

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 93-050

Big Horn County Fire Station
 (Name of Facility)

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

Big Horn County Fire District #3

P.O. Box 82

Manderson, WY 82432

to construct a septic tank/leach field for fire station according to the procedures and conditions of the application No. 93-050. The facility is located in SE¼ SW¼ Section 30, T50N, R92W in the County of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

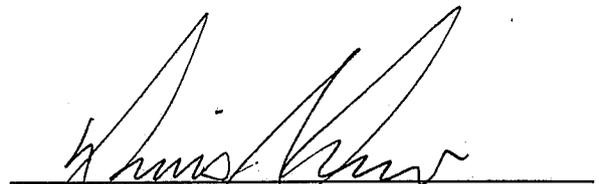
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

4/2/93

Date of Issuance

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

jyi



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

May 26, 1993

Mr. Ron Thiel
138 Iron Mountain Road
Cheyenne, Wyoming 82009

RE: Return of plans and application for a "Permit To Construct",
93-051, for the Terry Bison Ranch Hostel and Cookhouse
septic system.

Dear Mr. Thiel:

Because the Terry Bison Ranch has decided to go with a new engineer and a totally new design concept, the above referenced application has become obsolete. Therefore, the application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct process for this specific design.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and is punishable with fines not to exceed \$10,000 per day of violation. If this project has already been constructed, it is your responsibility to immediately contact this office for further instruction. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter III, Water Quality Rules & Regulations, must be followed.

Sincerely,

William L. Garland
Administrator
Water Quality Division

WLG/RLE/bb/32582.ltr

Enclosure

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Terry Bison Ranch - Hostel and Cookhouse Septic System

ENGINEER: Peter J. Hutchison
Intermountain Professional Services, Inc.
1816 Central Avenue
Cheyenne, Wyoming 82001

APPLICANT: Ron Thiel
138 Iron Mountain Road
Cheyenne, Wyoming 82007

WATER QUALITY DIVISION REFERENCE NUMBER: 93-051

REVIEWING ENGINEER: Ronald L. Ewald

DATE OF REVIEW: March 5, 1993

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

- 1 of 8. Location of Leach Field - According to the plans submitted, the east end of the leach field is less than 40 feet from an intermittent stream. The requirement is that the leach field be at least 50 feet from such a stream.
- 2 of 8. Location of Alternate Leach Field - The location for the alternate leach field is shown as being right on top of the intermittent stream. A different location for the alternate leach field must be identified.
- 3 of 8. Depth of Seasonally High Groundwater - The depth of the seasonally high groundwater at the leach field site is not adequately established. The Engineering Design Report (EDR) describes a hand-dug observation hole made by the property owner in June of 1992. This hole was on the opposite side of Lone Tree Creek and not in the immediate area of the leach field. The groundwater level is reported to be 6 feet below the ground surface, but the elevation of the ground surface is not given. This type of information is inadequate and unusable. A suitable groundwater observation needs to be made closer to the actual leach field site. Additionally, the determination of the seasonally high groundwater depth needs to be done by a qualified person familiar with soil mottling and other pertinent factors.



Review of Plans & Specs - 93-051

March 5, 1993

Page 2

- 4 of 8. Percolation Test Hole Locations - The sketch showing the locations of the percolation test holes is missing.
- 5 of 8. Absorption Area - The calculations for the leach field infiltrative surface area shown in the EDR do not match the size or shape of the leach field shown on the drawings.
- 6 of 8. Distribution Boxes (D-Box) - The D-Boxes shown on the plans are not really D-Boxes which would distribute the septic tank effluent evenly to all areas of the leach field. Rather, these devices are merely glorified Tees which only split the flow in half at the location of the device.
- 7 of 8. Leach Field Pipe Layout - A critical section of pipe is not shown on the plans located on the south edge near the southwest corner of the leach field. This section of pipe is omitted on the plans but is very necessary to achieve uniform distribution of the effluent from both septic tanks throughout the leach field. This section of pipe needs to be included. Question - What is the purpose and/or need for all of the short stubs of pipe shown in the interior of the leach field?
- 8 of 8. Submittal Requirements - Only one copy of the Engineering Design Report was submitted. Three are required.

RE/nc 30986.LTR

cc: Dennis Hemmer, Director DEQ
William Garland, Administrator - Water Quality Division
Don Pack, Laramie County Environmental Health
Stephanie Snowardt, Project Manager
1529 West College Drive
Cheyenne, Wyoming 82007

PERMIT TO CONSTRUCT

X New
 Renewal
 Modified

PERMIT NO. 93-052

Coughlin-Pole Mountain 2nd ADD. - Water & Sewer Improvements

This permit hereby authorizes the applicant:

Federer Development, Inc.
Larry Romsa
2920 Cottonwood Drive
Laramie, Wyoming 82070

to construct, install or modify water and sewer improvements according to the procedures and conditions of the application number 93-052. The facility is located in NW 1/4 Section 27 T16N R73W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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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.

RLE/mad 33645.LTR

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 93-053R

Pinedale Water Supply Project
(Name of Facility)

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

Town of Pinedale

P.O. Box 709

Pinedale, WY 82941

to construct a 10 inch water main extension along north and west perimeter of town according to the procedures and conditions of the application No. 93-053R. The facility is located in Section 4, T33N, R109W, and section 33, T34N, R109W in the County of Sublette, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

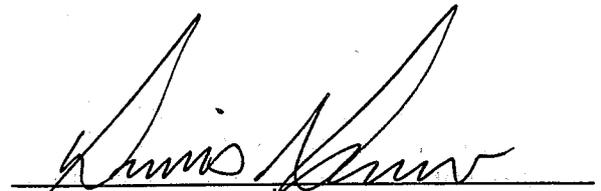
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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

3-24-93

Date of Issuance

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

RT/jyi

PERMIT TO CONSTRUCT

New

PERMIT NO. 93-054
(See Attached Special Conditions)

Renewal

Modified

SINCLAIR REFINERY ABTU PRETREATMENT MODIFICATIONS

(Name of Facility)

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

Sinclair Oil Corporation
550 East South Temple
Salt Lake City, Utah 84102

to construct, install or modify a pretreatment facility including two surge tanks and an oil water separator according to the procedures and conditions of the application No. 93-054. The facility is located in Section 21, Township 21 North, Range 86 West, in the County of Carbon in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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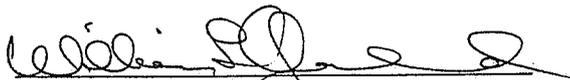
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, Groundwater Section, Herschler Bldg., Cheyenne, Wyoming 82002; telephone, 777-7781.

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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

March 9, 1993

Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT 93-054

- 1 of 2. An operation and maintenance (O & M) manual must be submitted for approval within 30 days of start up. The O & M manual must provide information on the operation of the permitted system as well as the specific maintenance required for the system to function properly. Frequency of required maintenance and testing must be contained in the manual.
- 2 of 2. A report which summarizes Sinclair's findings of the modifications covered under this permit must be submitted no later than April 15, 1993. The report must include copies of the results and a summary of conclusions drawn from all testing conducted during the interim period (from the date of issuance of this permit until March 25, 1993), including the testing proposed in the application. If any changes are made to the permitted system during the interim period, those changes must be documented and justified in the final report.

SCF/jn - 3/8/93

cc: GPC Section Supervisor, Cheyenne

PERMIT TO CONSTRUCT

New

Permit No. 93-055RR

Renewal

Modified

Palisades & Converse Courts Water Main
(Name of Facility)

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

City of Rock Springs

212 D Street

Rock Springs, WY 82901

to construct a 8 inch water main to replace existing mains and to loop the system according to the procedures and conditions of the application No. 93-055RR. The facility is located in Section 2, T18N, R105W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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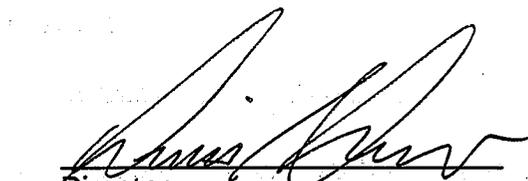
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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5-25-93
Date of Issuance

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

RT/jyi

32534.LTR

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 93-056RR

Dewar Drive Water Main
(Name of Facility)

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

City of Rock Springs

212 D Street

Rock Springs, WY 82901

to install water main replacements according to the procedures and conditions of the application No. 93-056RR. The facility is located in Section ½ Section 34, T19N, R105W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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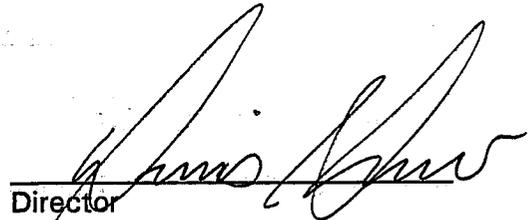
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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5-25-93
Date of Issuance

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

RT/jyi

32535.ltr

PERMIT TO CONSTRUCT

[X] New
[] Renewal
[] Modified

Permit No. 93-057RR

Don Coleman Addition
(Name of Facility)

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

Don Coleman

Star Route Box 29C

Jackson, WY 83001

to construct a septic tank and leachfield according to the procedures and conditions of the application No. 93-057RR. The facility is located on Lot 61, Livingston Subdivision, Town of Alpine 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.

