

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 92-101
SPECIAL CONDITIONS

B. B. Brooks Septage Land Application

This permit hereby authorizes the applicant:

B. B. Brooks Co.
Box 1050
Casper, Wyoming 82602

to construct, install or modify Residential Septage Land Application according to the procedures and conditions of the application number 92-101. The facility is located in various sites in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of five (5) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

4-10-92

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 4. Only domestic septic tank wastes (septage) may be applied in accordance with Section 54 of Chapter XI of DEQ/WQD regulations. This septage must originate on land owned by B. B. Brooks Company. No analysis will be required.
- 2 of 4. The septage pumpings shall only be applied to land where grazing animal access is restricted for one month and public access is restricted for twelve (12) months.
- 3 of 4. While this permit is valid for five years, septage can only be applied to any specific area once.
- 4 of 4. Please notify the Natrona County Health Department at 235-9340 at least 24 hours in advance of any land application. This notification should include the source septic tank and the application site.

PERMIT TO CONSTRUCT

- [X] New
[] Renewal
[] Modified

PERMIT NO. 92-102

EBNPDES 002 Reservoir Overflow Modification
(Name of Facility)

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

Amax Coal Company Eagle Butte Mine
P. O. Box 3005
Gillette, Wyoming 82717-3005

to construct, install or modify an overflow pipe facility according to the procedures and conditions of the application No. 92-102. The facility is located in Section 21, Township 51 North, Range 72 West, in the County of Campbell in the State of Wyoming. This permit shall be effective for a period of one (1) year (five (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: State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

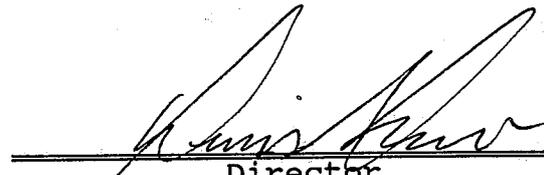
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

4-30-92

Date of Issuance

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

SCF/pr:EA4/24

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 92-103

Rock River 5th Street Water Line

This permit hereby authorizes the applicant:

Town of Rock River
P.O. Box 280
Rock River, WY 82083-0280

to construct, install or modify water line extensions according to the procedures and conditions of the application number 92-103. The facility is located in Section 6 T20N R76W in the county of Albany, 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

7-1-92

Date of Issuance

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

LBH/bb/21918.doc

cc: Banner and Associates, Inc.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

Herschler Bldg, 4 West
Cheyenne, Wyoming 82002

PROJECT: Rock River System Distribution Improvements

ENGINEER: Banner Associates
P.O. Box 550
Laramie, WY 82070

APPLICANT: Town of Rock River
P.O. Box 280
Rock River, WY 82083

WATER QUALITY DIVISION REFERENCE NUMBER: 92-103

REVIEWING ENGINEER: Lou Harmon

DATE OF REVIEW: May 8, 1992

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- 1 of 2. All Permits to Construct for municipal systems require the design, seal, and signature of a Wyoming licensed engineer.
- 2 of 2. A brief engineering report that makes an analysis of the flows at maximum use and during fire flows is necessary. The plans and specifications should address construction details, spacing to sewer lines, and disinfection procedures.

LH/jn
21331.LTR



PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 92-104R

Skyview Estates Subdivision Water and Sewer
(Name of Facility)

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

Jay Gee Brothers

P.O. Box 173

Evanston, WY 82931

to construct a water supply and sewage collection system according to the procedures and conditions of the application No. 92-104R. The facility is located in the Northeast 1/4 of Section 16, Township 19 North, Range 105 West in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

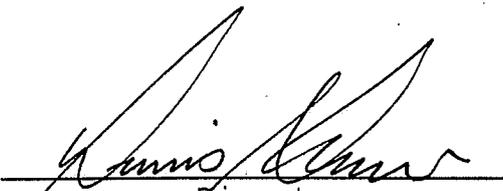
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5-18-92

Date of Issuance

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

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 92-105

TOWN OF SUNDANCE 1992 SEWER IMPROVEMENTS
(Name of Facility)

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

Town of Sundance
213 Main Street
Sundance, Wyoming 82729

to construct, install or modify a sewage collection facility according to the procedures and conditions of the application No. 92-105. The facility is located in Section 13, Township 51 North, Range 63 West, in the County of Crook in the State of Wyoming.

This permit shall be effective for a period of one (1) year (five (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.

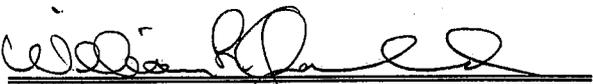
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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: State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

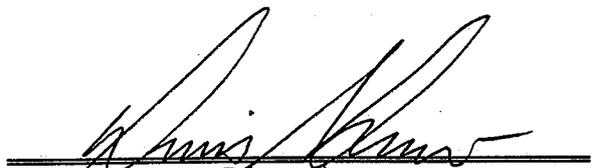
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

4-16-92

Date of Issuance

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

SCF:pr

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 92-106

North Butte Evaporation Ponds One & Two
(Name of Facility)

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

Pathfinder Mines Corporation
P. O. Box 730
Mills, Wyoming 82644

to construct, install or modify a evaporation pond facility according to the procedures and conditions of the application No. 92-106. The facility is located in Section 24, Township 44 North, Range 76 West, in the County of Campbell in the State of Wyoming. This permit shall be effective for a period of one (1) year (five (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: State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

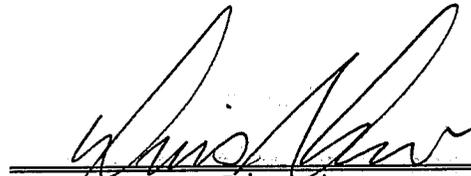
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

4-30-92

Date of Issuance

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

✓
SCF/pr:4/24

SPECIAL CONDITIONS

- 1 of 2. The results of any analysis completed on the liquid collected from the leak detection system should be submitted to the Water Quality Division within a reasonable time period.
- 2 of 2. The Water Quality Division shall be notified within 24 hours in the event a leak is confirmed.

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 92-107
** CONDITIONED **

Fir Creek Ranch
(Name of Facility)

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

Roger Altman

P. O. Box 190

Moran, WY 83013

to construct a groundwater monitor/test well according to the procedures and conditions of the application No. 92-107. The facility is located in NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T45N, R113W 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.

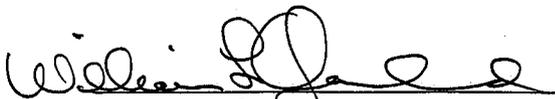
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

4-22-92
Date of Issuance

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

jyi

SEE CONDITIONS CONTINUED ON PAGE 3

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 92-107. Additional wells meeting the requirements of 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 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.
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. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;

- b. The borehole diameter shall be at least four inches larger in diameter than the casing diameter;
 - c. 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;
 - d. 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;
 - e. 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;
 - f. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
 - g. A protective casing and locking cap is required;
 - h. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
 - i. A seal of bentonite or bentonite grout is required from the surface to a foot or two above the top perforation. Protective casing shall be cemented into a sloping concrete cap; and
 - j. All monitor wells shall be designed so that they contain a minimum of 3 feet of water at all times.
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 60 days of issuance of this permit, a report on the well testing and 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 elevations;
 - b. Final location, construction details and logs of all monitoring wells;

- 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 map delineating the extent of the subsurface contamination including free product, soil and dissolved groundwater contamination and concentrations;
 - h. A potentiometric surface map showing the direction of groundwater movement; and
 - i. Results of the pump test including aquifer characteristics.
 - j. 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 All monitor wells associated with this facility shall be sampled and the wastewater analyzed one time for BETX (EPA Method 502.2 or 602), TPH (EPA Method 418.1).

If free product is found the above analysis will not be required, but the thickness of product shall be measured.

The results of these analyses shall be submitted to the Lander office in the report due in 60 days. Depending on the results of these analyses, additional sampling and analysis may be required by the Water Quality Division. A sampling schedule will be developed at that time.

11. 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. The disposal method for the water from development and the pump test must be approved by the Department of Environmental Quality, Water Quality Division in Lander prior to disposal.

cc: Jake Strohman

PERMIT TO CONSTRUCT

New

Permit No. 92-108

** CONDITIONED **

Renewal

Modified

Ft. Bridger Sewer Replacement

(Name of Facility)

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

Ft. Bridger Water and Sewer District

P. O. Box 2

Ft. Bridger, WY 82933

to a replace existing lift station and line with new sewer collection line according to the procedures and conditions of the application No. 92-108. The facility is located in SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33, T16N, R115W in the County of Uinta, 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.

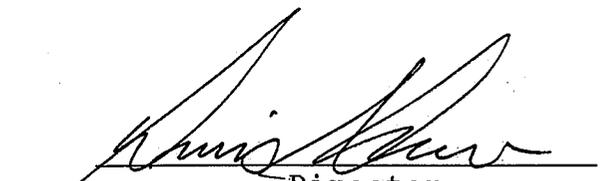
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

4-22-92
Date of Issuance

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

BL/jyi

**** CONDITIONED ****

1. Because this sewer line is to be installed on less than minimum grade, it should be flushed at least twice a year with a minimum flow of 700 gpm. Flushing may be necessary on a more frequent basis and should be provided as stipulated above.

PERMIT TO CONSTRUCT

New

Permit No. 92-109

Renewal

Modified

Bakken Avenue Water Line

(Name of Facility)

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

City of Cody

1338 Rumsey Avenue

Cody, WY 82414

to construct a 8" water line along Bakken Avenue in Cody according to the procedures and conditions of the application No. 92-109. The facility is located in Tract 40, T53N, R101W, resurvey 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.

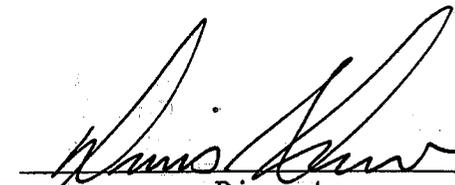
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

4-30-92
Date of Issuance

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

JH/jyi

LAND APPLICATION PERMIT

- [] New
[X] Renewal
[] Modified

PERMIT NO. 92-110
(Ref. 91-138)
SEE SPECIAL CONDITIONS

FOUR HORSE OIL FIELD DUST CONTROL
(Name of Facility)

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

Stewart Petroleum Corporation
14 Inverness Drive, East H-240
Englewood, Colorado 80112

to land apply produced water to roads for dust control according to the procedures and conditions of the application No. 92-110. The application site is located in Sections 3, 5, 9, 10, T47N, R68W, in the County of Campbell in the State of Wyoming. This permit shall be effective until November 1, 1992.

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.

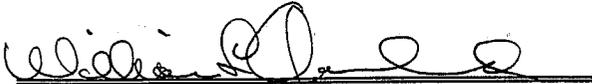
Nothing in this permit constitutes an endorsement of the disposal method described herein. This permit indicates only that standards required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the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

5-14-92

Date of Issuance

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

LAND APPLICATION SPECIAL CONDITIONS

1 of 6. Produced water shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist. Water shall not be applied during the period from November 1 to April 10.

2 of 6. The application site slope shall not exceed 8 percent (8%) for vehicular application.

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

4 of 6. This permit is in effect from the date of issuance to November 1, 1992. Any water application after that time period must be repermited.

5 of 6. This permit is contingent on the application receiving approval from the appropriate Federal Agency should application occur on Federal lease roads, or if water is used from Federal leases.

Land Application Special Conditions (Cont.)

6 of 6. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, 2161 Coffeen Avenue, Annex, telephone number 307/672-6457, to arrange a field inspection prior to initiation of work. The District Engineer should be notified at least 48 hours in advance of discharges and must be informed how much waste will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.

