances within the quarter.
6. Any tests run during the quarter. This includes, but is not limited to, the results on any Mechanical Integrity Tests, Pressure Falloff Tests, Step Injection Tests, or any well workovers.
7. The analytical results for sampling for the injected water and any groundwater sampling results required under Section H.
8. Quarterly reports are due in the Cheyenne office of the Water Quality Division no later than 30 days after the end of each calendar quarter.

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

1. A graphical representation of the injection pressure and volume plotted against time for the previous five years operation. This graph shall have the dates of the year on the abscissa and the pressure and volume as the ordinate.

2. Graphical representations of the quality of the injected water plotted against time. These graphs shall show the injected quality for the previous five years operation and shall be prepared on appropriate scales to show the variation.
3. For any well required to be monitored under Section H, a graphical representation is required for the concentration of each monitored parameter over time.
4. Monitoring results shall be reported in the annual reports unless otherwise specified.

#### L. Permit Actions

This permit is issued for a period of ten (10) years. If the permittee wishes to continue injection after the expiration date of this permit, he shall apply to the Administrator and obtain a new permit prior to the expiration date of this permit.

It shall not be a defense for a permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

The filing of a request by the permittee, or at the instigation of the Administrator, for permit modification, revocation, termination, or notification of planned changes or anticipated noncompliance shall not stay any condition of this permit.

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

1. Violation of this permit;
2. Obtaining a permit by misrepresentation of facts in the application; or
3. Failure of the casing, cement or the confining layer.

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

#### M. Mechanical Integrity

Mechanical Integrity shall be maintained continuously and reviewed at least once every five (5) years. Both parts of the Mechanical Integrity Test shall be re-done prior to the fifth anniversary of the previous tests. The test used to determine mechanical integrity shall be a two part test approved by the Administrator.

Part I of the Mechanical Integrity test shall demonstrate the absence of leaks through the packer, tubing, casing and wellhead. This test shall consist of a pressure test of the annulus to a pressure of 1,000 psig. A successful test shall be one which holds 1,000 psig for 15 minutes with no more than 25 psig of pressure loss.

Part II of the Mechanical Integrity test shall demonstrate the absence of fluid movement behind the casing. The approved method of demonstrating the absence of fluid movement behind the casing is to run a Radioactive Tracer Survey (RATS) and a Temperature Log. The

RATS test shall include a check of the fluid movement around the packer, above the top perforation and below the bottom perforation. The temperature survey shall be a shut-in survey after 24 hours.

Both of the above two tests shall be conducted and passed prior to any injection under this permit.

Wells which have not demonstrated both parts of the required Mechanical Integrity test shown on the above schedules, shall be shut in until the Mechanical Integrity has been restored and the required tests have been passed and the Administrator has issued an approval to resume injection.

#### N. Abandonment

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

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

#### O. Duties of the Permittee

The permittee shall give advance notice to the Administrator as soon as possible of any planned physical alteration or additions, other than authorized operation and maintenance, to the permitted facility and receive authorization prior to implementing the proposed alternation or addition.

The permittee shall furnish to the Administrator within a reasonable time, any information which the Administrator may request to determine whether cause exists for modifying, revoking, or reissuing, or terminating this permit, or to determine compliance with this permit; and to furnish to the Administrator upon request, copies of records required to be kept by this permit.

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

The permittee shall report all instances where he becomes aware that he failed to submit any relevant facts in the permit application, or where he submitted incorrect information in a permit application or in any report to the Administrator, and shall promptly submit such facts or information.

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

#### P. Financial Responsibility

The permittee has posted the required financial instruments to guarantee the plugging and abandonment of the hazardous waste injection well covered by this permit. The specific financial instrument provided is:

Certificate of Deposit number 14899121 issued by the Farmers State Bank of Pine Bluffs, Wyoming in the amount of \$25,000.00

The permittee shall maintain the above instrument or a replacement instrument for the duration of this permit and until all post-closure care requirements have been satisfied.

## Q. Special Conditions

In addition to the conditions required of all permits, the Administrator has established conditions as required for monitoring, schedules of compliance, and such additional conditions as are necessary to prevent the migration of fluids into underground sources of drinking water. These conditions are established in conformance with Chapter XIII, Section 9(e).