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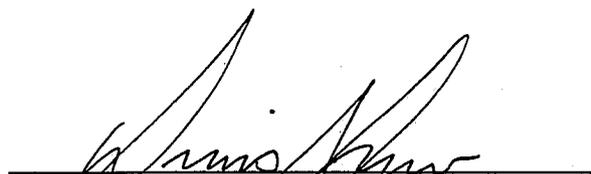
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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

4-12-93

Date of Issuance

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

RT/jyi
/nc 31621.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-058

Richards Park Addition - Water & Sewer Improvements

This permit hereby authorizes the applicant:

T.O.G. Development, Inc.
Kerry Greaser
2303 W. Hill Road
Laramie, Wyoming 82070

to construct, install or modify water and sewer improvements according to the procedures and conditions of the application number 93-058. The facility is located in SE 1/4 Section 27 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.

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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.

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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

5-27-93

Date of Issuance

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

RLE/nc 32548.LTR

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Richards Park Addition - Water and Sewer Improvements

ENGINEER: Lloyd Baker
Gertsch/Baker & Associates
307 Grand Avenue
Laramie, Wyoming 82070

APPLICANT: T.O.G. Development, Inc.
Kerry Greaser
2303 W. Hill Road
Laramie, Wyoming 82070

WATER QUALITY REFERENCE NUMBER: 93-058

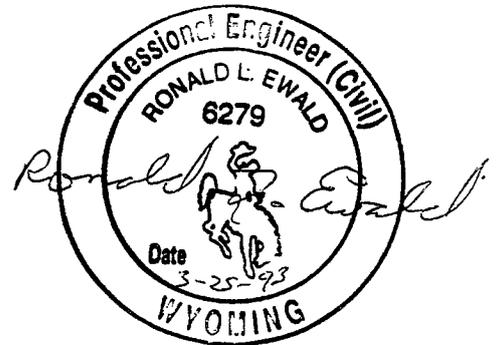
REVIEWING ENGINEER: Ronald L. Ewald

DATE OF REVIEW: March 24, 1993

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

- 1 of 5. All plans, specifications, and design information are required to be stamped and signed by a Wyoming registered professional engineer. This application package contains several pages which are not stamped at all, and the rest of the pages are stamped but not signed or dated. Please send three new sets of plans which are properly stamped and signed, or come by our office to stamp and sign the sets we already have.
- 2 of 5. Sewer Pipe Specification - Please indicate the type and rating of the sewer pipe to be used; ie - is the pipe PVC SDR 35, or what?
- 3 of 5. Water Pipe Specification - Please indicate the type and rating of the water pipe to be used; ie - is the pipe PVC Water Pipe AWWA C900, or what?
- 4 of 5. Water/Sewer Crossing on 30th Street - Please provide details of the water/sewer crossing on 30th Street where the new water line crosses the existing sanitary sewer line just before it ties into the existing water line on 30th Street.
- 5 of 5. Valves at Intersection of 27th Street and Leslie Ct. - Why are three valves indicated at this intersection, one on each leg, when two would be sufficient?



PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 93-059

BUSH IV - #2 SEPTIC SYSTEM
(Name of Facility)

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

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

to construct, install or modify a wastewater treatment facility according to the procedures and conditions of the application No. 93-059. The facility is located in the SW/4, Section 7, Township 54 North, Range 64 West, in the County of Crook in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

3-24-93

Date of Issuance

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

^{JAS}
JAS/js: March 18, 1993
_{AKM}

PERMIT TO CONSTRUCT

*** CONDITIONED ***

- New
 Renewal
 Modified

Permit No. 93-060
Ref. No. 91-417

WBI Pipeline Company Monitoring Wells
(Name of Facility)

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

Williston Basin Interstate Pipeline Company

P.O. Box 131

Glendive, MT 59330

to install monitoring wells and soil borings for site assessments according to the procedures and conditions of the application No. 93-060. The facility is located statewide 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.

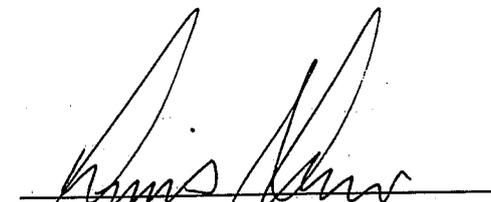
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

3-16-93
Date of Issuance

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

DN/jyi

Conditions for Monitoring Wells 1 through 11

1. of 11 The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 93-060. Additional wells meeting the requirements of the application this permit may be installed if prior approval is received from the Water Quality Division (WQD).
2. of 11 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.
3. of 11 After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
4. of 11 A waterproof protective casing and locking cap is required on all monitoring wells. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered on the outside of the protective casing and on the inside of the well cap.
5. of 11 The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial actions which may be required. Depending on the results of the subsurface contamination investigation, additional site investigations or remedial measures may be required by the WQD. An adequate number of wells shall be installed to define the extent of contamination.
6. of 11 In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:
 - a. 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.
7. of 11 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;
- a. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
 - b. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected. If contaminants are present or expected to be present, development water should be disposed of in accordance with all state and federal regulation;
 - c. 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
8. 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.
9. of 11 Within 90 days of issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
- a. A chronology of events leading up to the investigation;
 - b. A site map showing physical features, well locations and elevations;
 - c. The monitoring well elevation should be measured from the top of casing and that measuring point should be clearly marked on the inside of the casing with an arrow (^).
 - d. Final location, construction details and logs of all monitoring wells;
 - e. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
 - f. Water level and product thickness measurements;
 - g. Sample collection procedures;

Permit to Construct
WBI Pipeline Company Monitoring Wells
93-060
Page 5

- h. Sampling analytical results;
 - i. Maps delineating the extent of the subsurface contamination including free product, soil and dissolved groundwater contamination and concentrations;
 - j. A potentiometric surface map showing the direction of groundwater movement; and
 - k. Interpretation of data and conclusions including recommended remedial measures.
10. of 11 Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
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.

cc: Jake Strohman

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

PERMIT NO. 93-061
 Reference Permit 92-272
 See Special Conditions

WARDWELL WASTEWATER SYSTEM PHASE II
 (Name of Facility)

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

Wardwell Water & Sewer District
4150 Salt Creek Highway P.O. Box 728
Mills, WY 82644

to construct, install or modify a wastewater collection facility according to the procedures and conditions of the application No. 93-061. The facility is located in Section 6, Township 33 North, Range 79 West and Sections 29, 31, and 32, Township 34 North, Range 79 West, in the County of Natrona in the State of Wyoming. This permit shall be effective for a period of one (1) year (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: District Supervisor, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

4/2/93

Date of Issuance

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

DRM ✓
DRM/pr:03/30/93

PERMIT CONDITIONS

1 of 1 As-built drawings shall be submitted to the DEQ/WQD Sheridan District Office once construction is complete.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 93-062

Hunter's Ridge Subdivision-Phase III
(Name of Facility)

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

Robert L. Tarufelli

1257 Palisades Way

Rock Springs, WY 82901

to construct a sewer collection and water distribution facility according to the procedures and conditions of the application No. 93-062. The facility is located in Section 28, T19N, R105W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

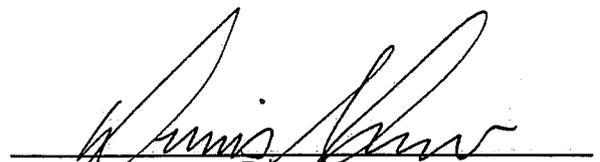
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

4/16/93

Date of Issuance

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

RT/jyi

PERMIT TO CONSTRUCT

New

PERMIT NO. 93-063

Renewal

Modified

Town Of Sundance Jacobs Sewer Line
(Name of Facility)

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

Town of Sundance
213 Main Street
Sundance, WY 82729

to construct, install or modify sewer main extension according to the procedures and conditions of the application No. 93-063. The facility is located in the SE/4 SW/4, 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: District Supervisor, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

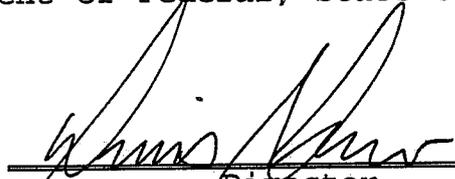
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:


Administrator
Water Quality Division
3-29-93

Date of Issuance



Director
Dept. of Environmental Quality

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

DRM/pr:03/22/93

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 93-064
SPECIAL CONDITIONS

Inman Roofing - Residential/Commercial Septic System

This permit hereby authorizes the applicant:

Dan Inman
4014 Welchester Drive
Cheyenne, Wyoming 82009

to construct, install or modify a residential/commercial septic system according to the procedures and conditions of the application number 93-064. The facility is located in SW 1/4 Section 15 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.