DRM/pr:5/08

cc: Mr. Rod Randall
BLM
1101 Washington Blvd.
Newcastle, WY 82701

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 92-111
SPECIAL CONDITIONS

Westland Park/Red Butte Village Collection Sewer System

This permit hereby authorizes the applicant:

Westland Park & Red Butte Village I&S District and JPB
P.O. Box 1343
Mills, Wyoming 82644

to construct, install or modify Westland Park/Red Butte Village Collection Sewer Project according to the procedures and conditions of the application number 92-111. The facility is located in Section 22 and 27, 1/4 Sections 22 SE & SW and 27 NE & NW, T33N, R80W in the county of Natrona, 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: Program Supervisor, CMAG 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

7-30-92

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 4. This permit includes a waiver from the minimum velocity requirements of pressure sewers. Velocities in the 2-inch pressure sewers will not maintain 2.5 feet per second (fps), as required. Due to the nature of the solids carried by these lines, maintaining a normal minimum velocity will not be necessary.
- 2 of 4. This permit includes a waiver from the required 400 foot maximum spacing between manholes for the section of interceptor between manholes 1 and 2. The increase in the maximum spacing between manholes is necessary due to the connection of the Westland Place line at the location of MH No. 2.
- 3 of 4. This permit includes a waiver from the stream crossing pipe material requirements for the Cabin Creek crossing. Scour and erosion protection will be provided with rip rap and erosion control fabric.
- 4 of 4. This permit includes a waiver from the requirement that all electrical controls comply with the National Electrical Code, Class 1, Group D, Division 1

PERMIT NO. 92-111

locations. The Fire Prevention and Electrical Safety Department has indicated that the requirements for Class 1, Division 1 wiring methods for septic tank effluent lift pumps and related controls may not be appropriate. Guaranteed submergence of the pumping unit is provided by means of a redundant off switch and venting is provided through the building sewer, thus only a low hazard condition exists.

MAE/mad 22330.LTR

cc: John Thorburn, Westland Park/Red Butte Village I&S District
CEPI, Casper



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

July 28, 1992

John Thorburn
Westland Park & Red Butte
Improvement and Sewer District and JPB
P.O. Box 1343
Mills, Wyoming 82644

RE: Federal Sewage Works Grant C560266-94 (Step 4); Westland Park/Red Butte Village Collection System, WQD Ref. No. 92-111, Permit to Construct

Dear Mr. Thorburn:

The plans and specifications for the Westland Park/Red Butte Village Sewer Project have been reviewed by the State of Wyoming Department of Environmental Quality. This office hereby approves the plans and specifications with the exception of the following required modifications. Enclosed is the permit to construct.

1. Air release facilities shall be provided at the high point in the pressure sewers whenever the pipe crown elevation falls below the pipe invert elevation. Access to air release manholes shall not be in traffic ways.
2. Cleanouts shall be provided at 400 foot maximum spacing in pressure piping four inch diameter or less. Cleanouts are generally located at changes in pipe direction, at ends of pipelines, and at major pipe confluences.
3. The profile of all pressure sewers shall be provided and the location of all features such as clean out/flushing stations, aerators, air release facilities, isolation and check valves, etc., shall be shown on the profile.

John Thorburn
July 28, 1992
Page 2

Items 1 through 3 can be handled by submittal of a change order for review and approval. This permit does not supersede the requirement for obtaining any permits from local or state agencies.

The procedure for submission and approval of modifications to the approved plans and specifications is the same as for the original set; i.e., five copies of any proposed modifications, together with an explanation for the modifications should be forwarded to us. Unauthorized modifications of approved sets of plans and specifications may result in suspension of federal participation in the project. We are sending the approved plans and specifications for the referenced project. The approved plans and specifications must be kept onsite at all times so that personnel from this office may have access to them during inspection activities.

The following points should be brought to your attention at this time:

1. Contracts may not be awarded until authorization has been given by the Department of Environmental Quality.
2. Prior DEQ approval is required for the rejection of bids on any contract on this project.
3. Bidders must submit, with their bid, a signed statement as to whether they have previously performed work subject to the President's Executive order Number 11246.
4. Contact EPA if any questions arise concerning MBE/WBE utilization on this project.
5. The project was advertised and bids opened prior to authorization to do so. Construction Administration services are those which occur after approval of the plans and specifications and the authorization to advertise for bids. Only those costs for engineering services associated with Construction Administration incurred after July 27, 1992 will be eligible for Federal funding.
6. The eligibility of the pressure sewer construction costs will be determined following review and approval of an executed change order providing for air release facilities and cleanouts.

John Thorburn
July 28, 1992
Page 3

You are reminded to complete the enclosed checklist and associated documentation now that bids are opened. Following approval of the enclosed checklist and associated documentation by the State of Wyoming Department of Environmental Quality, you will be notified that the construction contract may be awarded.

Sincerely,



William L. Garland
Administrator
Water Quality Division

WLG/MAE/mad 22329.LTR

cc: Carl Heskett, EPA Region VIII
J. Mark Spears, CEPI, Casper
Grant File

PERMIT TO CONSTRUCT
CORRECTED COPY

- New
 Renewal
 Modified

Permit No. 92-112
CONDITIONED

West Fuller Ranch Reservoir Road Application
(Name of Facility)

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

TCF, Inc.

718 17th St. Suite 1000

Denver, CO 80202

to road apply 4400 bbls. of reserve pit fluids according to the procedures and conditions of the application No. 92-112. The facility is located in Sec 25 & 26, T36N, R94W in the County of Fremont, 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 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.

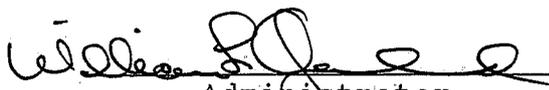
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

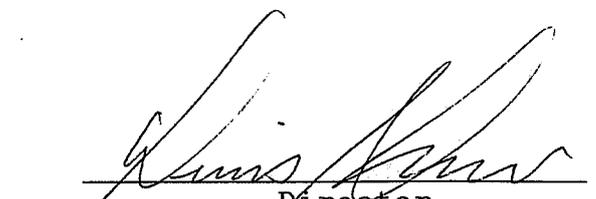
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

4-22-92
Date of Issuance

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

SG

cc: Lynn Barlow, BLM, P.O. Box 589, Lander

CONDITIONS

1 of 6. Wastewater shall be applied by a method and at a rate which will prevent runoff of fluid anytime or ponding

after incorporation into the road. Applications shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.

- 2 of 6. The slope of the roads application shall not exceed 8 percent.
- 3 of 6. Application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainage, irrigation canals, lakes and reservoirs.
- 4 of 6. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, Steve Gerber, phone number 332-3144, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of application and must be informed how much wastewater will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.
- 5 of 6. Wastes will not be applied during the period from November 1 to April 15.
- 6 of 6. Only the roads designated in this permit are authorized for application of the wastewater. Additional or alternate sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the Water Quality Division.

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 92-113R

Black Butte Coal Company Pond EP-10
(Name of Facility)

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

Black Butte Coal Company

P. O. Box 98

Point of Rocks, WY 82942

to construct a pond to collect water from the coal plant wash down area according to the procedures and conditions of the application No. 92-113R. The facility is located in the Northwest 1/4 of Section 23, Township 19 North, Range 100 West in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

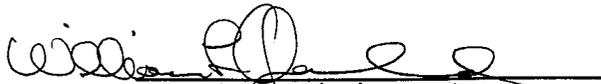
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

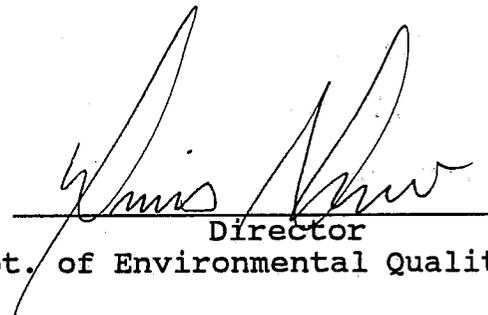
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5-18-92

Date of Issuance

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

SR/sr

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 92-114R

Black Butte Coal Company Pond SP-B3
(Name of Facility)

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

Black Butte Coal Company

P. O. Box 98

Point of Rocks, WY 82942

to construct a pond to collect runoff from an equipment readi-line and coal stockpile according to the procedures and conditions of the application No. 92-114R. The facility is located in the Southwest 1/4 of Section 14, Township 19 North, Range 100 West in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

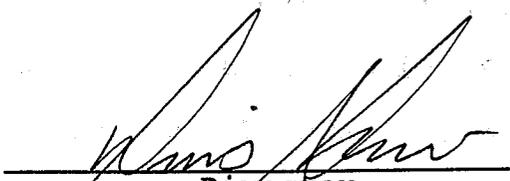
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5-18-92

Date of Issuance

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

SR/sr

PERMIT TO CONSTRUCT

PERMIT NO. 92-115

New
 Renewal
 Modified

CAMP GUERNSEY WATER WELL ARNG #9

This permit hereby authorizes the applicant:

Wyoming Army National Guard Construction and Facility Management Office
P. O. Box 1709
Cheyenne, WY 82003-1709

to construct, install or modify a water well according to the procedures and conditions of the application number 92-115. The facility is located in NE¼ Section 2 T26N R66W in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

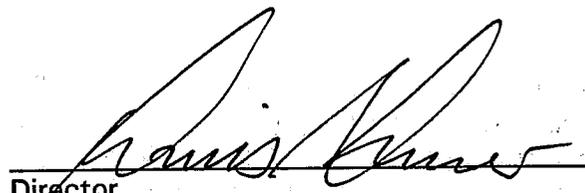
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

7/15/92

Date of Issuance

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

LBH/jn
22058.LTR

cc: Weston Engineering

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: WYOMING ARNG CAMP GUERNSEY WATER WELL DEVELOPMENT

ENGINEER: Jerry Hall
Weston Engineering
P. O. Box 260
Upton, WY 82730

APPLICANT: Military Department
State of Wyoming
5500 Bishop Blvd.
P.O. Box 1709
Cheyenne, WY 82003-1799

WATER QUALITY DIVISION REFERENCE NUMBER: 92-115

REVIEWING ENGINEER: Ronald L. Ewald

APPROVING ENGINEER: Louis B. Harmon

DATE OF REVIEW: June 30, 1992

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The Wyoming Department of Environmental Quality / Water Quality Division (DEQ/WQD) has received and reviewed the "Engineering Design Report" and additional information submitted in response to the concerns raised by the WQD in the first review dated June 24, 1992. Most of the questions and concerns raised in the first review were adequately addressed and answered except for the following issue.

The submittals indicate that no disinfection equipment is currently planned for this new well. Based on the Wyoming DEQ Water Quality Rules and Regulations found in Chapter XII the WQD must require that chlorination or other acceptable disinfection facilities be installed on this new well. This requirement is found in Chapter XII, Section 10, (k), (ii), (B) which states;

"(B) For plants treating groundwater, provisions shall be made for applying disinfectant to a point in the finished water supply line prior to any commercial, industrial, or municipal user. Agricultural users may remove water from the supply line prior to disinfectant application point."

Additionally, based on the WQD's awareness of iron bacteria problems which are often encountered with the Madison Formation water; it is recommended (but not required) that the disinfectant be added down the well instead of at the distribution point.



Review WQD Ref. #92-115
June 30, 1992

Also, please note the following conditions which will be required in the final permit:

- A) An operation and maintenance (O&M) manual will be required for all of the mechanical and electrical components of this facility which describes the operation, maintenance, and safety features of the equipment. This O&M manual should also include specifications for the pump selected, and well production test results such as static water level, pump capacity-head characteristics, depth of test pump, pumping rates, drawdown characteristics, recovery rates, and other pertinent information.
- B) The pumping plant design for the well can only have a maximum pumping rate of no more than two thirds ($2/3$) of the stabilized maximum production rate for the well as determined by the yield and drawdown tests. These tests must be conducted in accordance with Chapter XII, Section 9, (b), (ii), (A).
- C) The well test results, O&M manual, and final as-built plans will be required to be submitted to DEQ/WQD before the well is placed into operation.

If you have any questions regarding this review please call Ron Ewald at 777-6183, or Lou Harmon at 777-7088.