The permittee shall identify the facility covered by this permit with a standard well sign. The well sign shall show the name of the permittee, the name of the well, the legal description of the well, and the fact that a WQD UIC permit applies. The wellhead itself shall be identified with a sign and the injection plant shall also have a sign on the door with the same information.

Inside the injection plant the permittee shall affix a sign which states the maximum injection pressures and volumes and the fact that any exceedance of these values is a violation of the permit. The sign shall include instructions that exceedances must be reported within 24 hours of their occurrence to the following telephone number: (307) 777-7095. These same reports shall be made by the operator to the permittee at the same time when reporting to the department.

All signs required shall be constructed of standard sign gauge material in either steel, aluminum or fiberglass with letters a minimum of 1 inch high.

In the event that any cultural resources (evidence of historic or prehistoric occupation of the site) are uncovered during construction of the injection well or injection plant, the Water Quality Division and the State Historic Preservation Office shall be notified immediately. In this event, work shall immediately cease and not be resumed until the cultural resources discovered have been evaluated and adequate measures for their protection or collection have been taken. In the event that any such report is filed with the State Historic Preservation Office, refer to SHPO control #1193KLK043. The telephone number and contact for SHPO is Judy Wolf 777-6311.

## R. Signatories Requirement

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

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

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

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

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

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

or

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

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

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

#### S. Noncompliance

The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of Chapter XIII of the Wyoming Water Quality Rules and Regulations and is grounds for enforcement action, permit termination, revocation, or modification. Conformed noncompliance resulting in an excursion shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written report shall contain the sections specified in Section K of this permit. Any permit noncompliance constitutes a violation of this permit.

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

#### T. Permit Transfer

Any transfer of this permit shall be accomplished by the submission of the proper forms for permit transfer to the Administrator. Transfer of this permit must first be approved by the Administrator and the Director and no transfer shall be approved unless the proposed permittee agrees to bring any and all noncompliance issues into compliance with this permit.

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

#### U. Property Rights

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

V. Severability

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

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

RL/nc 35799.LTR  
RL/93-294.per

File



THE STATE OF WYOMING

MIKE SULLIVAN  
GOVERNOR

# Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756  
FAX (307) 634-0799

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781  
FAX (307) 777-5973

October 27, 1993

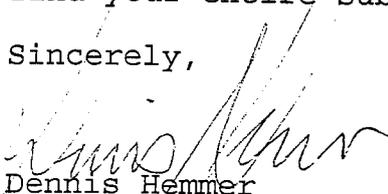
Mr. Robert H. Hamlin, President  
Agri-Systems  
1300 Minnesota Avenue  
Billings, MT 59101

RE: Wyoming Ethanol Cooling Water Injection  
Application: UIC 93-295, class 5A19  
Goshen County, Wyoming

Dear Mr. Hamlin:

On October 26, 1993, this department received your request to withdraw the above application. With this letter, the Department of Environmental Quality is giving notice your request has been approved and no further action will be taken on the application. You are free to submit a new application in the future if you decide that injection would be more convenient. Enclosed please find your entire submittal.

Sincerely,

  
Dennis Hemmer  
Director  
Department of Environmental Quality

DH/RFL/bb/35211.1tr

Enclosure



MIKE SULLIVAN  
GOVERNOR

## Department of Environmental Quality

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

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FAX (307) 777-5973

August 5, 1993

Robert H. Hamlin, President  
Agri Systems  
1300 Minnesota Avenue  
Billings, MT 59101

RE: Torrington Ethanol Cooling Water Injection  
Application Number: UIC 93-295  
Goshen County, Wyoming

Dear Mr. Hamlin:

The application that you submitted is incomplete as defined by Chapter IX, Section 7(a)(2)(b) of the Wyoming Water Quality Rules and Regulations. This incompleteness is such that this department cannot draft a permit as required. Under the federal rules on UIC permits, a draft permit can only be issued if the department is willing to issue the permit as drafted. In this case, this department cannot issue a permit without additional information.