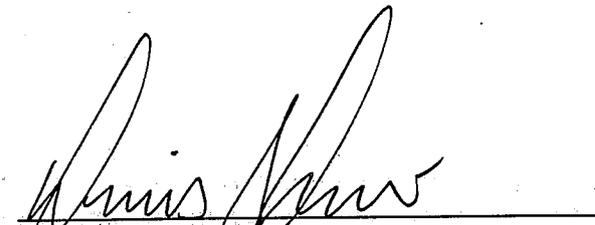
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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

3-23-93

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 3. The manholes on the septic tank (one on each compartment) must be extended to the surface because there are no clean-outs included on Rick's Precast Concrete septic tanks as required.
- 2 of 3. The intent of the construction authorized by this permit is to provide facilities for the interim treatment of wastewater until such time that treatment is available through a regional wastewater collection and treatment system. The 201 Facilities Plan Final Report: City of Cheyenne, South Cheyenne Water and Sewer District, and Laramie County requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be properly abandoned or integrated into the regional system in accordance with the requirements of the Facility Plan.
- 3 of 3. The permittee shall notify the Laramie County Environmental Health Division at least two (2) days prior to installation of this system to arrange for required

PERMIT NO. 93-064

inspections. Inspection of the installed system is required prior to backfilling. Laramie County Environmental Health charges a fee for these inspection services. Their offices are located at 100 Central Avenue, Cheyenne, Wyoming 82007; or they can be reached by phone at (307) 633-4090.

RLE/mad 31285.LTR

cc: Laramie County Environmental Health Division
100 Central Avenue
2nd Floor - Room 261
Cheyenne, Wyoming 82007

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 93-065
SPECIAL CONDITIONS

Cheyenne BOPU, 1st Street Sewer Replacement

This permit hereby authorizes the applicant:

Cheyenne BOPU
2100 Pioneer
P.O. Box 1469
Cheyenne, Wyoming 82001

to construct, install or modify sewer collection line replacements according to the procedures and conditions of the application number 93-065. The facility is located in SW 1/4 Section 05 T13N R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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.

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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.

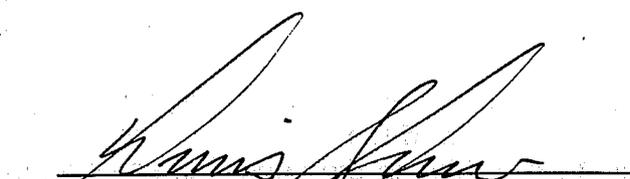
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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

5/19/93

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 1. Water Main Adjustment Detail (sheet 6/17) - The straight horizontal section of water main shown crossing under the sewer main shall be a minimum of 20 feet long and centered under the sewer main. Additionally, the separate conduit sleeve pipe shall also be a minimum of 20 feet long centered under the sewer main.

RLE/mad 32418.LTR

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Cheyenne BOPU, 1st Street Improvements - Phase I

ENGINEER: Bruce H. Perryman
A.V.I. p.c.
2035 Westland Road
Cheyenne, Wy. 82001

APPLICANT: Cheyenne BOPU
2100 Pioneer
P.O. Box 1469
Cheyenne, Wy. 82001

WATER QUALITY REFERENCE NUMBER: 93-065

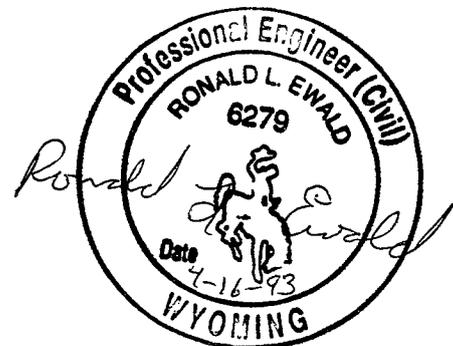
REVIEWING ENGINEER: Ronald L. Ewald

DATE OF REVIEW: April 16, 1993

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

- 1 of 6. Engineering Design Report - No Engineering Design Report (EDR) was included with this application. The requirements for the EDR, including scope and purpose, and the type of information and commentary which should be included, are described in Chapter XI, Section 6 of the Wyoming DEQ Water Quality Rules and Regulations. Please include an appropriate EDR with your next submittal.
- 2 of 6. Decreasing Sewer Size - On Maxwell Avenue (Sheet 2/15) the new 8 inch sewer enters an existing manhole which appears to be connected to only 6 inch sewer lines. Chapter XI, Section 9(c)(i)(E) prohibits a decrease in sewer size in the direction of flow.
- 3 of 6. Terminal Cleanouts - Terminal cleanouts are only allowed if they are less than 150 feet from the nearest downstream manhole. According to Section 9(d)(i), manholes are required at the proposed locations of the terminal cleanouts.



Review of Plans & Specs - 93-065

April 16, 1993

Page 2

- 4 of 6. Water Lines - Question: Are there any existing or new water lines which will be crossing the two blocks of replaced sewer line?
- 5 of 6. Sewer Pipe Specification - Please indicate the type and rating of the sewer pipe to be used; i.e. is the pipe PVC SDR 35, or what?
- 6 of 6. Professional Engineer Stamp - All plans must be stamped and signed by a Wyoming registered Professional Engineer. These plans are not so stamped.

RE/nc 31761.LTR

PERMIT TO CONSTRUCT

New

Permit No. 93-066R

Renewal

Modified

Opal Plant Treated Industrial Wastewater Pipeline
(Name of Facility)

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

Williams Gas Processing Co.

MS 10368 P. O. Box 58900

Salt Lake City, UT 84158-0900

and

Town of Opal

135 Chrisman Street

Opal, WY 83124

to construct a wastewater pipeline according to the procedures and conditions of the application No. 93-066R. The facility is located in Section 26 & 27, T21N, R114W 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.

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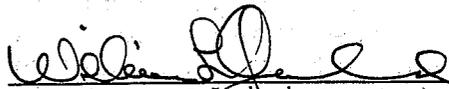
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

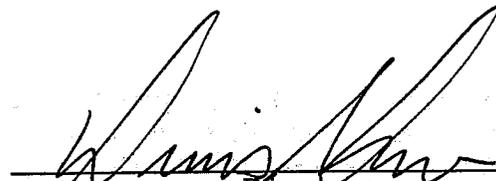
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

4-28-93

Date of Issuance

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

RT/jyi/nc 31975.LTR



THE STATE

OF WYOMING

MIKE SULLIVAN
GOVERNOR



Department of Environmental Quality

2161 Coffeen Avenue • Sheridan, Wyoming 82801

AIR QUALITY
(307) 672-6457
Fax (307) 674-6050

LAND QUALITY
(307) 672-6488
Fax (307) 672-2213

WATER QUALITY
(307) 672-6457
Fax (307) 674-6050

September 9, 1993

Mr. Craig Mader
P.O. Box 92
Gillette, WY 82717

RE: As-Built Application 92-066
Stone Gate Estates Chlorinator
SE NW Section 12 T49N R73W, Campbell County

Dear Mr. Mader:

The DEQ/WQD has reviewed the referenced application. Our review of the material submitted indicates the system meets all of the DEQ/WQD minimum design standards for the construction of a chlorinator and chlorination room.

Nothing in this letter constitutes an endorsement of the construction or the design of the described facility. The State assumes no liability and does not in any way guarantee the performance of the applicant in the exercise of activities identified in 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 referenced facility. The State does not in any way waive its sovereign immunity by the issuance of this letter.

Since a permit to construct cannot be issued for as-built facilities, this letter will serve as your final approval document.

Yours truly,

for
William L. Garland
Administrator
Water Quality Division

DKM/DRM/pr

xc: Don McKenzie, DEQ/WQD, Sheridan
Larry Robinson, DEQ/WQD, Cheyenne

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 93-067RR
* SPECIAL CONDITIONS *

National Wildlife Art Museum
(Name of Facility)

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

National Wildlife Art Museum
P.O. Box 2984
Jackson, WY 83001

to construct a sewage collection system, septic tanks, leach fields and monitor wells according to the procedures and conditions of the application No. 93-067RR. The facility is located in Section 22, 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.

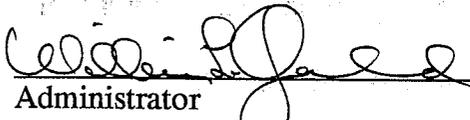
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

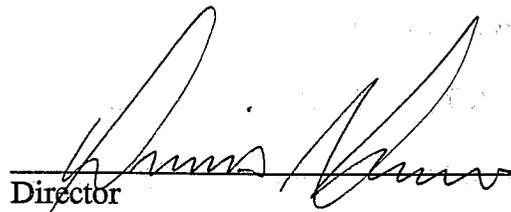
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The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal,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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

8-27-93

Date of Issuance

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

* CONDITIONS 1 THROUGH 4 *

1 of 4

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

Permit to Construct #93-067
National Wildlife Art Museum

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

JH/jyi/nc 33815.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 93-067RR
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. YES
- B. Chapter XII. NO
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- YES
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- NO
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- NO
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- N/A
- B. Briefly state the basis for the deviation.
- N/A
- C. Permit based on general or statewide deviation contained in approved policy statement.
- N/A

Statement of Basis
93-067RR
August 12, 1993

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

Applicable

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

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

N/A

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

N/A

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

N/A

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

N/A

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

The leach field will possibly raise some parameters above existing levels but will return to background upon removal of the facility.

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

Statement of Basis
93-067RR
August 12, 1993

There are no existing or potential withdrawal points within 1000 plus feet down gradient. The site is bounded by a highway and the National Elk Refuge.