/jn
21982.ltr

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: WYOMING ARNG CAMP GUERNSEY WATER WELL DEVELOPMENT

ENGINEER: Jerry Hall
Weston Engineering
P. O. Box 260
Upton, WY 82730

APPLICANT: Military Department
State of Wyoming
5500 Bishop Blvd.
P.O. Box 1709
Cheyenne, WY 82003-1799

WATER QUALITY DIVISION REFERENCE NUMBER: 92-115

REVIEWING ENGINEER: Ronald L. Ewald

APPROVING ENGINEER: Louis B. Harmon

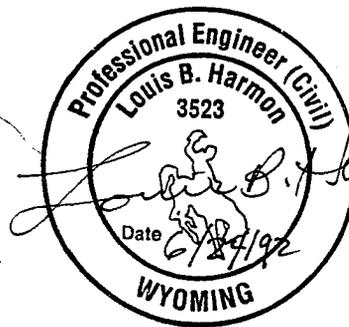
DATE OF REVIEW: June 24, 1992

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The application and plans as submitted did not contain an Engineering Design Report which is intended to both describe and provide technical justification for all aspects of the project; including existing conditions, suspected problems, if any, proposed actions, and the reasoning used to arrive at the proposed actions. Areas of concern and questions regarding this proposed project which are inadequately addressed include:

1. What is the existing arrangement of this facility and how is the new well to be incorporated into the system? What is the current source of water and how much is available? What are the system requirements, and how much can the new well provide?
2. Will any old parts of the system remain in use, be disconnected, or permanently abandoned?
3. Will any other wells or sources of water be connected in any way to the new well?
4. What is the storage capacity of the water tank?
5. Exactly where and how does the water tank drain/overflow line terminate? What is around the termination point?



Review WQD Ref. #92-115
June 24, 1992

6. What are the elevations of key points of the system?
7. Well detail questions---
 - a. Are casing vents to be provided?
 - b. Is the new well in a flood plain? If so, describe protection provided.
 - c. Need descriptions of anticipated soil strata to be encountered and whether or not more than one aquifer will be penetrated.
 - d. Are any possible sources of contamination within the proximity of the proposed well location?
 - e. What are the exact elevations of the well head casings and pump house floor relative to the existing and/or final grade? Is the pump house floor sloped away from the well casing?
 - f. Please provide details and descriptions of the well development procedures to be employed.
8. Water Quality Questions---
 - a. What is the expected raw water quality and projected flow rate from this new well?
 - b. What are the post construction disinfection plans for this well prior to being placed into service?
 - c. Is a chlorination system planned for this well? If so, please describe. If not, why not?

These concerns can be addressed through a combination of an Engineering Design Report (as required by Section 6 of Chapter XII) and additional design plan drawings. Please consult Chapter XII of the Wyoming DEQ Water Quality Rules and Regulations for specific design requirements for the areas of concern mentioned above. Chapter XII also describes the purpose and scope of the Engineering Design Report.

Lastly, a new application needs to be submitted which is signed by the applicant (an appropriate representative of the Wyoming ARNG). The engineer cannot sign for the applicant as was done on the original application.

If you have any questions regarding these DEQ/WQD concerns please call Ron Ewald at 777-6183, or Lou Harmon at 777-7088.

/jn
21890.ltr

PERMIT TO CONSTRUCT

X New
 Renewal
 Modified

PERMIT NO. 92-116

ORCHARD VALLEY SANITARY SEWER IMPROVEMENTS PHASE II

This permit hereby authorizes the applicant:

South Cheyenne Water & Sewer District
215 East Allison Road
Cheyenne, WY 82007

to construct, install or modify sewer lines according to the procedures and conditions of the application number 92-116. The facility is located in NE 1/4 Section 18 T13N R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 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

4-22-92

Date of Issuance

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

LBH/nc 21158.LTR

cc: JACK NOBLITT AND ASSOC.
1920 THOMES, SUITE 620
CHEYENNE, WY 82001

PERMIT TO CONSTRUCT

PERMIT NO. 92-117
See Special Conditions

New
 Renewal
 Modified

TORRINGTON 28TH AVENUE - 25TH AVENUE WATERMAIN

This permit hereby authorizes the applicant:

Town of Torrington
2042 East A
Torrington, WY 82240

to construct, install or modify a water main according to the procedures and conditions of the application number 92-117. The facility is located in NE¼ Section 95 T24N R61W in the county of Goshen, 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.

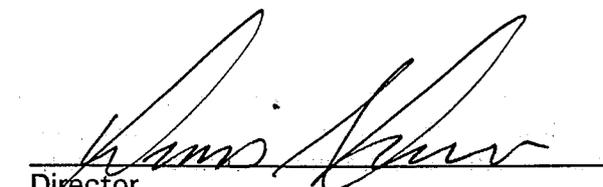
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

6-10-92

Date of Issuance

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

LBH/jn
21666.LTR

cc: Baker and Associates

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 92-118
SPECIAL CONDITIONS

Colorado Interstate Gas Company Statewide Anode

This permit hereby authorizes the applicant:

Colorado Interstate Gas Company
Attn/ L.D. Jensen
P O Box 1087
Colorado Springs, CO 80944

to construct, install or modify a deep groundbed anode system according to the procedures and conditions of the application number 92-118. The facility is located Statewide in Wyoming. This permit shall be effective for a period of five (5) years from the date of issuance of this permit.

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

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

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

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

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

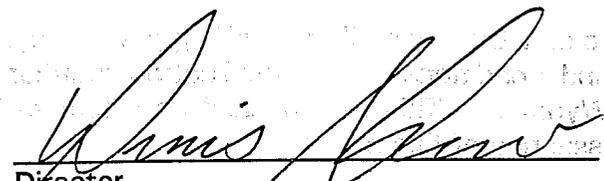
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

4-30-92

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 6. The cathodic protection deep anode ground bed shall be installed in accordance with the conditions of this permit and plans and specifications submitted in permit to construct application number 92-118.

- 2 of 6. After the deep anode bed has fulfilled its useful purpose, it shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of the Wyoming Water Quality Rules and Regulations. Within 15 days after the well is plugged and abandoned, the owner shall file a plugging record with the Water Quality Division.

- 3 of 6. In addition to the anode bed construction information submitted with the permit application, the following items relating to well construction must be addressed when the well is installed:
- a. The coke breeze shall be a high quality product containing a minimum of leachable metals or organic pollutants. The coke breeze shall not discharge any pollutant which will cause a groundwater standards violation.
 - b. Surface access to the anode shall be kept sealed and locked at all times when the anode is not actually being serviced.
 - c. Each separate aquifer penetrated shall require a separate breather pipe. Each aquifer shall remain in hydrologic isolation after installation of the anode if they were isolated before installation.
- 4 of 6. Within 45 days after the well is installed, as built construction plans shall be submitted to the Department of Environmental Quality, Water Quality Division, detailing that the groundwater was protected during the installation of the groundbeds.
- 5 of 6. If it becomes necessary to wet any anode installed under this permit, only water from an approved public water supply shall be used unless the Water Quality Division is first supplied with an analyses for approval. Waters that originate from other than an approved public water supply shall not be used unless first approved.
- 6 of 6. An unlimited number of similar anodes may be installed statewide under this permit. This authorization applies to Colorado Interstate Gas Company and any of its subsidiaries operating in Wyoming. All anodes installed under this permit shall have similar construction specifications.

RFL/bb/21244.doc

cc: Jake Strohman, DEQ/WQD

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 92-119

Knodel Ranch Subdivision Duplexes Septic System
(Name of Facility)

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

Ralph Knodel, Jr.
11 Pintail Road
Sheridan, Wyoming 82801

to construct, install or modify a septic mound facility according to the procedures and conditions of the application No. 92-119. The facility is located in Section 34, Township 55 North, Range 84 West, in the County of Sheridan in the State of Wyoming. This permit shall be effective for a period of one (1) year (five (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.

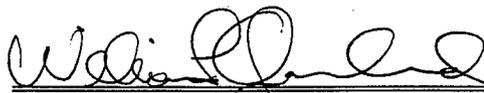
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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: State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

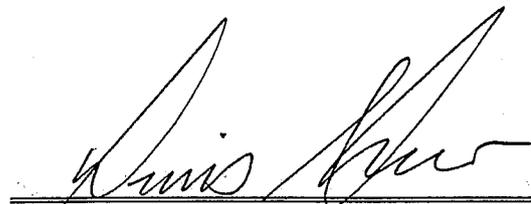
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

7-6-92

Date of Issuance

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

SCF/pr:6/01/92

PERMIT TO CONSTRUCT

New
 Renewal
Modified

PERMIT NO. 92-120
SPECIAL CONDITIONS

CATHEDRAL HOME FOR CHILDREN WASTEWATER SYSTEM IMPROVEMENTS

This permit hereby authorizes the applicant:

Cathedral Home for Children
P. O. Box "E"
Laramie, WY 82070

to construct, install or modify additions to the wastewater system according to the procedures and conditions of the application number 92-120. The facility is located in SW 1/4 Section 16 T16N R73W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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.

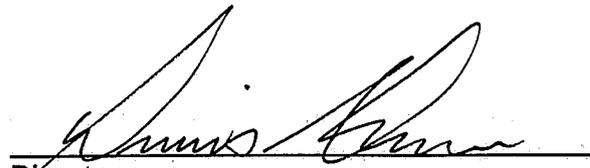
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

5-14-92

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 2. This permit allows additions to the septic tanks and drainfield constructed under Permit No. 87-153.
- 2 of 2. Any line serving two or more buildings is considered to be a sewer collection line by DEQ/WQD Chapter XI. All sewer collection lines shall have a minimum diameter of 6". It is suggested that the lines from the all purpose building and from the existing chapel be installed with 6" diameter pipe.

LBH/bb/21385.doc
cc: Coffey Engineering

PERMIT TO CONSTRUCT

PERMIT NO. 92-121
See Special Conditions

New
 Renewal
 Modified

LARCO East Boundary Extraction Wells

This permit hereby authorizes the applicant:

Sinclair Oil Company
P. O. Box 510
Evansville, WY 82636

to construct, install or modify extraction wells facility according to the procedures and conditions of the application number 92-121. The facility is located in SW¼ Section 5 T33N R78W in the county of Natrona, 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

6-10-92

Date of Issuance

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

Special Conditions for Permit to Construct 92-121

- 1 of 2. An operating and monitoring plan must be developed by LARCO and approved by DEQ/WQD before the wells may be placed in operation.

- 2 of 2. The two well program proposed does not appear to offer a complete barrier to the migration of contamination from the LARCO Refinery to the Brookhurst Subdivision. Such additional measures as necessary shall be taken to eliminate the migration of contamination past the east refinery boundary.

LBH/jn
21665.LTR

cc: J.M. Montgomery



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

April 23, 1993

Mr. Tom Aalto (8HWM-HW)
US EPA Region VIII
999 18th Street, Suite 500
Denver, CO 80202

RE: LARCO Refinery, Evansville, WY
EPA Interim Measures
Aquifer Evaluation Plan, April 14, 1993;
East Boundary Interception Wells
Ref. WQD #92-121

Dear Mr. Aalto:

LARCO has submitted to EPA and WQD the above-referenced plan/proposal to evaluate the uppermost aquifer in order to develop an Operation and Monitoring (O&M) program. Upon review of the plan, the Water Quality Division (WQD) has developed the comments presented in the attached Groundwater Pollution Control Program review form. WQD would appreciate your consideration of these comments prior to EPA's authorization of the aquifer test.

Please feel free to contact me if you have any questions.

Thank you.

Sincerely,

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

attachment

cc: David Stice, Sinclair
Don Fischer, WQD
Jake Strohman, WQD

KDF:jmm 31995.ltr

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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: AQUIFER TEST FOR REMEDIATION (EXTRACTION WELLS RW-07 & RW-08); (EPA Interim Measures)

APPLICANT: LARCO
Evansville, Wyoming

ENGINEER: David Stice, P.E.
Sinclair Oil Corp
550 E. South Temple
P.O. 30825
Salt Lake City, UT 84130-0825
(801)-524-2700

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 92-121

EXISTING NEW

PROPOSAL PLANS REPORT (Check each that applies)

DATE ON PROPOSAL/PLANS/REPORT: April 14, 1993

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

YES NO (IF YES, PERMIT #92-121)

REVIEWING GEOLOGIST/ENGINEER: K. Frederick, P.G.

DATE OF LAST REVIEW: NA

DATE OF THIS REVIEW: April 23, 1993

ACTION: Comments provided to EPA. LARCO may proceed upon obtaining authorization from EPA.