The information required by Water Quality Rules and Regulations Chapter IX, Section 6 includes:

- 1) Complete information on the source wells. This includes the name, location, and ownership of the source wells, a description of the completion of these wells and the groundwater chemistry in those source wells.
- 2) Complete information on the injection wells. This includes the location of these proposed wells, the completion plan, and a diagram of the wells to be constructed showing all screens, slotted pipe, blank casing, cemented intervals, surface seals and the piping arrangement on the surface. Include all instrumentation to be installed on these wells.
- 3) A complete state engineer's printout for all wells in Section 21, 22, 29 and 30 of Township 24 North, Range 61 West.

Robert H. Hamlin

August 5, 1993

Page 2

- 4) A detailed description of the cooling piping including material to be used, methods to prevent freezing in the winter, methods of joining the pipe, and methods to be used to determine that process chemicals are not introduced to the cooling system. How will you deal with scaling and corrosion in this system?
- 5) Detailed maps showing the location of all piping associated with this system, the process units to be cooled, the source wells and the injection wells.

Included with this letter, please find a copy of part of the proposed language of the permit, if it is issued. This is not a "draft permit" under the federal definition, but it does allow you to see the need for the above information. At this time, you are free to respond with your comments about the proposed wording of this permit. After submission of the required information, this department may be able to reword some sections of this permit.

This department would like to extend to you our best wishes for the success of your new process plant. This department will do whatever is possible to issue this permit in a timely manner after receiving the required information. At the same time, you should be aware that this permit must be issued before any such injection can take place. This department will want to inspect the installation in any case, once your plant is complete.

Sincerely,



Robert Lucht, P.E.

UIC Program Supervisor

Water Quality Division

RL/jn- 33685.ltr

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 93-296  
SPECIAL CONDITIONS

Cheyenne Truck N Travel (dba Fuel America)

This permit hereby authorizes the applicant:

Boyd Cobbley  
P.O. Box 699  
Spanish Fork, UT 84660

to construct, install or modify monitor wells according to the procedures and conditions of the application number 93-296. The facility is located in Section NE 14 , T13, R67 in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

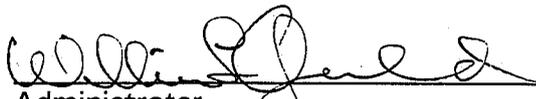
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

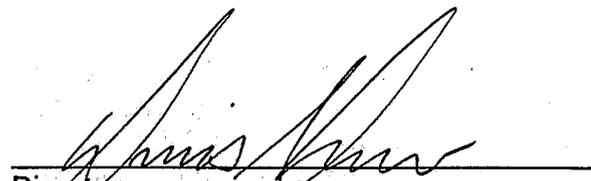
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Groundwater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

8-19-93  
\_\_\_\_\_  
Date of Issuance

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

DF/jn - 33845.ltr

#### SPECIAL CONDITIONS

#### **CONDITIONS FOR MONITORING WELLS**

- 1 of 18. The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 93-296. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division (WQD).
- 2 of 18. Monitoring well construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells must be constructed from materials free of material having the potential to contaminate groundwater samples.

PERMIT NO. 93-296

- 3 of 18. All downhole equipment shall be de-contaminated between wells to minimize the potential for cross-contamination. Decontamination fluid/water and developed water must be collected and disposed of at a site approved by the WQD.
- 4 of 18. 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.
- 5 of 18. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.
- 6 of 18. After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. No monitoring well shall be abandoned without prior approval from the Water Quality Division.
- 7 of 18. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells 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.
- 8 of 18. The issuance of this permit does not relieve the permittee from any further remedial actions which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial measures may be required by the WQD.
- 9 of 18. The applicant is responsible for obtaining any permits required by the State Engineer's Office (307-777-7354).
- 10 of 18. In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed, and developed:
  - a. The borehole diameter shall be at least four inches larger in diameter than the casing diameter;
  - b. For water table (unconfined) aquifers, the screened interval shall extend at least two feet above the highest expected seasonal groundwater level. Monitor wells installed in confined and semi-confined aquifers shall be constructed in accordance with Chapter XI, Section 68 of the Water Quality Division Rules and Regulations. Factory screen or slotted casing is recommended for the perforated interval;