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

No monitoring required

VII. Documentation of Statement of Basis.

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

JH/jyi/nc 33815.LTR

PERMIT TO CONSTRUCT

[] New
[] Renewal
[X] Modified

PERMIT NO. 93-068
Reference Permit 92-379
See Special Conditions

RANCH A SEPTIC SYSTEM
(Name of Facility)

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

U.S. Fish and Wildlife Service
P.O. Box 25486, Denver Federal Center
Denver, CO 80225

to construct, install or modify a wastewater treatment facility according to the procedures and conditions of the application No. 92-379. The facility is located in the NW/4, Section 25, Township 52 North, Range 61 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: District Supervisor, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

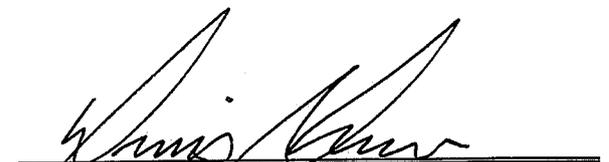
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

3-29-93

Date of Issuance

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

DRM/pr:03/22/93

Permit Conditions on following page.

PERMIT CONDITIONS

- 1 of 2 Once the construction is complete, an as-built drawing(s) shall be submitted to the DEQ/WQD Sheridan District Office.

- 2 of 2 An abandonment report for the existing package waste treatment plant, sewer lines, and pump station equipment shall be provided to the DEQ/WQD Sheridan office upon project completion.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 93-069
SPECIAL CONDITIONS

Town of Wheatland - Water and Sewer Improvements

This permit hereby authorizes the applicant:

Town of Wheatland
600 9th Street
Wheatland, WY 82201

to construct, install or modify water and sewer improvements according to the procedures and conditions of the application number 93-069. The facility is located in parts of sections 12 & 13 T24N R68W in the county of Platte, 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

5/7/93

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 7. Mason Street Water/Sewer Crossing - If it is found during construction of the new sewer line in the alley between 11th and 12th Streets that at Mason Street where it crosses under an existing 8 inch water main the minimum 18 inch vertical separation cannot be achieved, then either the water or sewer line will be encased in a separate conduit pipe as required by Chapter XII, Section 14(g)(ii).
- 2 of 7. East Cole Street Water Main - A water valve shall be installed on this water line just on the east side of the connection to the existing 10 inch water main at approximately Station 0+10.
- 3 of 7. Variance Approved - Decreasing Sewer Size - A variance from the requirements of Chapter XI, Section 9(c)(i)(E) which requires that sewer pipe sizes not be decreased in the direction of flow is granted based on the information presented for the 13th Street and South Street location.
- 4 of 7. Trench excavations and backfilling will be done according to the Wyoming Public Works Standard Specifications (WPWSS).

PERMIT NO. 93-069

- 5 of 7. All new fire hydrants shall be installed according to the WPWSS with a minimum 6 inch diameter feed line and a separate valve on each hydrant feed line.
- 6 of 7. Thrust blocks shall be installed at all necessary locations according to the WPWSS.
- 7 of 7. All new manholes shall be in accordance with the WPWSS.

RLE/nc 32223.LTR

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Town of Wheatland - Water and Sewer Improvements

ENGINEER: J. Kenneth Kennedy
Kennedy Engineering
Box 1089
Wheatland, Wy. 82201

APPLICANT: Town of Wheatland
600 9th Street
Wheatland, Wy. 82201

WATER QUALITY REFERENCE NUMBER: 93-069

REVIEWING ENGINEER: Ronald L. Ewald

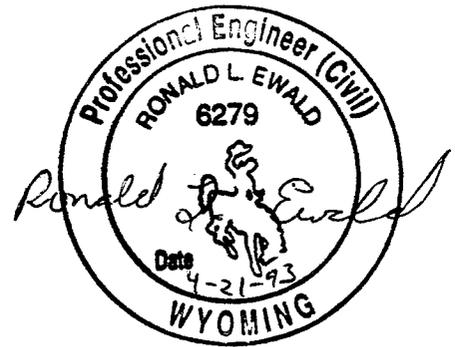
DATE OF REVIEW: April 21, 1993

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

General Comments:

1. At the downstream ends of the new sewer segments the new sewer is larger than the existing sewer which it flows into. According to Chapter XI, Section (9)(c)(i)(E) this is not allowed, "--- Pipe size shall not be decreased in the direction of flow. ---". If you feel this situation is necessary you must request a variance from this regulation in writing, explain why it is necessary, and provide technical as well as argumentative justification as to why the proposed solution is technically sound, adequate, and meets the intent of the regulations.
2. Provide invert elevations and pipe slopes for all sewer segments.
3. Provide details of all water and sewer crossings, including crossings where both services are new, or where one service is new and one is existing. Need details of both horizontal and vertical separations.



4. Water Line Pipe - Question: Is the Class 52 Ductile Iron pipe a pressure or thickness class, and does it meet the standards of AWWA C-151?

13th Street - Water and Sewer - Sheets 2 & 3

1. Provide details of the new sewer crossing the existing 8" water at Zorn Street.
2. Is the existing 3" water line to remain in service, be abandoned in place, or removed? If it is to remain in service; provide details of the water crossing at South Street, and describe the horizontal and vertical separations with the new sewer line (which appear to be too close) along the length of 13th Street.

Alley between 11th & 12th Street - Water and Sewer - Sheets 4 & 5

1. Provide details of the water and sewer crossings at:
 - a. Mason Street,
 - b. Rowley Street, and
 - c. Oak Street.

Several water valves appear to be located directly over the sewer trenches. Is this correct, and is this good?

2. Why are there 3 valves at the Mason Street tee? Only 2 are needed, the third is redundant.
3. At Rowley Street - Why not continue the new 8" water line over to the existing 10" line, instead of leaving a section of 6" line between the two. You will be working in this area anyway, and you could save a valve.
4. Please provide more details of the manhole on Rowley and the drop sewer line shown on the south side.

Alley between 10th and 11th Street - Water - Sheet 6

1. How is the new water line connected into the existing water lines on each end of the new line?
2. Is the existing 4" water line to be abandoned in place, removed, or what?
3. The horizontal separation between the new 6" water line and the existing 6" sewer line appears to be too small. Please provide more details on this.

East Cole Street - Water - Sheets 7 and 8

1. The valves on this segment of water line are more than 500 feet apart, which is the maximum allowed.
2. Is the existing 4" water line to be abandoned in place, removed, or what?

Conditions which will be on Final Permit

1. Trench excavations and backfilling will be done according to the Wyoming Public Works Standard Specifications (WPWSS).
2. All new fire hydrants shall be installed according to the WPWSS with a minimum 6" diameter feed line and a separate valve on each hydrant feed line.
3. Thrust blocks shall be installed at all necessary locations according to the WPWSS.
4. All new manholes shall be in accordance with the WPWSS.

RLE:jmm 31886.ltr

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

(X) New
() Modified

Permit Number UIC 93-070
Subclass Number: 5A7

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

Tim Lang
512 Walnut Street
Pine Bluffs, Wyoming 82082

is authorized to operate

The Tim Lang Residence Air Conditioning Return Flow Injection Well

in the NW¼ NW¼, Section 14, Township 14 North, Range 60 West, of the 6th Principal Meridian; in Laramie County according to procedures and conditions of the application #93-070 and requirements and other conditions of this permit.

This permit shall become effective on date of issuance.



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

April 12, 1993
Date



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

April 12, 1993
Date

A. Discharge (Injection) Zone and Area of Review

Discharge Zone:

This injection well is authorized to inject into the Brule Clay and Gravel Formation which is found at this location from 0 to 70 feet below the ground surface.

Area of Review:

The facility authorized by this permit is located in:

Township 14 North, Range 60 West, 6th Principal Meridian
Section 14: NW¼ NW¼

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

Township 55 North, Range 99 West, 6th Principal Meridian
Section 14: NW¼

B. Groundwater Classification

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

- a. The groundwater in this formation meets all of the quality standards set forth in Chapter VIII for class I water, and;
- b. The groundwater in this formation is presently being used as a source of water which meets the definition of class I.

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

C. Authorized Operations

The permittee is authorized to inject 5114 barrels per day, (21,600 gallons per day) of water as described:

The water to be injected consists only of water from the City of Pine Bluffs Municipal Water Supply System. This water is already required to meet all Federal Drinking Water Standards. Injection of any additive, waste product, or sewage is a violation of this permit. Injection of biocides, other than residual chlorine up to .2 mg/l is not authorized by this permit.

The permittee is authorized to inject at a pressure of no more than 70 psig pressure as measured on the discharge line to the injection well. Injection pressures shall be continuously monitored using a pressure gauge on the discharge line. Operation of the system without this pressure gauge or at a pressure in excess of 70 psig is a violation of this permit.

Hazardous Waste

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

D. Proper Operation and Maintenance

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

The permittee is required at all times to properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve permit compliance. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training and adequate laboratory and process controls, including appropriate quality assurance procedures.

The subsurface discharge (injection) authorized by permit shall be consistent with the conditions and content of the permit; any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued.

E. Entry and Inspection

The permittee shall allow the administrator, or an authorized representative, upon the presentation of credentials and other documents as may be required by law to:

1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
4. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the appropriate rules and regulations of the Department, any substances or parameters at any location.

F. Environmental Monitoring Program for Groundwaters of the State

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The permittee shall prepare records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least 3 years after closure of the facility.

3. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The name(s) of individual(s) who performed the sampling or measurements;
 - c. The date(s) analyses were performed;
 - d. Names of individuals who performed the analyses;
 - e. The analytical techniques or methods used; and
 - f. The results of such analyses.
4. The prescribed program for this permitted activity is as follows:

Because of the depth of injection, the type of water being injected, no groundwater monitoring plan is required.