COMMENTS: GROUNDWATER

1. LARCO should specify the number and location of wells to be used to monitor drawdown during the aquifer test. At least one of these observation wells should be situated between the pumping well and potential barriers (recharge: e.g. the North Platte river, and barrier: e.g. aquifer boundaries) to monitor the effects which may develop from either, or both, types of conditions. If aquifer test results indicate that boundary

conditions exist, image wells should be considered when calculating resultant cones of depressions.

2. In addition to barometric pressure data, LARCO should also record the periods of railroad traffic along the rail line(s) South of the property boundary. Hydraulic loading on shallow groundwater from passing trains is known to affect water levels in nearby observation wells.
3. Upon indication that the aquifer test well's flow regime may be influencing the Mystery Bridge CERCLA plume, LARCO should contact EPA and obtain approval to proceed.
4. WQD requests copies of: data generated from the aquifer test; data analysis methods and results; and groundwater flow model parameters and results.

COMMENTS: ENGINEERING

1. WQD requests that 'As-built' construction details and material specifications be provided for the wells and the discharge piping from the wells to the ABTU should either differ from the design and material specifications included in the application to WQD for Permit to Construct #92-121.

KDF:jmm 31995

SE/LARCO/92-121-12

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 92-122

WTD Shop Sumps in Torrington

This permit hereby authorizes the applicant:

Wyoming Department of Transportation
PO Box 1708
Cheyenne, WY 82002-9019

to construct, install or modify a double compartment sump according to the procedures and conditions of the application number 92-122. The facility is located in NE 1/4 NE 1/4 Section 09 T24N R61W in the county of Goshen, 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.

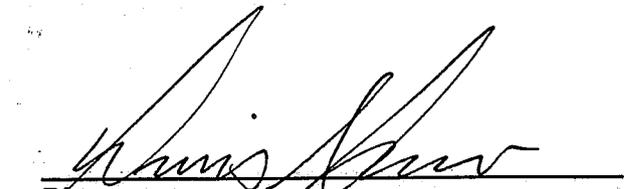
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

5-12-92

Date of Issuance

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

LBH/mad 21328.LTR

LAND APPLICATION PERMIT

PERMIT NO.: 92-123
SEE SPECIAL CONDITIONS

Wamsutter Sewage Lagoon
(Name of Facility)

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

Morris Bartlett, Inc.

Box 562

Hanna, WY 82327

to land apply 6.9 million gallons lagoon wastewater. The application site is located in SW $\frac{1}{4}$, Sec. 26, T20N, R94W in the county of Sweetwater in the State of Wyoming. This permit shall be effective for a period of one (1) years from the date of issuance of this permit.

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

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

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

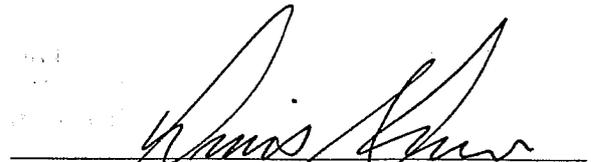
Nothing in this permit shall be construed to preclude the constitution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

4-30-92

Date of Issuance

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

CONDITIONS ON PERMIT

- 1/8 Wastewater shall be applied at a rate which will not produce runoff or ponding. Applications shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
- 2/8 The application site slope shall not exceed 8 percent for vehicular application or 15 percent for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
- 3/8 Wastewater application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainage, irrigation canals, lakes and reservoirs.
- 4/8 The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, Bill Locke or Sterling Roberts, 210 Lincoln St., Lander, WY 82520 phone number 332-3144, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of discharges and must be informed how much wastewater will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.

Wamsutter Sewage Lagoon
92-123

- 5/8 The application rate shall be limited to 4 inches over the specified roads and 40 acres. A daily log should be kept which documents the quantity applied, surface area and total dissolved solids (field measurement) concentration of the treated wastewater.
- 6/8 At least two composite samples shall be collected during this 6 month period and analyzed for the same parameters identified in the application. The results of the analyses shall be submitted to the DEQ/Water Quality Division within 30 days of the sampling.
- 7/8 Water Quality Rules and Regulations, Chapter VI, stipulates that the State of Wyoming will cooperate with other states of the Colorado River Basin (Green River) to eliminate the discharge of salts whenever it is economically and technologically practical. To comply with the intent of these regulations, no wastewater which exceeds a total dissolved solids concentration of 600 mg/l may be land applied under this permit.
- 8/8 A sludge management plan to handle and dispose of the residue solids from wastewater treatment system must be submitted to the DEQ/Water Quality Division by July, 1988. The plan should include the analytical results of a representative chemical analysis, quantity produced, and method of disposal.

PERMIT TO CONSTRUCT

New

Permit No. 92-124R

Renewal

Modified

Black Mountain Acres
(Name of Facility)

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

Lester K. Edmonds

P. O. Box 722

Thermopolis, WY 82443

to construct a septic tank/leach field for a four bedroom mobile home according to the procedures and conditions of the application No. 92-124R. The facility is located in SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32, T44N, R94W in the County of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of two (2) 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.

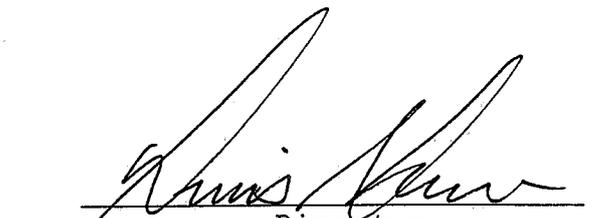
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

5/5/92

Date of Issuance

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

JH/jyi

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 92-125
SPECIAL CONDITIONS

Tumbleweed Bar Commercial Septic System

This permit hereby authorizes the applicant:

Zaneco A Company
4072 I-80 Service Road
Cheyenne, Wyoming 82060

to construct, install or modify commercial septic system according to the procedures and conditions of the application number 92-125. The facility is located in SE 1/4 Section 23 T14N R64W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 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.

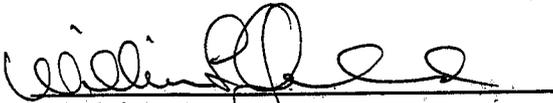
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following

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

6-16-92

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 2. DEQ/WQD accepts the design load of 800 gallons/day based on 350 gallons/day for a residential trailer plus estimates of 150 patrons per day at 3 gallons per patron. However, because this is a new facility in a new location with no previous customer history the owner is required to monitor the customer traffic at this establishment to determine if the 800 gallon/day loading rate is realistic and adequate. At such time that the 800 gallon/day rate is determined to be insufficient the owner will have expansion plans prepared and submit a new application to DEQ/WQD for review.

- 2 of 2. The permittee shall notify the Laramie County Environmental Health Division at least seven(7) 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 is located at 1700 Snyder Avenue, Cheyenne, Wyoming 82001; or can be reached by phone at (307) 638-4209.

RLE/nc 21749.LTR

cc: Laramie County Environmental Health Division

PERMIT TO CONSTRUCT

- [X] New
[] Renewal
[] Modified

Permit No. 92-126
** Condition on Permit **

Mountain Gas Resources, Inc., Granger Gas Plant Evaporation Ponds
(Name of Facility)

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

Mountain Gas Resources, Inc.

5613 DTC Parkway, Suite 200

P.O. Box 6525

Englewood, CO 80155-6525

to construct a two cell, lined evaporation pond according to the procedures and conditions of the application No. 92-126. The facility is located in the Southwest 1/4 of Section 16, Township 18 North, Range 111 West in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5/5/92

Date of Issuance

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

Condition on Permit

1/1 The pond leak detection ports will be checked on a monthly basis. An on-site log will be kept which documents the date the ports are checked and the person conducting the check. In the event that a leak is detected the DEQ/WQD Lander office is to be notified immediately at (307)332-3144.

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: ROBIN BLAKE RESIDENTIAL SEPTIC SYSTEM

ENGINEER: None - Designed by Owner

APPLICANT: Robin L. Blake
P.O. Box 133
Encampment, Wyoming 82325

WATER QUALITY DIVISION REFERENCE NUMBER: 92-127

APPROVING ENGINEER: Ronald L. Ewald, P.E.

DATE OF REVIEW: July 29, 1992

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

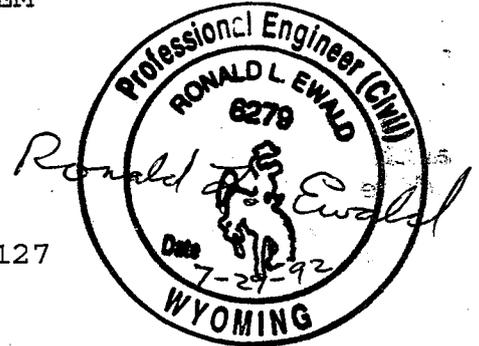
COMMENTS:

The plans, as submitted, do not adequately describe the septic tank. Please specify the brand name or manufacturer or provide detailed dimensions of the tank which you intend to use.

A previous permit (#88-374) issued for this same facility was issued in March of 1989. Your current application is unclear as to whether or not this application is for a second system in the same area; or possibly, the previously permitted system was never built. This needs to be cleared up before a permit can be issued.

Lastly, no percolation test data was submitted with this application. Are you intending to use the information from the previous application?

NOTE - This office has been trying to contact Robin Blake by phone for several weeks with no luck. Messages have been left with whoever is answering the phone, but obviously they have not been getting to Mr. Blake. Please contact Ron Ewald at 777-6183 to get this application moving again.



RE/bb/22393.doc

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 92-127
Reference # 88-374

SPECIAL CONDITIONS

Robin Blake Residential Septic System

This permit hereby authorizes the applicant:

Robin L. Blake
P.O. Box 133
Encampment, Wyoming 82325

to construct, install or modify a residential septic system according to the procedures and conditions of the application number 92-127. The facility is located in Section 05, T14N, R83W in the county of Carbon, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

The issuance of this permit 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.

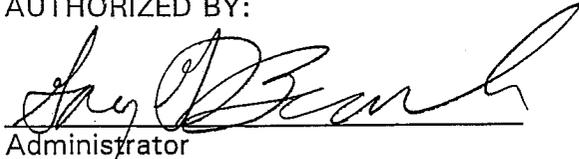
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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: SE District Supervisor, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

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

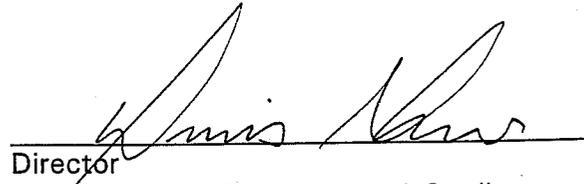
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

AUTHORIZED BY:



Administrator

Water Quality Division



Director
Department of Environmental Quality

5-2-95

Date of Issuance

RLE/jn - 51858.ltr

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

SPECIAL CONDITIONS 1 through 5

- 1 of 5. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5. The applicant will provide immediate oral and/or written notice to the SE District office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the SE District office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 5. Septic Tank - The Norwesco septic tank must be installed and operated in accordance with the manufacturer's precautions regarding filling the tank with water during burial and immediately after pumping in order to ensure the structural integrity of the unit.
- 5 of 5. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

cc: Nina Adams, Office Administrator - Carbon County Planning
Carbon Bldg., Suite 336
P.O. Box 487
Rawlins, Wyoming 82301

STATEMENT OF BASIS

I. General information.

A. Permit Number: 92-127

B. Facility Name: Robin Blake Residential Septic System

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

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

NOT Applicable

B. Briefly state the basis for the deviation.

NOT Applicable

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

NOT Applicable

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

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Ron Ewald, Senior Analyst, and completed on April 27, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

LAND APPLICATION PERMIT

- [] New
[x] Renewal
[] Modified

PERMIT NO. 92-128
(Reference 90-440)
SEE SPECIAL CONDITIONS

CROOK COUNTY ROAD NO. 12 ROAD APPLICATION
(Name of Facility)

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

Harold Burch & Kissack Water & Oil Service, Inc.
P.O. Box 404
Moorcroft, WY 82721

to land apply waste crude oil and sludges according to the procedures and conditions of the application No. 92-128. The application site is located in Section 22 & 26, T50N, R68W in the County of Crook in the State of Wyoming. This permit shall be effective until November 1, 1992.