PERMIT NO. 93-296

- c. When PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues to hold the casing sections together;
  - d. To minimize the entrance of fine-grained material into the well, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval;
  - e. The filter pack shall extend to a minimum of one (1) foot above the screened interval;
  - f. Filter pack, annular seal, and surface seal material shall be entered into the monitoring well in a manner such that no voids or bridging occur;
  - g. A minimum two (2) foot thickness of bentonite or bentonite grout is required at the top of the filter pack to serve as an annular seal. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal;
  - h. The annular space above the bentonite seal will be sealed to within one foot (1') of the surface with Portland cement, sand-cement grout, or bentonite grout;
  - i. A protective casing shall be cemented into place when the upper one (1) foot of the annular space is completed with cement, forming a concrete apron sloping away from the monitoring well;
  - j. A top and bottom cap of the same material as the monitoring well casing shall be installed to prevent sediment and surface water from entering the monitoring well;
  - k. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
- 11 of 18. DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and sample collection so that DEQ/WQD personnel may be on-site if deemed necessary.
- 12 of 18. Within 90 days of the issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
- a. A site map showing physical features, well locations, and mean sea level elevations of the top of casing/measuring point;
  - b. Final location, construction details, and logs of all monitoring wells;

PERMIT NO. 93-296

- c. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
  - d. Water level and product thickness measurements;
  - e. Sample collection procedures;
  - f. Sampling analytical results;
  - g. A potentiometric surface map showing the direction of groundwater movement; and
  - h. Interpretation of data and conclusions including recommended remedial measures if contamination is found.
- 13 of 18. Proper well evacuation, sample collection, preservation, transportation, and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
- 14 of 18. For aquifer classification, the upgradient well (proposed MW #6) associated with this facility shall be sampled and the wastewater analyzed for the parameters listed below:
- 1) Ammonia
  - 2) Nitrate
  - 3) Chloride
  - 4) Total Dissolved Solids
  - 5) Selenium
  - 6) Sulfate
- 15 of 18. Fuel America has the option to sample for any or all parameters listed in Chapter 8 Table I of the Wyoming Water Quality Rules and Regulations in addition to those listed above for the purpose of aquifer classification. If Fuel America elects not to test additional parameters, the WQD will base aquifer classification on the analyses presented in Item 14 above.
- 16 of 18. In addition, Fuel America shall test proposed MW #6 for Benzene, Ethylbenzene, Toluenes, Xylenes, (BETX) and Total Petroleum Hydrocarbons (TPH) as presented in the July 14, 1993 Workplan submitted the to WQD.

After the initial sampling event, Fuel America shall adhere to the same sampling and reporting schedule for MW #6 as currently in place for the monitor wells surrounding the sewerage ponds (monitor wells Northeast, Northwest and Southwest). Currently these parameters include:

PERMIT NO. 93-296

- 1) Nitrate
- 2) Ammonia
- 3) Total Dissolved Solids
- 4) pH
- 5) Static Water Level (from top of casing)

After the initial analytical data is presented and reviewed by the WQD, a decision will be made by the division whether further sampling and analyses of BETX and TPH is required.

- 17 of 18. The time schedule for plan implementation as submitted in the **April 13, 1993 Notice of Violation and Order** shall be followed.
- 18 of 18. Reports required by this permit should be addressed to the Southeast District Groundwater Section, Wyoming Department of Environmental Quality, Water Quality Division, Herschler Building - 4th Floor West, Cheyenne, WY 82002.

RF



THE STATE OF WYOMING



MIKE SULLIVAN  
GOVERNOR

# Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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August 4, 1994

REIMAN CORPORATION  
501 EAST 15TH  
CHEYENNE WY 82001

RE: **PERMIT CONDITION COMPLIANCE** - Certification of Completion  
Facility: TRI-REI SUBDIVISION  
Permit Number: 93-297

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 43272.LTR  
Enclosure: Certification of Completion form  
cc: Permit Compliance Tracking File

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

PERMIT NO. 93-297  
SPECIAL CONDITIONS

TRI-REI Subdivision

This permit hereby authorizes the applicant:

Reiman Corporation  
501 East 15th

Cheyenne, WY 82001

to construct, install or modify Commercial Septic system according to the procedures and conditions of the application number 93-297. The facility is located in Section 12 & 13, T 13 N, R 67 W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