G. Requirements for Monitoring the Discharge

Discharge (injection) volume and/or pressure shall be controlled and monitored to prevent fracturing of confining strata.

Because of the type of water being injected, no discharge monitoring plan is required.

H. Test Procedures

Test procedures for the determination of water quality parameters and constituents shall be in accord with provisions of Water Quality Rules and Regulations Chapter VIII, Section 7.

I. Records and Reports

In the event that this system fails and coolant of any description should leak into the injected groundwater, the permittee shall report this fact within 5 days to the department as required by section I.6. of this permit.

In the event that groundwater surfaces within 1/4 mile of this facility, the permittee shall report that fact within 5 days of his or hers first knowledge of that fact. The permittee shall investigate if groundwater surfaces to determine if this injection well is the cause of this problem.

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.
2. The permittee shall give notice to the administrator as soon as possible of any planned physical alterations or additions to the permitted facility.
3. The permittee shall give advance notice to the administrator of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

4. Monitoring results shall be reported at intervals specified in section C and/or Section G of this permit.
5. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
6. the permittee shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time the permittee becomes aware of the circumstances. the report should include:
 - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.
 - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.

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

7. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted; such reports shall contain the information listed in 6. above.
8. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the administrator, it shall promptly submit such facts or information.
9. The permittee shall retain all records concerning the nature and composition of injected fluids until 5 years after completion of any specified plugging and abandoned procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.
10. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, a groundwater pollution control permit has been issued by the department for the proposed operation, and:
 - a. Well construction is complete and the permittee has submitted notice of completion of construction to the administrator,
 - b. The administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the administrator of intent to inspect or otherwise review the facility within 13 days of the notice of a. above, in which case prior inspection or review is waived, and
 - c. Well mechanical integrity testing has been proven or demonstrated to the satisfaction of the administrator.

11. Annual reports shall be submitted to the administrator within 30 days following the anniversary date of the permit.
12. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the administrator within 30 days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

J. Permit Actions

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

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

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

A permit may be modified at any time as may be required, including for conformity which changes in regulations or standards which occur after the permit is issued.

A permit may be modified in whole or part in order to apply more, or less, stringent standards; or prohibitions for a toxic or other substance present in the permittee's discharge, as may be ordered by the council.

This operation (permit) can be terminated by authority of the administrator for one or more permit violations.

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

K. Mechanical Integrity

There are no mechanical integrity tests required for this permit.

L. Abandonment

The permittee shall notify the administrator at least 180 days before well abandonment. Immediately following the permanent cessation of subsurface discharge or related activity, or where a well has not been completed, the applicant/permittee shall notify the director and follow the procedures prescribed by the director for plugging and abandonment or the discontinuance of related activities:

If it becomes necessary to abandon this injection well, the permittee shall disconnect all piping leading to the well and abandon the well in accordance with Chapter XI, Part G of Wyoming Water Quality Rules and Regulations. No other use is authorized for this drainfield after abandonment of the groundbased heat pump system. If such other use is envisioned, the permittee shall obtain Water Quality Division approval prior to starting any such use.

M. Duties of the Permittee

It is a duty of the permittee to:

1. Comply with all permit conditions;
2. Halt or reduce activity -- it shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the permit conditions;
3. Take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit;
4. Furnish to the administrator within a reasonable time, any information which the administrator may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit; and furnish to the administrator, upon request, copies of records required to be kept by this permit.

N. Financial Responsibility

There are no financial responsibility requirements of this permit.

O. Special Measures the Director Finds Necessary

The permittee shall install a sign inside the furnace room of this residence. The exact wording of this sign shall be:

"This heating and cooling system utilizes an underground injection well. In case of any coolant leak you are required to report this fact immediately upon discovery to the Water Quality Division, by telephone at (307) 777-7781. This report shall be followed up by a written report within five (5) days addressed to:

WYOMING DEQ, WATER QUALITY DIVISION
UIC PROGRAM SUPERVISOR
HERSCHLER BUILDING, 4TH FLOOR WEST
122 WEST 25TH STREET
CHEYENNE, WYOMING 82002"

All wording shall be a minimum of 1 inch high. The leak which this sign is referring to is a leak of coolant from the system regardless of where this leak occurs.

If the residence is sold, this permit shall be transferred to the buyer on the same day as the closing for the sale. A form is required to be filed. Contact the Water Quality Division prior to sale to obtain the correct form.

P. Special Permit Conditions

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

Mechanical integrity -- operations terminate immediately if mechanical integrity of well or system fails and/or a leak or unauthorized fluid movement occurs.

Q. Signatories Requirement

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

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

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

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

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

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

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

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

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

R. Noncompliance

Any permit noncompliance constitutes a violation of the permit.

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

S. Permit Transfer

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

T. Responsibilities

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.

U. Property Rights

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.

V. Severability

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

RL/jn - 31384.ltr

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

(X) New
() Modified

Permit Number UIC 93-071
Subclass Number: 5A7

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

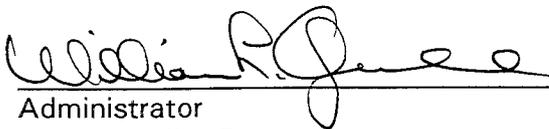
Northwest Community College
c/o Tom Bibby
231 West 6th Street
Powell, Wyoming 83435

is authorized to operate

The NWCC Math-Science Air Conditioning Return Flow Injection Well

in the NE¼ SE¼, Lot 75, Township 55 North, Range 99 West, of the 6th Principal Meridian; in Park County according to procedures and conditions of the application #93-071 and requirements and other conditions of this permit.

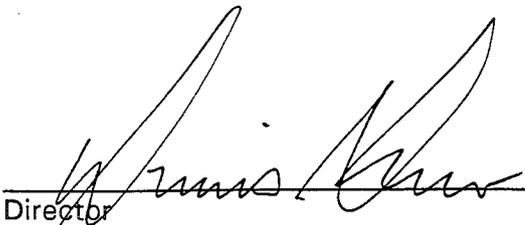
This permit shall become effective on date of issuance.



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

April 12, 1993

Date



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

April 12, 1993

Date

A. Discharge (Injection) Zone and Area of Review

Discharge Zone:

This injection well is authorized to inject into the alluvial aquifer of the Shoshone River which is found at this location from 0 to 35 feet below the ground surface.

Area of Review:

The facility authorized by this permit is located in:

Township 55 North, Range 99 West, 6th Principal Meridian
Lot 75: NE $\frac{1}{4}$ SE $\frac{1}{4}$

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

Township 55 North, Range 99 West, 6th Principal Meridian
Lot 75: ALL

B. Groundwater Classification

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

- a. The groundwater in this formation meets all of the quality standards set forth in Chapter VIII for class I water, and;
- b. The groundwater in this formation is presently being used as a source of water which meets the definition of class I.

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

C. Authorized Operations

The permittee is authorized to inject 2,177 barrels per day, (93,600 gallons per day) of water as described:

The water to be injected consists only of groundwater pumped from either the Science/Math Well #1 or the Science/Math Well #2. This water contains 552 mg/l in Total Dissolved Solids. Injection of any additive, waste product, or sewage is a violation of this permit. Injection of biocides, other than residual chlorine up to .2 mg/l is not authorized by this permit.

The permittee is authorized to inject at a pressure of no more than atmospheric pressure as measured on the discharge line to the injection well.

Hazardous Waste

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

D. Proper Operation and Maintenance

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

The permittee is required at all times to properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve permit compliance. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training and adequate laboratory and process controls, including appropriate quality assurance procedures.

The subsurface discharge (injection) authorized by permit shall be consistent with the conditions and content of the permit; any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued.

E. Entry and Inspection

The permittee shall allow the administrator, or an authorized representative, upon the presentation of credentials and other documents as may be required by law to:

1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
4. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the appropriate rules and regulations of the Department, any substances or parameters at any location.

F. Environmental Monitoring Program for Groundwaters of the State

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The permittee shall prepare records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least 3 years after closure of the facility.

3. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The name(s) of individual(s) who performed the sampling or measurements;
 - c. The date(s) analyses were performed;
 - d. Names of individuals who performed the analyses;
 - e. The analytical techniques or methods used; and
 - f. The results of such analyses.
4. The prescribed program for this permitted activity is as follows:

Because of the type of water being injected, no groundwater monitoring plan is required.

G. Requirements for Monitoring the Discharge

Discharge (injection) volume and/or pressure shall be controlled and monitored to prevent fracturing of confining strata.

Because of the type of water being injected, no discharge monitoring plan is required.

H. Test Procedures

Test procedures for the determination of water quality parameters and constituents shall be in accord with provisions of Water Quality Rules and Regulations Chapter VIII, Section 7.

I. Records and Reports

In the event that this system fails and coolant of any description should leak into the injected groundwater, the permittee shall report this fact within 5 days to the department as required by section I.6. of this permit.

In the event that groundwater surfaces within 1/4 mile of this facility, the permittee shall report that fact within 5 days of his or hers first knowledge of that fact. The permittee shall investigate if groundwater surfaces to determine if this injection well is the cause of this problem.