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.

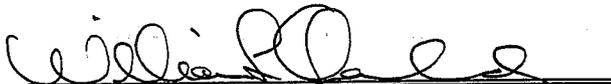
Nothing in this permit constitutes an endorsement of the disposal method described herein. This permit indicates only that standards required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the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

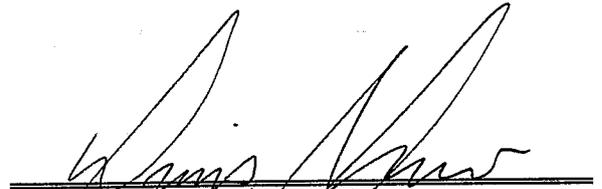
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

6-17-92

Date of Issuance

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

ARK
DRM/pr:6/09/92

LAND APPLICATION SPECIAL CONDITIONS

1 of 5. Crude oil stained soils shall be applied uniformly. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist. Crude oil stained soils shall not be applied during the period from November 1 to April 10.

2 of 5. The application site slope shall not exceed eight percent (8%) for vehicular application.

3 of 5. Crude oil stained soils application shall be terminated with 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.

4 of 5. Any waste crude oil and sludge application after November 1, 1992 must be repermited.

5 of 5. The permittee will contact the Department of Environmental Quality, Water Quality Division District Office, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801, telephone number 307/672-6457, to arrange a field inspection prior to initiation of work. The District Office should be notified at least 48 hours in advance of discharges and must be informed how much waste oil will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.

PERMIT TO CONSTRUCT

New

Permit No. 92-129R

Renewal

Modified

Cottonwood Park Phase IV - Blair Place Apartments
(Name of Facility)

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

Four Lazy F Ranch

P. O. Box 453

Jackson, WY 83001

to construct, install, or modify a 1390 LF water main and 1200 LF sewer main facility according to the procedures and conditions of the application No. 92-129R. The facility is located in NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 6, T40N, 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.

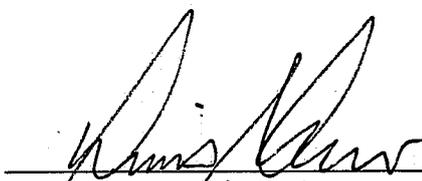
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

5-22-92

Date of Issuance

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

JH/jyi

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 92-130

Frontier Refining VRU Sewer Piping Plan

This permit hereby authorizes the applicant:

Frontier Oil Co.
P.O. Box 1588
Cheyenne, WY 82003

to construct, install or modify refinery storm water sewer according to the procedures and conditions of the application number 92-130. The facility is located in NE 1/4 Section 5 T13N 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

7-1-92

Date of Issuance

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

LBH/nc 21912.LTR

PERMIT TO CONSTRUCT

New

Permit No. 92-131

Renewal

Modified

Snow King Estates - Booster Pump Station
(Name of Facility)

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

Town of Jackson

P. O. Box 1687

Jackson, WY 83001

to construct a new booster pump building, control vault, three pumps, and controls according to the procedures and conditions of the application No. 92-131. The facility is located in SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34, T41N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

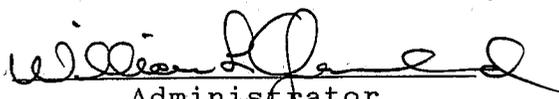
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

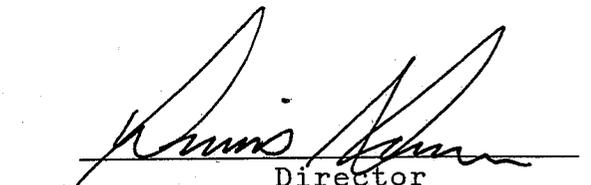
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:


Administrator
Water Quality Division


Director
Dept. of Environmental Quality

5-14-92

Date of Issuance

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

JH/jyi

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 92-132
SPECIAL CONDITIONS

PILOT TRAVEL CENTER, LARAMIE

This permit hereby authorizes the applicant:

Pilot Corporation
16426 Baum Drive
Knoxville, Tennessee 37919

to construct, install or modify water distribution and sewer collection improvements according to the procedures and conditions of the application number 92-132. The facility is located in SW 1/4 Section 29 T16N R73W in the county of Albany, 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.

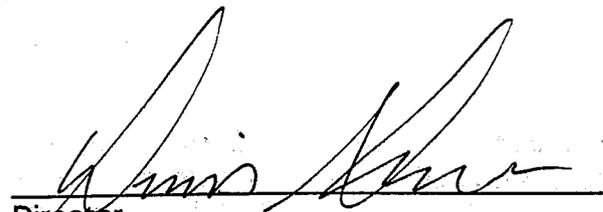
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

6-10-92

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 2. To meet the Wyoming DEQ Water Quality Rules and Regulations for Chapter 12 water distribution system valve spacing requirements the applicant shall either:
- A) Place two additional valves (one on the north water line and one on the south water line) immediately to the west of the fire hydrant tees on each line, or
 - B) Reduce the length of both the north and south water lines to 500 feet or less and place the plug and blowoff structure at this point, or
 - C) Cap and plug the two water lines immediately to the west of the fire hydrant tees with a blind flange or other appropriate arrangement (which could be replaced by a valve in the future as needed) and install the remaining pipe to the west to an additional length of no more than 500 feet, or
 - D) Submit plans for other options to DEQ/WQD for review and approval before starting construction.

PERMIT NO. 92-132

Note: If option A or C is chosen the blowoff arrangement will not be required at the west ends of the two dead end water lines.

2 of 2. Detailed as-built plans of these utility improvements must be submitted to DEQ/WQD within 60 days of completion of this project to verify compliance with all standard regulations and conditions specified above. These as-built plans shall be stamped and signed by a Wyoming licensed Professional Engineer.

RLE/bb/21575.doc

cc: Lloyd H. Baker, Gertsch/Baker & Associates
City of Laramie, Engineering Department

PERMIT TO CONSTRUCT

New

Permit No. 92-133R

Renewal

Modified

Ox-Yoke Acres Small Wastewater Facility
(Name of Facility)

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

Mr. Duane Baldwin

8889 Highway 191

Boulder, Wyoming 82923

to construct a septic tank and leach field facility according to the procedures and conditions of the application No. 92-133R. The facility is located in the Northeast 1/4 of Section 8, Township 32 North, Range 108 West in the County of Sublette, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

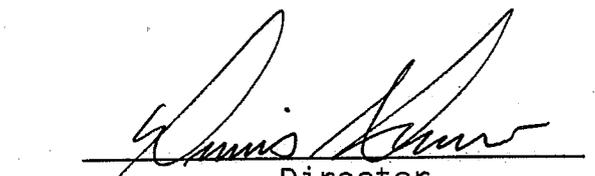
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5-18-92

Date of Issuance

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

SR/sr

PERMIT TO CONSTRUCT

[X] New

Permit No. 92-134R

[] Renewal

[] Modified

El Caballo Sewage Lagoon Lift Station
(Name of Facility)

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

North Uinta County Improvement & Service District

81 Elk Drive

Evanston, WY 82930

to install a lift station emergency power supply and alarm system according to the procedures and conditions of the application No, 92-134R. The facility is located in NW $\frac{1}{4}$, Sec 1, T16N, R121W in the County of Uinta, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

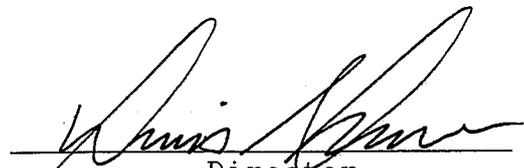
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:


Administrator
Water Quality Division


Director
Dept. of Environmental Quality

6-17-92
Date of Issuance

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

BL/jyi
cc: John Wagner, DEQ/WQD, Cheyenne

PERMIT TO CONSTRUCT

- [X] New
[] Renewal
[] Modified

PERMIT NO. 92-135

HAMPTON RESIDENCE SEPTIC SYSTEM
(Name of Facility)

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

Steve L. Hampton
P.O. Box 679
Upton, Wyoming 82730

to construct, install or modify a septic system facility according to the procedures and conditions of the application No. 92-135. The facility is located in Section 14, Township 47 North, Range 66 West, in the County of Weston in the State of Wyoming. This permit shall be effective for a period of one (1) year (five (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: State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

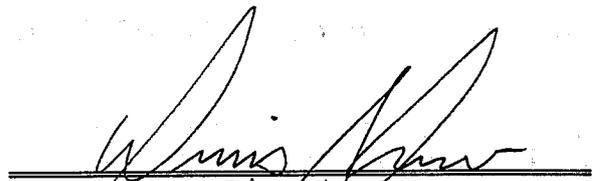
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

5-14-92

Date of Issuance

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

SCF/pr:5/06

PERMIT TO CONSTRUCT

New

Permit No. 92-136

Renewal

Modified

Afton Water Supply Improvements
(Name of Facility)

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

Town of Afton

416 Washington

Afton, WY 83110

to construct a 18" water supply line, well house, 1.0 MG Storage Tank and Telemetry System facility according to the procedures and conditions of the application No. 92-136. The facility is located in Sec. 15, 21, 22, 28, 29, 30, T32N, R118W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

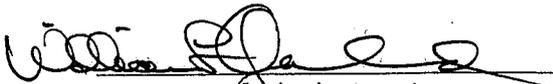
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

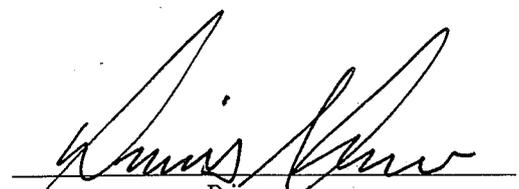
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5-18-92

Date of Issuance

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

BL/jyi

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 92-137

SACKETT SEPTIC SYSTEM

(Name of Facility)

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

Richard Sackett

SR 1, Box 39A

Sundance, WY 82729

to construct a septic system according to the procedures and conditions of the application No. 92-137. The facility is located in SW Section 14, Township 49 N., Range 62 W. 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 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

5-18-92

Date of Issuance

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

SCF/pr:5/11/92

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 92-138
SPECIAL CONDITIONS

TG Soda Ash, Inc. Statewide Anode

This permit hereby authorizes the applicant:

TG Soda Ash, Inc.
P O Box 100
Granger, Wyoming 82934

to construct, install or modify a deep groundbed anode system according to the procedures and conditions of the application number 92-138. The facility is located Statewide in Wyoming. This permit shall be effective for a period of five (5) years from the date of issuance of this permit.

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

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

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

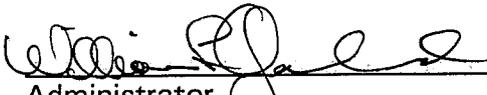
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

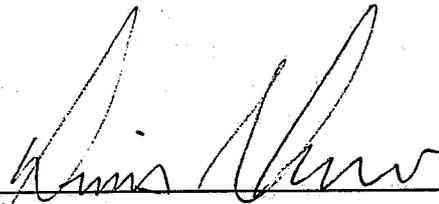
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

5-22-92

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 12. The cathodic protection deep anode ground bed shall be installed in accordance with the conditions of this permit and plans and specifications submitted in permit to construct application number 92-138.

- 2 of 12. After the deep anode bed has fulfilled its useful purpose, it shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of the Wyoming Water Quality Rules and Regulations. Within 15 days after the well is plugged and abandoned, the owner shall file a plugging record with the Water Quality Division.