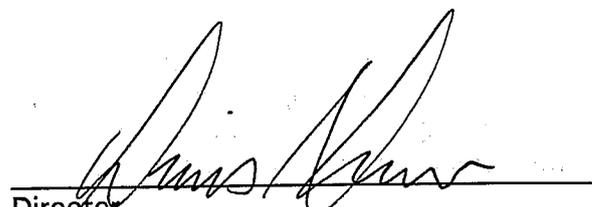
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineer,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

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

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

AUTHORIZED BY:

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

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

8-27-93  
\_\_\_\_\_  
Date of Issuance

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

#### SPECIAL CONDITIONS

- 1 of 7. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 7. The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 7. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and

PERMIT NO. 93-297

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 7. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 7. The septic tanks shall have the manways of each compartment extended to the surface.
- 6 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
- 7 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.

GLS/bb/34002.ltr

PERMIT TO CONSTRUCT

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-297

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

A. Chapter XI. yes

B. Chapter XII.

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

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

No

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

YES

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

No

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

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

Section 9(c),(i)(b) The minimum size sewer pipe to be used is 6 inch.

B. Briefly state the basis for the deviation.

The proposed 4" main connects 3 buildings to a septic system and is large enough for the proposed flows of the facility.

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

Not Applicable

- 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.)

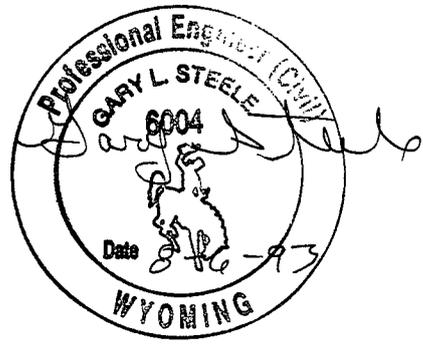
Not Applicable

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

Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

**PROJECT:** TRI-REI SUBDIVISION  
**ENGINEER:** Intermountain Professional Services  
Peter J. Hutchison  
1816 Central Avenue  
Cheyenne, WY 82001  
**APPLICANT:** Reiman Corporation  
501 East 15th  
Cheyenne, WY 82001

**WATER QUALITY REFERENCE NUMBER:** 93-297  
**APPROVING ENGINEER:** Gary Steele  
**DATE OF REVIEW:** 8-6-1993



**ACTION:** NOT AUTHORIZED FOR CONSTRUCTION

**COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:**

- 1 of 13 The plans need to stamped by a Registered Wyoming Professional Engineer. If the plans are not bound then every sheet needs to be stamped.
- 2 of 13 The plans submitted need to be for construction. Please remove the statement "Plans for permitting purposes only not to be used for construction".
- 3 of 13 The distances from the well to the septic tank and leach field needs to be shown.
- 4 of 13 Details of the septic tank or an approved manufacture needs to be provided with the plans so that its design can be verified.
- 5 of 13 Please indicate why the H-20 loading is being required for the Infiltrator units.
- 6 of 13 WQD Rules and Regulations Chapter XI indicates that a collection system main is any collection line that has 2 or more buildings connected to it. Chapter XI also indicates that minimum main size is 6 inch. Please provide the calculations that shows the 4 inch main is adequate.

Review of Plans & Specs - 93-297  
August 6, 1993  
Page 2

- 7 of 13 The design and details of the septic system distribution box needs to be provided.
- 8 of 13 Please provide the name of the manufacturer of the Infiltrator units.
- 9 of 13 The depth to groundwater and bedrock needs to be re-searched to verify that the minimum separation distances from groundwater and bedrock to the bottom of the leach field has been met.
- 10 of 13 This project is within the Section 201 boundaries and will require a statement on the permit which will require the owner to hook onto a public sewer system when it becomes available.
- 11 of 13 A leachfield replacement area does need to be shown on the plans. The replacement area must also meet all of the separation requirements given in Chapter XI.
- 12 of 13 The application must be signed by the owner in accordance with Chapter III of the WQD Rules and Regulations.
- 13 of 13 Specifications must be provided or the accepted Standard Specifications to be used must be shown on the plans.