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.
2. The permittee shall give notice to the administrator as soon as possible of any planned physical alterations or additions to the permitted facility.
3. The permittee shall give advance notice to the administrator of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

4. Monitoring results shall be reported at intervals specified in section C and/or Section G of this permit.
5. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
6. the permittee shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time the permittee becomes aware of the circumstances. the report should include:
 - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.
 - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.

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

7. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted; such reports shall contain the information listed in 6. above.
8. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the administrator, it shall promptly submit such facts or information.
9. The permittee shall retain all records concerning the nature and composition of injected fluids until 5 years after completion of any specified plugging and abandoned procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.
10. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, a groundwater pollution control permit has been issued by the department for the proposed operation, and:
 - a. Well construction is complete and the permittee has submitted notice of completion of construction to the administrator,
 - b. The administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the administrator of intent to inspect or otherwise review the facility within 13 days of the notice of a. above, in which case prior inspection or review is waived, and
 - c. Well mechanical integrity testing has been proven or demonstrated to the satisfaction of the administrator.

11. Annual reports shall be submitted to the administrator within 30 days following the anniversary date of the permit.
12. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the administrator within 30 days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

J. Permit Actions

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

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

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

A permit may be modified at any time as may be required, including for conformity which changes in regulations or standards which occur after the permit is issued.

A permit may be modified in whole or part in order to apply more, or less, stringent standards; or prohibitions for a toxic or other substance present in the permittee's discharge, as may be ordered by the council.

This operation (permit) can be terminated by authority of the administrator for one or more permit violations.

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

K. Mechanical Integrity

There are no mechanical integrity tests required for this permit.

L. Abandonment

The permittee shall notify the administrator at least 180 days before well abandonment. Immediately following the permanent cessation of subsurface discharge or related activity, or where a well has not been completed, the applicant/permittee shall notify the director and follow the procedures prescribed by the director for plugging and abandonment or the discontinuance of related activities:

If it becomes necessary to abandon this injection drainfield, the permittee shall disconnect all piping leading to the drainfield and abandon this drainfield in place. No other use is authorized for this drainfield after abandonment of the groundbased heat pump system.

M. Duties of the Permittee

It is a duty of the permittee to:

1. Comply with all permit conditions;
2. Halt or reduce activity -- it shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the permit conditions;
3. Take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit;
4. Furnish to the administrator within a reasonable time, any information which the administrator may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit; and furnish to the administrator, upon request, copies of records required to be kept by this permit.

N. Financial Responsibility

There are no financial responsibility requirements of this permit.

O. Special Measures the Director Finds Necessary

The permittee shall install a sign inside the furnace room of this residence. The exact wording of this sign shall be:

"This heating and cooling system utilizes an underground injection well. In case of any coolant leak you are required to report this fact immediately upon discovery to the Water Quality Division, by telephone at (307) 777-7781. This report shall be followed up by a written report within five (5) days addressed to:

WYOMING DEQ, WATER QUALITY DIVISION
UIC PROGRAM SUPERVISOR
HERSCHLER BUILDING, 4TH FLOOR WEST
122 WEST 25TH STREET
CHEYENNE, WYOMING 82002"

All wording shall be a minimum of 1 inch high. The leak which this sign is referring to is a leak of coolant from the system regardless of where this leak occurs.

If this building is sold, this permit shall be transferred to the buyer on the same day as the closing for the sale. A form is required to be filed. Contact the Water Quality Division prior to sale to obtain the correct form.

P. Special Permit Conditions

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

Mechanical integrity -- operations terminate immediately if mechanical integrity of well or system fails and/or a leak or unauthorized fluid movement occurs.

Q. Signatories Requirement

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

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

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

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

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

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

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

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

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

R. Noncompliance

Any permit noncompliance constitutes a violation of the permit.

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

S. Permit Transfer

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

T. Responsibilities

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.

U. Property Rights

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.

V. Severability

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

RL/jn - 31385.ltr

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 93-072
CONDITIONED

FMC Coke Plant FBPOC Monitor Wells
(Name of Facility)

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

FMC Corp., Phosphorus Chemicals Division

P.O. Box 431

Kemmerer, Wy 83101

to install a series of nested monitoring wells according to the procedures and conditions of the application No. 93-072. The facility is located in Section 13, T20N, R117W 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.

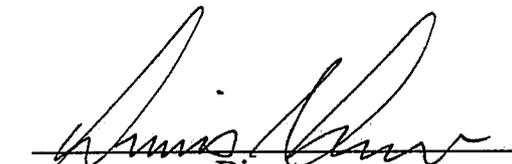
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

4-12-93

Date of Issuance

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

Conditions for Monitoring Wells 1 through 11

1. of 11 The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 93-072. Additional wells meeting the requirements of the application this permit may be installed if prior approval is received from the Water Quality Division (WQD).

2. of 11 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.
3. of 11 After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
4. of 11 A waterproof protective casing and locking cap is required on all monitoring wells. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered on the outside of the protective casing and on the inside of the well cap.
5. of 11 The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial actions which may be required. Depending on the results of the subsurface contamination investigation, additional site investigations or remedial measures may be required by the WQD. An adequate number of wells shall be installed to define the extent of contamination.
6. of 11 In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:
 - a. 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. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected. If contaminants are present or expected to be present, development water should be disposed of in accordance with all state and federal regulation;
 - h. 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
7. of 11 DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and sample collection so that DEQ/WQD personnel may be on-site if deemed necessary.
8. of 11 Within 90 days of issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
- a. A chronology of events leading up to the investigation;
 - b. A site map showing physical features, well locations and elevations;
 - c. The monitoring well elevation should be measured from the top of casing and that measuring point should be clearly marked on the inside of the casing with an arrow (^).
 - d. Final location, construction details and logs of all monitoring wells;
 - e. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
 - f. Water level and product thickness measurements where applicable;
 - g. Sample collection procedures;
 - h. Sampling analytical results;
 - i. Maps delineating the extent of the subsurface contamination including free product, soil and dissolved groundwater contamination and concentrations;
 - j. A potentiometric surface map showing the direction of groundwater movement; and
 - k. Interpretation of data and conclusions including recommended remedial measures.

Permit to Construct
FMC Coke Plant
Permit Number 93-072
Page 5

9. of 11 Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
10. of 11 The results of any analyses conducted on soil or water removed from these wells or boreholes shall be provided to the department as soon as they are available.
11. of 11 The final report and as-built construction data shall be submitted to both Tim Link, SHWM Division, Cheyenne, and Doug Gilmer, WQD Lander as soon as available. All sampling data collected in accordance with the EPA post closure permit conditions shall also be submitted to the above individuals.

cc: Kevin Frederick, DEQ/WQD GPC Program Director, Cheyenne
 Jake Strohman, DEQ/WQD GPC Program Administrator, Cheyenne
 Tim Link, DEQ/SWM

File (2)

PERMIT TO CONSTRUCT

New

Permit No. 93-073

Renewal

Modified

Granger Wastewater Disposal Field
(Name of Facility)

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

Walter Granger

c/o High County Log Homes

2810 Highway 120

to construct a septic tank/leach field according to the procedures and conditions of the application No. 93-073. The facility is located in N1/2NE1/4 Sec. 16, T56N, R95W in the County of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

	
Administrator	Director
Water Quality Division	Dept. of Environmental Quality

4-12-93
Date of Issuance

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

JH:fi

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 93-074

Crest Ridge Subdivision - Water and Sewer Improvements

This permit hereby authorizes the applicant:

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

to construct, install or modify water distribution and sewer collection improvements according to the procedures and conditions of the application number 93-074. The facility is located in NE 1/4 Section 21 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

4-28-93
Date of Issuance

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

RLE:jmm 31898.ltr

93-075 (REF/91-067)

Frederick

Little America Refining Co (Natrona)

(These have been with Kevin for some time without being logged in, thus the 92 dates in the books).

Date	Action	60-days
7-23-92	UK	9-23-92
2-17-93	RS (meeting) ²⁰⁹	
5-13-93	Removed from app + tracking - KBF doing letter instead (dated 5/10/93)	
	(Covered under permit 91-067)	32269.LTR

MEMORANDUM

TO: IPS Permit to Construct File (#93-076)
FROM: Kevin Frederick *KF*
RE: Permit to Construct #93-076
DATE: December 16, 1993

Application for Permit to Construct #93-076 (Sinclair Oil Refinery) has been withdrawn. Sinclair inappropriately submitted an application to receive WDEQ/WQD authorization to extend a deadline established as a Condition to an existing Permit (91-090). This request did not require a Permit to Construct and was authorized via WDEQ/WQD letter.

PERMIT TO CONSTRUCT

[X] New
[] Renewal
[] Modified

Permit No. 93-077R

AML 6A-5-1-B Utility Repairs
(Name of Facility)

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

City of Rock Springs

212 D Street

Rock Springs, WY 82901

to construct a water and sewer line replacements according to the procedures and conditions of the application No. 93-077R. The facility is located in SW¼ Section 36, T19N, R105W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5/7/93

Date of Issuance

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

RT/jyi
bb

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 93-078

Frontier Refinery - Hydrogen Plant Storm Sewer

This permit hereby authorizes the applicant:

Frontier Refining, Inc.
Attn. Rob Gronewold
P.O. Box 1588
Cheyenne, Wyoming 82003

to construct, install or modify a storm water collection system according to the procedures and conditions of the application number 93-078. The facility is located in NW 1/4 Section 04 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.