- 3 of 12. In addition to the anode bed construction information submitted with the permit application, the following items relating to well construction must be addressed when the well is installed:
- a. The coke breeze shall have a total organic carbon content of no greater than two (2) percent.
 - b. All aquifers encountered while drilling shall be isolated from one another using a bentonite seal of at least three (3) feet in vertical dimension.
 - c. The coke breeze shall be a high quality product containing a minimum of leachable metals or organic pollutants. The coke breeze shall not discharge any pollutant which will cause a groundwater standards violation.
 - d. Surface access to the anode shall be kept sealed and locked at all times when the anode is not actually being serviced.
 - e. Each separate aquifer penetrated shall require a separate breather pipe. Each aquifer shall remain in hydrologic isolation after installation of the anode if they were isolated before installation.
- 4 of 12. Within 45 days after the well is installed, as-built construction plans shall be submitted to the Department of Environmental Quality, Water Quality Division, detailing that the groundwater was protected during the installation of the groundbeds.
- 5 of 12. If it becomes necessary to wet any anode installed under this permit, only water from an approved public water supply shall be used unless the Water Quality Division is first supplied with an analyses for approval. Waters that originate from other than an approved public water supply shall not be used unless first approved.
- 6 of 12. An unlimited number of similar anodes may be installed statewide under this permit. This authorization applies to TG Soda Ash, Inc. and any of its subsidiaries operating in Wyoming. All anodes installed under this permit shall have similar construction specifications.
- 7 of 12. In addition to the shallow anode bed (surface anode or surface rail) construction information submitted with the application, a monitoring well shall be installed within fifty (50) feet of the anode bed and to a depth ten (10) feet deeper than the excavation for the shallow anode. If this monitor well encounters water, two additional monitor wells shall be constructed so that groundwater gradient can be determined and one well will be located downgradient from the anode bed.
- a. 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 fifteen (15) days after a well has been plugged and abandoned, the owner shall file a plugging record with WQD.

- b. 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.
- c. The borehole diameter shall be at least 4 inches larger in diameter than the casing diameter.
- d. The screened interval shall extend at least two (2) feet above the highest expected groundwater level and at least five feet below the lowest expected groundwater level. Factory slotted casing is recommended for the perforated interval.
- e. If PVC casing is used, the casing shall be installed using mechanical connectors without the use of solvents or glues to hold the casing sections together. This mechanical connection may use set screws, threads, or other types of couplings.
- f. 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.
- g. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well.
- h. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected.
- i. A seal of bentonite or bentonite grout is required from the surface to a foot or two above the top perforation. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal. Protective casing shall be cemented into a sloping concrete cap.
- j. All monitor wells shall be designed to contain a minimum of three (3) feet of water at all times of the year.
- k. Proper 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.

8 of 12. Each downgradient monitor well associated with this permit shall be sampled and the groundwater analyzed once at installation and again one year later for the following listed parameters:

<u>Analysis Method</u>	<u>Parameter to be Analyzed</u>
EPA 273.1	Sodium
EPA 242.1	Magnesium
EPA 215.1	Calcium
Standard Methods 403	Bicarbonate
EPA 375.2	Sulfate
EPA 350.3	Ammonia as N
EPA 353.2	Nitrate as N
EPA 325.2	Chloride
EPA 160.1	Total Dissolved Solids
EPA 150.1	pH
EPA 206.2	Arsenic
EPA 212.3	Boron
EPA 213.2	Cadmium
EPA 218.1	Chromium
EPA 220.1	Copper
EPA 236.1	Iron
EPA 239.2	Lead
EPA 245.1	Mercury
EPA 270.2	Selenium
Probe	Static Water Level

- a. Based on the results of the above two analyses, the Water Quality Division may require additional monitoring if there is any appreciable change in the water quality between the first analyses and the second analyses. If the results from the first analyses shows that the aquifer monitored is class IV under Chapter VIII Wyoming Water Quality Rules and Regulations, then the department may waive the second analyses.
- b. The results of these analyses shall be submitted to the Cheyenne office by the last day of the month following the end of the calendar quarter in which the analyses was completed.
- c. The permittee may use equivalent methods with prior Water Quality Division approval.

9 of 12. 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.

- 10 of 12. 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 fifteen (15) days after a well has been plugged and abandoned, the owner shall file a plugging record with WQD.
- 11 of 12. 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.
- 12 of 12. With the first required groundwater monitoring results after any monitor well is installed under this permit, as-built construction plans shall be submitted to the Department of Environmental Quality, Water Quality Division, showing the details about the construction of the monitor well. These as-built plans shall show the surface seal, locking surface cap, gravel pack, screened interval, and static water level.

RL/bb/21448.doc

cc: Jake Strohman, DEQ/WQD

LAND APPLICATION PERMIT

- [] New
[x] Renewal
[] Modified

PERMIT NO. 92-139
(Reference 91-118)
SEE SPECIAL CONDITIONS

MARTIN SPRINGS AREA DUST CONTROL
(Name of Facility)

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

Balcron Oil
P.O. Box 21017
Billings, MT 59104

to land apply produced water to Hornbuckle Ranch roads according to the procedures and conditions of the application No. 92-139. The application site is located in Sections 5, 8, 9, 10, 15 & 16, T36N, R74W in the County of Converse in the State of Wyoming. This permit shall be effective until November 1, 1992.

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.

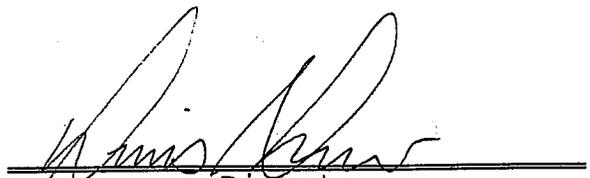
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

6-17-92

Date of Issuance

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

DRM ✓
DRM/pr:6/11/92

LAND APPLICATION SPECIAL CONDITIONS

1 of 5. Crude oil stained soils shall be applied uniformly. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist. Crude oil stained soils shall not be applied during the period from November 1 to April 10.

2 of 5. The application site slope shall not exceed eight percent (8%) for vehicular application.

3 of 5. Crude oil stained soils application shall be terminated with 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.

4 of 5. Any waste crude oil and sludge application after November 1, 1992 must be repermited.

5 of 5. The permittee will contact the Department of Environmental Quality, Water Quality Division District Office, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801, telephone number 307/672-6457, to arrange a field inspection prior to initiation of work. The District Office should be notified at least 48 hours in advance of discharges and must be informed how much waste oil will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.

PERMIT TO CONSTRUCT

New

Permit No. 92-140

Renewal

Ref. No. 91-156

Modified

Louisiana Land & Exploration Temporary Construciton Pond
(Name of Facility)

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

Louisiana Land & Exploration Company

1560 Broadway, Suite 1200

Denver, CO 80202

to construct a water storage pond according to the procedures and conditions of the application No. 91-156. The facility is located in Sec 11, T39N, R90W in the County of Fremont, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

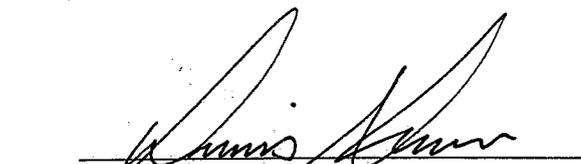
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5-18-92

Date of Issuance

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

SG

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 92-141
SEE SPECIAL CONDITIONS

Torrington Wastewater Treatment Plant Improvement and Enlargement Project

This permit hereby authorizes the applicant:

Town of Torrington
P.O. Box 250
Torrington, Wyoming 82240

to construct, install or modify Torrington Wastewater Treatment Plant Improvement and Enlargement Project according to the procedures and conditions of the application number 92-141. The facility is located in Section 14, SW 1/4 Section, T24N, R61W in the county of Goshen, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

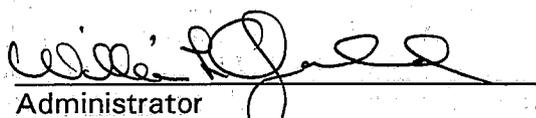
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

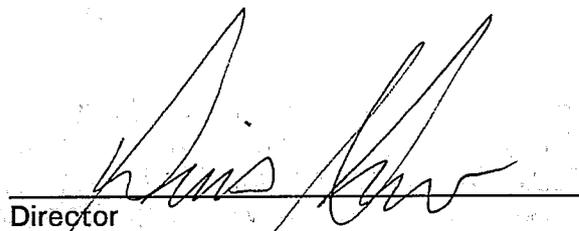
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

8-9-93

Date of Issuance

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

CONDITIONS FOR PERMIT TO CONSTRUCT 92-141

1 of 5 The issuance of this permit allows the City of Torrington to discharge wastes from the sewage treatment lagoons to the subsurface by natural seepage, infiltration or percolation provided the discharge does not cause a groundwater quality concentration of any constituent in the aquifer immediately below the facility to exceed the class of use standard for class I groundwater as contained in Chapter VIII, Wyoming Water Quality Rules and Regulations. The points of compliance shall be the monitor wells identified as #2, #14 and #15. The locations of these monitoring wells shall be the same as the locations provided on "Potentiometric SFC Drawing" received as part of the application dated June 25, 1993.

2 of 5 The City of Torrington shall monitor the groundwater in wells #1, #2, #14, and #15 on a quarterly time schedule and report the results within 30 days after the close of each calendar quarter to the: Southeast District Supervisor, DEQ/WQD, Herschler Building 4W, Cheyenne, Wyoming 82002. The report shall contain all monitoring and record keeping required in addition to any upsets or operating problems encountered by the wastewater treatment system.

PERMIT NO. 92-141

3 of 5 Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity which includes following proper quality assurance and control methods. The permittee shall prepare records of all monitoring information and retain copies for a minimum of three years. Records shall at a minimum contain the following information:

1. The date, exact place, and time of sampling or measurement;
2. The name(s) of individual(s) who performed the sampling or measurements;
3. Volume of water evacuated from a well prior to sampling;
4. Methods of sample preservation;
5. The date(s) sample analyses was performed;
6. Names of individuals performing analyses;
7. The analytical techniques or methods used; and
8. The results of such analyses or measurements.

4 of 5 The following parameters shall be monitored at each well:

<u>PARAMETER</u>	<u>CLASS I STANDARD</u>	<u>METHOD</u>
Static water level	none	-----
Nitrate as nitrogen	10 mg/l	EPA 353.1
Ammonia	0.5 mg/l	EPA 350.1
Total Phenol	-----	EPA 420.1
Total Dissolved Solids	500 mg/l*	EPA 209C
Fecal Coliform	-----	EPA 9221C
pH	6.5-9.0 s.u.	pH meter

* If Class I groundwater quality measured in well no. 1 exceeds 500 mg/l, then the higher measured value dictates, and thus determines the standard for this parameter.

5 of 5 The corresponding Class I groundwater quality level is provided for each parameter in item 4. Where a class I standard is not given, the level will be evaluated at each submittal to determine if additional actions are necessary by the permittee should a class I exceedances occur. Exceedance of any parameter in any monitoring event shall be reported by telephone within 24 hours of discovery. This telephone report shall be confirmed by letter within 7 days of discovery. The letter report shall contain a description of steps taken to correct the problem and a plan to insure that a recurrence does not occur.

MAE/mad 33640.LTR

cc: Mayor Ed Jolovich, Town of Torrington
Baker & Associates, Torrington

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 4, 1993

Honorable Ed Jolovich, Mayor
Town of Torrington
P.O. Box 250
Torrington, Wyoming 82240

RE: Federal Sewage Works Grant C560260-94; DEQ/WQD Ref. No. 92-141; Town of Torrington Wastewater Treatment Plant Improvement and Enlargement Project; Approval of Plans and Specifications

Dear Mayor Jolovich:

The plans and specifications for the construction of the Town of Torrington Wastewater Treatment Plant Improvement and Expansion Project have been reviewed by the State of Wyoming Department of Environmental Quality. This office hereby approves the plans and specifications and is enclosing a permit to construct. This permit does not supersede the requirements for obtaining any permit from local or state agencies.

The procedures for submission and approval of modifications to the approved plans and specifications is the same as for the original set; i.e., five copies of any proposed modifications, together with an explanation of the reasons should be forwarded to us. Unauthorized modifications of approved sets of plans and specifications may result in suspension of federal participation in the project.

We are sending the approved plans and specifications for the referenced project which must be kept available at all times so that personnel from this office may have access to them during inspection activities.

August 4, 1993

Page 2

This letter shall act as verbal confirmation for the project to be advertised and bids opened. You are requested to furnish this office with the date the project is advertised and the date on which bids will be opened as soon as possible. You are reminded to complete the enclosed checklist and associated documentation when bids are opened.