Please address the items given above and submit three copies of the corrected plans, specifications and design report.

/nc 33713.LTR

**PERMIT TO CONSTRUCT**

- New  
 Renewal  
 Modified

Permit No. 93-298  
\* **CONDITIONED** \*

**City of Worland Waterline Replacement**  
(Name of Facility)

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

City of Worland

Thomas C. Bancroft

P.O. Box 226

Worland, WY 82401

to construct 680 +/- feet of six (6) inch PVC waterline according to the procedures and conditions of the application No. 93-298. The facility is located in the NW1/4, SW1/4, Section 30, T47N, R92W, City of Worland, in the County of Washakie, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

The issuance of this permit 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:

*for* Laurence Robinson  
Administrator  
Water Quality Division

Annis  
Director  
Department of Environmental Quality

9-13-93  
Date of Issuance

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

GL  
34207.LTR

STANDARD CONDITIONS 1 through 4

1. of 4            The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
  
2. of 4            The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4            Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
- a.        Date that construction of the facility was completed; and
  - b.        Date that the facility was placed in operation; and
  - c.        Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.        Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4            The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-298

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. N/A

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

Statement of Basis  
93-298  
September 7, 1993

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

N/A

- VI. Documentation of Statement of Basis.

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

**PERMIT TO CONSTRUCT**

- New
- Renewal
- Modified

Permit No. 93-299R  
\* **CONDITIONED** \*

**Axtell Ranch Septic Tank/Leach Field**  
(Name of Facility)

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

Debbie Axtell

P.O. Box 1229

Thermopolis, WY 82443

to construct a septic tank/leach field to serve ranch house according to the procedures and conditions of the application No. 93-299R. The facility is located in SE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 8, T43N, R94W in the County of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

The issuance of this permit 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.

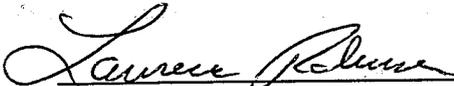
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

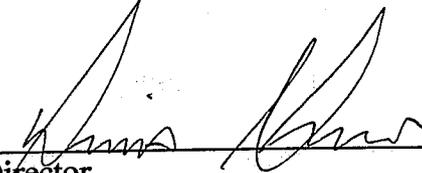
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

9-20-93  
Date of Issuance

This permit does not 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.

Permit to Construct #93-299  
Axtell Ranch Septic Tank/Leach Field

2. of 4            The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
  
3. of 4            Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a.            Date that construction of the facility was completed; and
  - b.            Date that the facility was placed in operation; and
  - c.            Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d.            Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
  
4. of 4            The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

JH/jyi/nc 34235.LTR

## STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-299R

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.

NO

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

NO

Statement of Basis  
93-299R

- 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.

JH/jyi/nc 34235.LTR

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 93-300R  
\* **CONDITIONED** \*

Flagg Ranch Water & Sewer  
(Name of Facility)

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

National Park Service

Wayne A. Malcom, Chief, Branch of Design

P.O. Box 25287

Denver, CO 80225-0287

to construct a water distribution system and sanitary sewer collection system (incl. two (2) lift stations, and pressure sewer) according to the procedures and conditions of the application No. 93-300R. The facility is located in W 1/2, Section 21, T48N, R115W, 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.

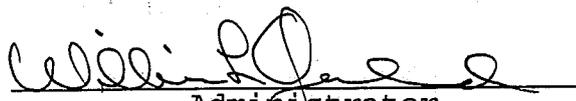
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

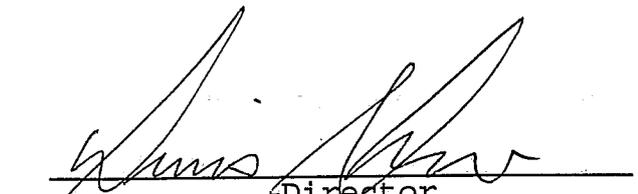
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

10-7-93  
\_\_\_\_\_  
Date of Issuance

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

GL

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-built plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

b/34653.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-300R

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

Statement of Basis  
93-300R  
October 5, 1993

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

N/A

- VI. Documentation of Statement of Basis.

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

b/34654.ltr