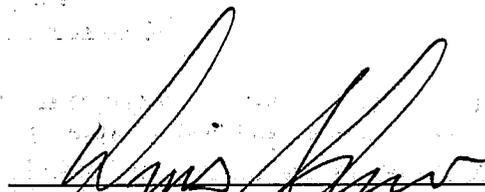
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

4-28-93

Date of Issuance

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

RLE:jmm 31904.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-079

Frontier Refinery - DHDS Unit Storm Sewer

This permit hereby authorizes the applicant:

Frontier Refining, Inc.
Attn. Rob Gronewold
P.O. Box 1588
Cheyenne, Wyoming 82003

to construct, install or modify a storm water collection system according to the procedures and conditions of the application number 93-079. The facility is located in NW 1/4 Section 04 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.

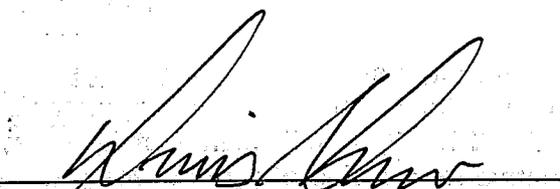
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

4-28-93
Date of Issuance

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

file

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 93-080
SPECIAL CONDITIONS

Audio Video Building Monitoring Wells

This permit hereby authorizes the applicant:

Earl Downs
P.O. Box 3465
Jackson, Wyoming 83001

to construct, install or modify a system of environmental monitoring wells according to the procedures and conditions of the application number 93-080. The facility is located in SE1/4SW1/4 Section 32, T41N, R116W, 6th P.M. in the county of Teton, 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: Program Supervisor, UIC Section, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

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

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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

4-12-93

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 11. The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 93-080. 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.

PERMIT NO. 93-080

- 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 an 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.

PERMIT NO. 93-080

- 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.

PERMIT NO. 93-080

10 of 11. All monitor wells associated with this facility shall be sampled and the groundwater analyzed quarterly for the following listed parameters:

- a. Total Phenolic Hydrocarbons using EPA Method 420.1;
- b. Cadmium using EPA 200 series methods;
- c. Lead using EPA 200 series methods;
- d. Chromium using EPA 200 series methods;
- e. Purgeable Aromatic and Halogenated Hydrocarbons using EPA Method 624;
- f. After the first monitoring event, the WQD may substitute a shorter list for the above parameters, and may waive future monitoring altogether. WQD may substitute less expensive methods for the above listed methods depending on the results of the first monitoring; and
- g. 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 September, 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.

RFL/bb/31548.LTR

PERMIT TO CONSTRUCT

[X] New
[] Renewal
[] Modified

Permit No. 93-081RR

Panorama View Addition - Phase I
(Name of Facility)

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

Bill Nielson

Mountain Holding, Inc.

1825 Big Horn Ave.

Cody, WY 82414

to construct a 8 and 10 inch treated water main and 8 inch sewer with manholes according to the procedures and conditions of the application No. 93-081RR. The facility is located in Section 2 (Lot 4 resurvey) T52N, R102W 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.

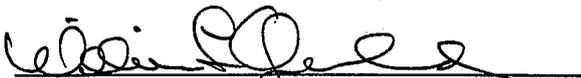
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

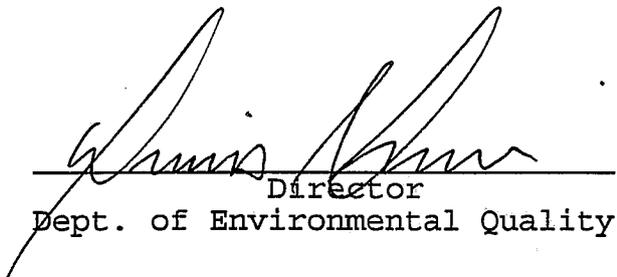
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

7-20-93

Date of Issuance

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

JH/jyi/b

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 93-082R
* **CONDITIONED** *

Teton County/Jackson Recreation Center
(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 water mains with fire hydrants and sewer collectors with manholes according to the procedures and conditions of the application No. 93-082R. The facility is located in SW1/4SW1/4 Sec. 27, 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.

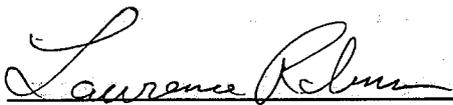
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

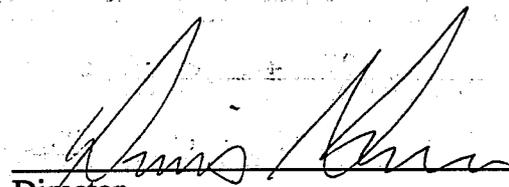
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Department of Environmental Quality

9-13-93
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1 of 4

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

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 93-082R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. yes

B. Chapter XII. yes

III. Basis for issuing permit.

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

Yes

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

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

Statement of Basis
93-082R
August 13, 1993

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

N/A

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

N/A

JH/ji/nc 34221.LTR

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

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 93-083
CONDITIONED

Mobil E & P, USA Well 18-12 Monitor Wells
(Name of Facility)

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

Mobil Exploration & Production, US Inc.

P.O. Box 370

Big Piney, WY 83113

to construct a series of groundwater monitoring wells and soil borings according to the procedures and conditions of the application No. 93-083. The facility is located in SW SW Section 12, T28N, R114W 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.

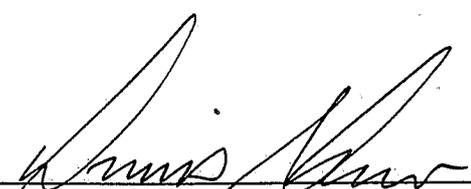
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

4-12-93

Date of Issuance

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

Conditions for Monitoring Wells

1. of 13 The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 93-083. Additional wells meeting the requirements of the application this permit may be installed if prior approval is received from the Water Quality Division (WQD).

2. of 13 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.
3. of 13 After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
4. of 13 A waterproof protective casing and locking cap is required on all monitoring wells. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered on the outside of the protective casing and on the inside of the well cap.
5. of 13 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 13 In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:
 - a. 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;

7. of 13 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. If contaminants are present or expected to be present, development water should be disposed of in accordance with all state and federal regulation;
 - g. 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
8. of 13 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.
9. of 13 Within 90 days of issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
- h. A chronology of events leading up to the investigation, including emergency free product containment (trench installation, collection pits, siphons, etc.) and disposal activities;
 - i. A site map showing physical features, well locations and elevations;
 - j. The monitoring well elevation should be measured from the top of casing and that measuring point should be clearly marked on the inside of the casing with an arrow (^).
 - k. Final location, construction details and logs of all monitoring wells;
 - l. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
 - m. Water level and product thickness measurements if applicable; this should include an accounting of free product removal and disposal activities;
 - n. Sample collection procedures;
 - o. Sampling analytical results;
 - p. Maps delineating the extent of the subsurface contamination including free product, soil and dissolved groundwater contamination and concentrations;

- q. A potentiometric surface map showing the direction of groundwater movement;
and
 - r. Interpretation of data and conclusions including recommended remedial measures.
10. of 13 Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
11. of 13 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.
12. of 13 The time schedule for plan implementation is submitted in the site work plan shall be adhered to. Drilling shall commence on or before April 16, 1993.
13. of 13 In addition to the analytical testing detailed in the work plan, soil shall be analyzed for TPH by EPA Method 8015 Modified for gasoline and the groundwater shall be analyzed for Benzene, Ethylbenzene, Toluene, and total Xylenes (BETX) by EPA Method 8020. Soil samples taken for laboratory analysis shall be collected from the most highly contaminated zone encountered during drilling. Groundwater sampling shall be performed quarterly until further notice, and shall be submitted as soon as results are available to Doug Gilmer, DEQ/WQD Lander office.

DG/bb

cc: Kevin Frederick, DEQ/WQD GPC Program Director, Cheyenne
Jake Strohman, DEQ/WQD GPC Program Administrator, Cheyenne
File: Mobil E&P Tip Top Seep, Sublette County

PERMIT TO CONSTRUCT

New

Permit No. 93-084

Renewal

Modified

Sunrise Townhouses
(Name of Facility)

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

Clark Brooks

107 Bellevue Avenue

Summit, NJ 07901

to construct a water distribution and sewage collection system according to the procedures and conditions of the application No. 93-084. The facility is located in NE¼, NW¼, Section 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

4-28-93

Date of Issuance

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

JH:mam



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

May 17, 1993

CERTIFIED

Mr. Craig Thompson
Joint Powers Water Board
P.O. Box 158
50 East 2nd North
Green River, WY 82935

*Note: Resubmitted package
was received on March
30, 1993 and assigned
number 93-085
Executed copies of
permit application were
received on May 17, 1993.
L.R.R.*

RE: Permit Application No. 92-377. Rock Springs Pipeline Phase III Water Treatment Plant
Clearwell and Two Pump Stations.

Dear Mr. Thompson:

The Water Quality Division received your re-submittal of the above referenced permit application on March 30, 1993, and has conducted a technical review of the application. **You are herewith notified that your application for a permit to construct the desired improvements to the existing water treatment plant and associated works is denied.** The application has been denied because the design does not meet the minimum design and construction standards as specified in Sections 8, 12, and 13, Chapter XII, Wyoming Water Quality Rules and Regulations. Specifically your application does not meet the following provisions:

" Section 8 (b) (i). Location. Treatment facilities shall be located such that no sources of pollution may affect the quality of the water supply or treatment system. The facilities **shall not** be located within 500 feet of landfills, garbage dumps, or wastewater treatment systems."