The following points should be brought to your attention at this time:

1. Contracts may not be awarded until authorization has been given by the Department of Environmental Quality.
2. Prior DEQ approval is required for rejection of bids on any contract on this project.
3. Current Wage Rates must be in the Specifications prior to bid opening.
4. Bidders must submit, with their bid, a signed statement as to whether they have previously performed work subject to the President's Executive Order Number 11246.
5. Contact EPA if any questions arise concerning MBE/WBE utilization on this project.

Following approval of the enclosed checklist and associated documentation by the State of Wyoming Department of Environmental Quality, you will be notified that the construction contract may be awarded.

Sincerely,



William L. Garland
Administrator
Water Quality Division

WLG/MAE/mad 33641.LTR

MH
cc: Carl Heskett, EPA Region VIII
Baker and Associates, Torrington, WY
Grant File

92-141



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

January 15, 1993

Mr. Marc E. Rosso
Baker & Associates
P.O. Drawer E
Torrington, WY 82240

RE: Federal Sewage Works Grant C560260-94, STEP 4; Town of Torrington, Wyoming, Lagoon and Collection System Project; Plan and Specification Review

Dear Mr. Rosso:

We have completed the review of the above referenced items. The following comments need to be addressed before we can approve the plans and specifications and issue a Permit to Construct.

General Comments

1. The Sewer Use Ordinances must provide for mandatory hookup of all buildings and residences in the collection system area. Please provide this assurance and have the plans reflect that all areas to be served by this collection system project will be connected to this system. While not part of the plan review, this requirement should be part of the design engineering.
2. As a reminder, this plant and its related equipment will require the EPA one year certification period. All vendors should be aware of this requirement. However, no extended warranties are eligible for EPA funding.

3. Please insert the Executive Order 12818 in the appropriate EPA section. Also make reference in the Index For EPA Documents. See specification No. 9.

Plans

Drawing 1B

1. With regard to the construction site, specifically the aeration basins and other areas not included in the geotechnical report, the grantee has the burden of substantiating any claim for differing site conditions. This substantiation includes showing the reviewing agency that:
 - an adequate site investigation was performed;
 - the results of the site investigation were included in the bidding documents;
 - costs were reasonable and necessary;
 - the grantee was timely and efficient in resolving the change orders to minimize impact costs (i.e., the costs caused by the impact of differing site conditions on other portions of the project).

EPA will participate in both the direct and impact costs arising from the differing site conditions only if all of the above conditions are met. The change orders will be limited to the effective EPA cap of 5% for this project.

Drawing 4

1. Line E1. This line is an outlet/inlet line and as such is required to be "easily accessible by the plant operators..." This line should have a cleanout that would enable the grantee a means to completely flush and clean this line. The cleanout on Line E2 does not allow for "easy access" to E1. Chapter XI, Water Quality Rules and Regulations Section 18 (a) (vi) (A).
2. Line E1, E3, and E4. Level Control. Chapter XI, Water Quality Rules and Regulations Section 18 (a) (vi) (B), requires that level controls be provided. In this system the level control is more reflective of level equalization. Can each aeration cell depth be independently varied such that aeration basin 1 is at 10 feet and aeration basin 2 or 3 be at eight feet, for example?

Mr. Rosso
January 15, 1993
Page 3

3. Line C3 & C6. Water Quality Division Rules and Regulations, Chapter XI, Section 18 (a) (v) (A) state: "In aeration systems, the influent line shall be located in the mixing zone of the aeration equipment." Please refer to Line E1 and E3. In the previous drawing submittal, the influent pipe seems to be located in the right place with regard to the aerator mixing zone area. The only exception to this location was with the elevation of this pipe being too low. In the present set of plans the influent pipe is simply pulled back and raised such that the flow may short circuit along the interior dike berm. Please also refer to Line C6.
4. Weir Box No B1, B2, & B3. Chapter XI, Water Quality Division Rules and Regulations state that the level control must permit varying the levels of the cells between two and six feet. Can these weirs be adjusted to allow this variation? Refer to comment no. 1 above.

Drawing 9

1. The Blower Building Footing Detail does not indicate the top of the footing elevation.
2. Detail should be provided for the anchoring the blowers and appurtenances to the concrete floor. Simple friction fit anchors may vibrate loose.

Drawing 15

1. Parshall Flume. Is a 6 inch flume capable of accurately measuring flows across all design flow ranges?
2. Is the location of the ultrasound device for this flume located accurately?
3. Will flow anomalies prior to the flume entrance be properly reduced before entering the flume area?
4. Refer to Specifications Section 13320-3. The time period for the strip chart is not mentioned. What will the supplier provide, one week, one month chart material? Is this time period fixed by the supplier for this model?

Mr. Rosso
January 15, 1993
Page 4

Drawing 16

1. EPA rules for collection systems require that eligibility be determined based on occupancy. Have all these residences been constructed and occupied prior to October 1972? Please note that this comment is meant for all buildings and residences in the entire EPA funded project area.
2. The drawing depicts Line D connecting at existing manhole 7-2-13, station 0+00. Is there any reason why this line could not connect through an extension from manhole 7-2-1-19, Station 0+00?

Specifications

1. Page 00100-6 has been duplicated in my copy of the specifications.
2. Provide clear instructions for the Basis of Award. EPA will participate only in the most cost effective alternative. The method and basis for selection of other bid combinations must be indicated and the contract award must be made in accordance with these instructions.
3. Bid Item 3.11 calls for concrete encasement for an existing water main or replacement of the water main to allow the joints to be at least 10 feet from the sewer line. Section 9, (f)(ii) of the Water Quality Division Rules and Regulations, Chapter XI, requires that only the upper line of a crossing be specially supported. Where vertical and/or horizontal clearances cannot be maintained, the sewer shall be placed in a separate conduit pipe.
4. Page 00300-27 is missing from the specifications.
5. Page 00300-29 of the Bid Schedule states, "Difference between Schedule 1 - Items 1.6 + 1.7 and ..." These items should read, "1.7 + 1.8." The total bid with alternates is confusing. Is the total to be made up of the total base bid plus the difference between Schedule 1 - Items 1.7 + 1.8 and Alternate A-1a + A-1b? See Comment number 2 above. An award made based on the total bid with alternates will require a change order to select other bid combinations.
6. Article 7, CONTRACT DOCUMENTS. This section needs to be updated to reflect the correct pages for the Agreement, the General Conditions, and, also should include pertinent documents such as the Payment Bonds.

7. Will the grantee be purchasing and maintaining Property Insurance to include the materials and equipment stored at the site? A copy of the policy must be submitted after the contract award in order to be reimbursed for materials stored on site that have been included in an application for payment.
8. Part 6, Supplementary Conditions, is not consistent with the instructions to bidders or the Engineering Agreement for this project. The instructions to bidders indicates that application for acceptance will not be considered until after the Effective Date of the Agreement. The Supplementary Conditions indicate that a written request must be submitted at least 15 days prior to the date for receipt of bids. The Engineering Agreement does not include review, approval, and addendum as part of the basic services prior to the date for receipt of bids. These items should be made consistent throughout the project documents.
9. Section 00820, Federal Requirements. An index should be provided and the pages numbered.
10. The first two pages of the Federal Requirements, those pages including the instructions, were for your information and do not need to be included in this section.
11. The work force goals of 5.3% minority and 6.9% female have not been inserted in EPA Attachment (A), Nondiscrimination in Employment, Page 10.
12. The EPA boilerplate specifications have duplicate pages; 13(A) and 14. Page 31 is out of order.
13. The new Storm Water regulations apply to this project. It is necessary for the contractor to obtain the necessary permits required. Contact John Wagner, DEQ/WQD, Cheyenne, 777-7082 for more information concerning this new program.
14. Section 01340 is missing in these specifications. This section is referenced in Section 16100.
15. Sections 02620, 02640, and 02100 are out of order.
16. Several references to brand names are made without the required "or equal" statement or additional listing of several approved brands. Any reference to a specific supplier should be removed or the "or equal" statement added. Some examples include: Dresser Style 127 Flange Adaptor; Mueller Lineseal B3211 butterfly valves; Caulder Couplings at service connection detail; Ram-nek preformed gasket at manhole details; Unaflex Model 189ET; and, Leviton switches.

17. Section 02273, Page 4. Why is bentonite sealant unnecessary under the concrete slab. Water Quality Division Rules and Regulations, require that seepage through the sidewalls shall not cause a violation of Chapters VIII and XI.
18. Section 2732, Drawing 2732-5. The pipe is to be bedded in accordance with ASTM D2321, but not Chapter XI Water Quality Rules and Regulations, Part B Section 9, Design of Sewers, subsection (c) (F) (II) (2) Flexible pipe. The drawing does not clearly depict the use of bedding material or technique to be used in this type of soil. Please explain.
19. Section 02734 no longer includes the section on installation of valves and boxes.
20. Section 02734. Page 2734-4 Section 3.6 ASTM/ANSI D2774, is referenced for the installation and bedding of this pipe. Chapter XI Water Quality Rules and Regulations, Part B Section 9, Design of Sewers, subsection (c) (F) (II) (2) Flexible pipe. The specifications do not clearly mention the bedding technique to be used in this type of soil.
21. Section 11376, Subsection B, Blowers, as described in the specifications, are these items to be covered by the required one year certification period? Extended warranties are not eligible.

Eligibility

Eligibility determination for this project is based on available data submitted with the plans and specifications and other engineering estimates. The determination for this project is as follows:

Schedule 1 Aeration Basins.

Eligible for EPA Funding at 93.90%

Schedule 2 Settling Basin No.1 Renovation

Eligible for EPA Funding at 93.90%

1. Bid Item 1.4a. Blower Building Extended Warranty. Extended Warranties are not eligible for federal funding.
2. Bid Item 3.4. Sewer Line. Eligibility of Line D as per comments found in Drawing 16 above will determine federal participation.
3. Bid Item 3.5. 4" Service Line. Not eligible for federal funding.

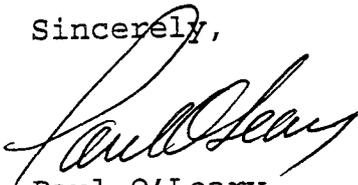
Mr. Rosso
January 15, 1993
Page 7

4. Bid Item 3.6. Connection to Existing Sewer at House. Not eligible for federal funding.
5. Bid Item 3.8. Cleanouts. Not eligible for federal funding.
6. Bid Item 3.9. Pavement Removal And Replacement. Area related to service lines and house connections are not eligible for federal funding.
7. Bid Item 3.10. Sidewalk Removal and Replacement. Area related to service lines and house connections are not eligible for federal funding.
8. Bid Item 3.12. Sod Replacement. Area related to service lines and house connections are not eligible for federal funding.
9. Bid Item 3.14a. Siltstone Excavation. U n d e r m i n e d eligibility for federal funding. Please provide the area for this expected bid item.
10. Bid Item 3.15. Seeding. Area related to service lines and house connections are not eligible for federal funding.
11. Bid Item 3.16. Aggregate Road Surfacing. Area related to service lines and house connections are not eligible for federal funding.

Please make the necessary change and submit 5(five) copies of the revised plans and specifications to this office.

If you have any questions, please contact me at 777-7085.

Sincerely,



Paul O'Leary
Engineering Evaluator

PO/bb/30191.ltr

cc: Town of Torrington
✓ Grant File

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 92-142

COLE FIRE STATION ADDITION WATER AND SEWER LINE EXTENSIONS

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities
2100 Pioneer Avenue
Cheyenne, WY 82001

to construct, install or modify water and sewer line extensions according to the procedures and conditions of the application number 92-142. The facility is located in SE 1/4 Section 20 T14N R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 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.

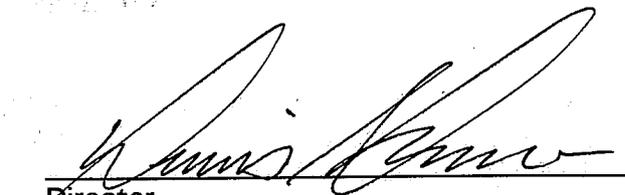
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

5-22-92

Date of Issuance

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

LBH/bb/21516.doc
cc: Jack Noblitt & Associates, P.C.

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 92-143R

Granger Maintenance Shop
(Name of Facility)

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

Department of Transportation

P.O. Box 1260

Rock Springs, WY 82902

to construct a shop area sump wastewater pond according to the procedures and conditions of the application No. 92-143R. The facility is located in NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 30, T19N, R111W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

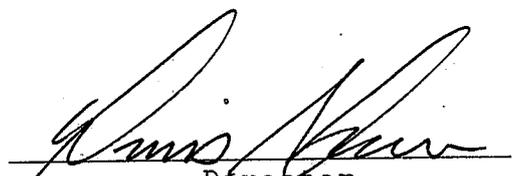
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

6-23-92

Date of Issuance

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

BL/jyi

PERMIT TO CONSTRUCT

[] New

Permit No. 92-144

[] Renewal

[X] Modified

Teton Village Wastewater Treatment Plant
(Name of Facility)

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

Teton Village Water & Sewer District

P. O. Box 586

Teton Village, WY 83025

to remove existing chemical feed equipment and activated carbon air filters according to the procedures and conditions of the application No. 92-144. The facility is located in SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24, 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.

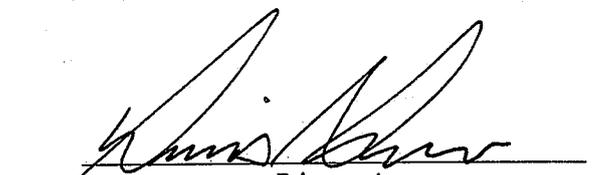
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

6/3/92

Date of Issuance

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

JH/jyi

* CONDITION *

This permit is issued with the requirement that the operations and maintenance manual be updated to reflect the removal of the chemical feed system and air purifying filter units.

PERMIT TO CONSTRUCT

PERMIT NO. 92-145
See Special Conditions

New
 Renewal
 Modified

ICI TRIBOL MONITORING WELLS

This permit hereby authorizes the applicant:

ICI Tribol
P. O. Box 2935
Casper, Wyoming 82602

to construct, install or modify a system of monitor wells according to the procedures and conditions of the application number 92-145. The facility is located in Section 34 SW ¼ NW ¼, Township 34 North, Range 80 West in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of five (5) 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: 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.

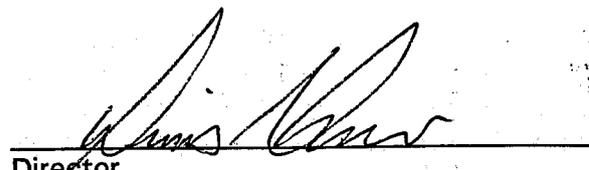
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

5-22-92

Date of Issuance

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

Special Conditions for Permit to Construct

- 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 92-145. Additional wells meeting the requirements of 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 the 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 WQD.

Special Conditions for Permit to Construct 92-145 (continued)

- 4 of 11 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.
- 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 work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of wells shall be installed to define the extent of the 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 4 inches larger in diameter than the casing diameter;
 - b. The screened interval shall extend at least 2 feet above the highest expected 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 mechanical connectors without the use of solvents or glues to hold the casing sections together. This mechanical connection may use set screws, threads, or other types of couplings;
 - 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. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
 - g. A seal of bentonite or bentonite grout is required from the surface to a foot or two above the top perforation. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal. Protective casing shall be cemented into a sloping concrete cap; and
 - h. All monitor wells shall be designed to contain a minimum of 3 feet of water at all times of the year.

Special Conditions for Permit to Construct 92-145 (continued)

- 7 of 11 DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of monitor wells and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.
- 8 of 11 Within 90 days of the issuance of this permit, a report of investigation shall be submitted to WQD. This report shall contain at a minimum:
- a. A chronology of events leading up to the investigation;
 - b. A site map showing the physical features, well locations and sea level elevations;
 - c. The permittee shall provide the exact latitude and longitude or the exact state plane coordinate for each of the monitor wells being constructed under this permit. These figures shall be accurate to the nearest one second of latitude and longitude.
 - d. Final location, construction details and logs of monitor wells;
 - e. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geologic materials and groundwater occurrence;
 - f. Water level and product thickness measurements;
 - g. Sample collection procedures;
 - h. Sampling analytical results;
 - i. A map 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 the data and conclusions including recommended remedial measures.
- 9 of 11 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. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.
- 10 of 11 All monitor wells associated with this facility shall be sampled and the groundwater analyzed quarterly for the following listed parameters:

Special Conditions for Permit to Construct 92-145 (continued)

- a. Total Phenolic Hydrocarbons using EPA Method 420.1;
- b. Cadmium using EPA 200 series methods.
- c. After the first monitoring event, the WQD may substitute a shorter list for the above parameters, depending on the results of the first monitoring event. WQD may substitute less expensive methods for the above listed methods depending on the results of the first monitoring;
- d. The results of these analyses shall be submitted to the cheyenne office by the last day of the month following the end of each quarter. The first set of results are due by the last day of July, 1992.

11 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.

RL/jn
21472.LTR

cc: Jake Strohman, DEQ/WQD

92-146

LOCKE

Robertson Pipeline

5/20/92

UR

7/20/92

5/21/92 AW No permit required

file

PERMIT TO CONSTRUCT

PERMIT NO. 92-147
See Special Conditions

- New
- Renewal
- Modified

CASPER SERVICE CENTER MONITORING WELLS

This permit hereby authorizes the applicant:

City of Casper Department of Public Works
1800 East K Street
Casper, WY 82601

to construct, install or modify monitoring wells according to the procedures and conditions of the application number 92-147. The facility is located in NE ¼ Section 3 T33N R79W in the county of Natrona, 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.

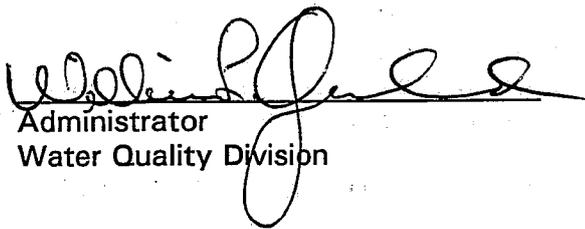
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

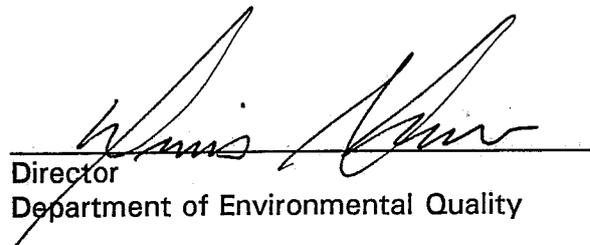
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineer,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

6-29-92
Date of Issuance

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

Conditions for Permit to Construct 92-147

- 1 of 2. Copies of any data collected from these wells must be submitted to DEQ/WQD on an annual basis, referenced to this permit number, 92-147. If any regulated substances are found to be present at hazardous concentrations, that information shall be immediately reported to DEQ/WQD.
- 2 of 2. The wells must be secured to prevent the introduction of foreign substances. If the wells are irreparable damaged or use is discontinued, abandonment must be immediately completed in accordance with Section G of Chapter XI of DEQ/WQD regulations.

LBH/jn
21896.LTR

Serving Our Clients Since 1980

WESTERN WATER CONSULTANTS, INC.

Engineering • Hydrology • Hydrogeology • Waste Management • Construction Administration

701 ANTLER DRIVE, SUITE 233 • CASPER, WY 82601 • (307) 473-2707 • FAX (307) 237-0828

RECEIVED

Marisa

NOV 09 1992

November 6, 1992

WATER QUALITY DIVISION
WYOMING

Wyoming Department of Environmental Quality
Water Quality Division
Herschler Building, 4th Floor West
122 West 25th Street
Cheyenne, Wyoming 82002

*These reports are in the
S.E. District Engineers Files
under the files name :*

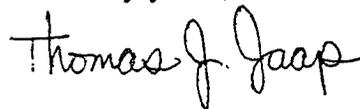
Re: Permit Number 92-147
Casper Service Center Wells
Monitoring Results

*Casper Service Center
Natron County 92-247*

Dear Sirs:

Enclosed, per Condition 1 of 2 of the subject permit, are the results of the ground-water monitoring conducted on September 25, 1992. Each well was analyzed for total petroleum hydrocarbons (TPH) by EPA Method 8015 (Modified) and benzene, ethylbenzene, toluene, and xylenes (BETX) and tetrachloroethene, all by EPA Method 8021. None of the compounds analyzed for were detected in either of the two wells. If you have any questions, please call Western Water Consultants at 473-2702 or Michael D. Haigler, City of Casper Public Works Director at 235-8246 in Casper.

Sincerely yours,



Thomas J. Jaap
Senior Professional

Enclosures

cc: Michael D. Haigler w/o enclosures

FILE: CASPER SERVICE CENTER B:\992DATA.LTR

OTHER LOCATIONS

1949 SUGARLAND DRIVE, SUITE 134
SHERIDAN, WYOMING 82801
(307) 672-0761
FAX (307) 674-4265

P.O. BOX 4128
LARAMIE, WYOMING 82071
(307) 742-0031
FAX (307) 721-2913



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

July 10, 1992

Thomas D. Crocker
2225 Sky View Lane
Laramie, WY 82070

Dear Mr. Crocker:

The Wyoming Department of Environmental Quality/Water Quality Division has reviewed as-built approval application number 92-148 for the small wastewater system identified as the Thomas D. Crocker Residential Septic System. Our review of the materials submitted indicates that the system does appear to meet the minimum state standards for isolation distances to wells, property lines, seasonal high groundwater levels, etc. The information contained in the application was not verified by an on-site inspection. The septic tank was determined to be adequately sized relative to state standards. Since the drainfield size cannot be inspected without digging up the entire system, the department cannot determine if it is adequately sized or installed correctly. However, based upon 16 years of actual operating experience, the system appears to be adequately sized for the current year round use conditions for a system servicing a four bedroom house.

The affect of any future increased wastewater quantity or quality or change in maintenance cannot be determined at this time. Our review of this facility indicates that it is in compliance with local service area requirements and is not currently required to be connected to the central wastewater treatment facility.

Nothing in this letter constitutes an endorsement of the construction or the design of the facility described herein. The state assumes no liability for, and does not in any way guarantee the performance of the system or the applicant in the exercise of the activities allowed under this letter. The applicant 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 letter, the state does not in any way waive its sovereign immunity.

Thomas D. Crocker
July 10, 1992
Page 2

Since a "Permit to Construct" cannot be issued for as-built treatment facilities, this letter will serve as your final approval document.

Sincerely,

A handwritten signature in cursive script, appearing to read "William L. Garland".

William L. Garland, P.E.
Administrator, Water Quality Division

WLG/RE/mad 22113.LTR

PERMIT TO CONSTRUCT

New

Permit No. 92-149R

Renewal

Modified

Rafter J Ranch Water Supply System Expansion
(Name of Facility)

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

Rafter J. Homeowners Association

2951 West Big Trail Drive

Jackson, WY 83001

to construct a new water supply well and modify existing pump house piping according to the procedures and conditions of the application No. 92-149R. The facility is located in NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 17, T40N, 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

9-24-92

Date of Issuance

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

JH/jyi

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 92-150

Shirley Basin Mine Residential Septic System

This permit hereby authorizes the applicant:

Pathfinder Mines Corporation
Shirley Basin Mine
Shirley Basin, Wyoming 82615

to construct, install or modify residential septic system according to the procedures and conditions of the application number 92-150. The facility is located in SE 1/4 Section 20 T28N R78W in the county of Carbon, 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.

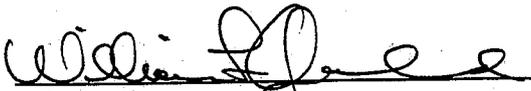
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

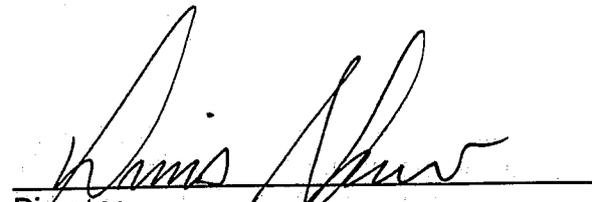
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

6-18-92

Date of Issuance

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

RLE/bb/21696.DOC