There is a wastewater treatment facility currently being operated in the vicinity of the proposed construction. The test pit excavation logs indicate the presence of old bricks, cinders, wood, etc. indicating the probable presence of an old dump. Bore hole #2 also showed the presence of RCRA hazardous wastes, specifically arsenic, acetone, naphthalene, and fluorine. The conclusions presented in the report prepared by USPCI erroneously states the sample results did not indicate the presence of RCRA hazardous wastes. All of these sites appear to be within 500 feet of the proposed construction activities. The hazardous waste site is immediately adjacent to the existing clarifier.

" Section 12 (d). Wetwells. Finished water wetwells....shall be located above the groundwater table (seasonal high) and the top of the walls from the wetwell shall be at least 18 inches above finished grade."

Your application does not appear to satisfy this requirement.

" Section 13 (a) (ii) Location of ground level reservoirs.

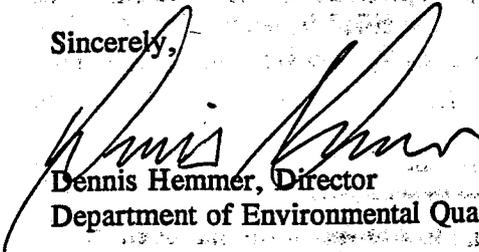
(B) When the bottom is below normal ground surface, it shall be placed above the groundwater table. Sewers, drains, standing water, and similar sources of possible contamination must be kept at least 50 feet from the reservoir.

The division review of the USPCI report concludes that the entire treatment plant site is contaminated by hazardous substances specifically diesel fuel and gasoline with the exception of a portion of the southwest corner. The proposed construction cannot possibly comply with these requirements.

As a practical, instead of a legal matter, to invest large amounts of public funds on a site knowingly contaminated by RCRA hazardous wastes certainly doesn't seem to be in the public's best interest. This site is going to have to be remediated in the future, and will take years to complete. How the cleanup activities will affect the treatment facilities is unknown. Additionally, a complete site assessment will be required for the entire treatment plant location and the adjacent property. Extensive onsite work will be required including drilling activities in and around the existing facilities. Caution will need to be taken to protect the integrity of the existing system during these onsite investigative activities.

In accordance with the provisions of WS 35-11-802, you have the right to appeal the denial of your application for a construction permit to construct the above referenced facilities. A request for a hearing shall be made within sixty (60) days of receipt of notification of the denial. If a hearing is requested, the hearing petition shall be mailed to the Chairman of the Environmental Quality Council, Room 308, Barrett Building, Cheyenne, Wyoming 82002. A copy of the petition shall also be sent to Dennis Hemmer, Director, Department of Environmental Quality, Herschler Building, 4th Floor, 122 West 25th Street, Cheyenne, Wyoming 82002. The petitions shall be sent by registered mail, return receipt requested.

Sincerely,



Dennis Hemmer, Director
Department of Environmental Quality

DH/WLG/bb/32388.LTR

CC: William L. Garland, WQD
Mike Besson, WWDC
John Zebre, Attorney
✓ Larry Robinson, WQD
Nat Miullo, RCRA, USEPA

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 93-086

Basin St./Gregg Way - Water and Sewer Improvements

This permit hereby authorizes the applicant:

Cheyenne BOPU
2100 Pioneer Ave.
Cheyenne, WY 82001

to construct, install or modify water and sewer improvements according to the procedures and conditions of the application number 93-086. The facility is located in SW 1/4 Section 22 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.

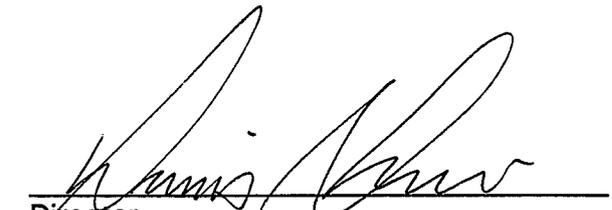
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

5/7/93

Date of Issuance

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

RLE/nc 32228.LTR

file

PERMIT TO CONSTRUCT

New
Renewal
 Modified

PERMIT NO. 93-087
Special Conditions
Reference 93-012

Converse Avenue - Phase II, Sewer Extension

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities
Attn. Herman Noe
P.O. Box 1469
Cheyenne, Wyoming 82003

to construct, install or modify a sewer line extension according to the procedures and conditions of the application number 93-087. The facility is located in SW 1/4 Section 21 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.

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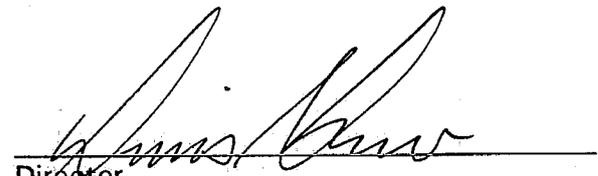
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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

4-12-93

Date of Issuance

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

Special Conditions

Reference 93-012

RLE/jn - 31537.ltr

PERMIT TO CONSTRUCT

[] New

Permit No. 93-088R

[X] Renewal

[] Modified

Flat Creek Motel Unit 3, Wastewater Facility
(Name of Facility)

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

Rich Robokoff

1939 North Highway 89

Jackson, WY 83001

to construct a septic tank/leach field system according to the procedures and conditions of the application No. 93-088R. The facility is located in NW¼ Section 22, 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.

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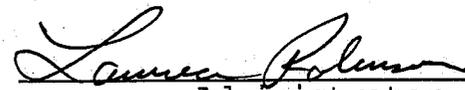
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The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted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

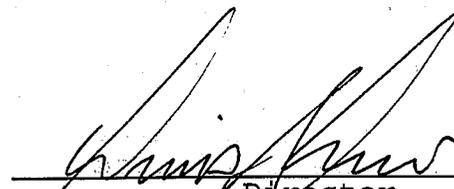
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AUTHORIZED BY:



Administrator
for Water Quality Division



Director
Dept. of Environmental Quality

6/25/93

Date of Issuance

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

JH/jyi

cc: Dick Worl, Teton County Sanitarian

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 93-089
SPECIAL CONDITIONS

Harney & 22nd Streets - Water and Sewer Improvements

This permit hereby authorizes the applicant:

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

to construct, install or modify water and sewer improvements according to the procedures and conditions of the application number 93-089. The facility is located in parts of Sections 27 & 34 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.

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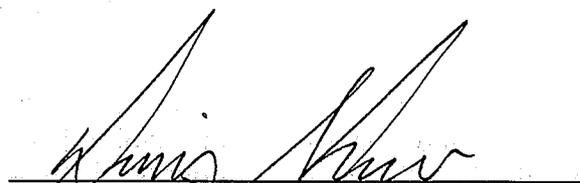
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

5/7/93

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 1. Water mains crossing under sewers shall be cased in a separate casing pipe, regardless of vertical separation, as indicated in Item 1.a. of the review response comments dated April 29, 1993.

RLE/bb/32165.LTR

PERMIT TO CONSTRUCT

- [X] New
[] Renewal
[] Modified

Permit No. 93-090R

Wright Septic Tank/Wastewater Disposal System
(Name of Facility)

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

Bradley Wright

P.O. Box 207

Greybull, WY 82426

to construct a septic tank/leach tank & leach trench according to the procedures and conditions of the application No. 93-090R. The facility is located in Section 9, T52N, R93W in the County of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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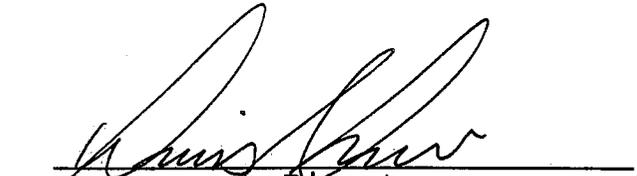
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AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5-6-93

Date of Issuance

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

JH/jyi 32199

THE STATE



OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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December 1, 1995

Jack Neckels
Grand Teton National Park
P.O. Box 170
Moose, WY 83012

RE: As-Built Permit To Construct, WQD Reference Number 93-92RRRR

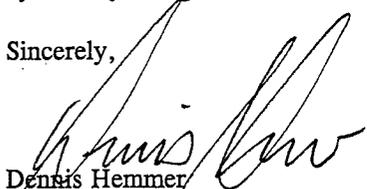
Dear Mr. Neckels:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application submitted by your engineer, Robert Wemple. Our review of the information and as-constructed plans submitted to this office indicates that the application meets DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers the wastewater treatment lagoon system and the winter use leachfield which have already been constructed.

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

This facility was constructed between the time this office received the original application for a permit to construct and the time the final submittal of information was received on September 28, 1995. The DEQ/WQD would appreciate your cooperation in insuring that future projects are permitted before construction begins as is required by the Wyoming Environmental Quality Act.

Sincerely,


Dennis Hemmer
Director
Department of Environmental Quality

DH/jh/jyi
Enclosure
b/60003.ltr

AS-BUILT
PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 93-92RRRR
SPECIAL CONDITIONS

Signal Mountain Wastewater Treatment Facility

This permit hereby authorizes the applicant:

Jack Neckels
Grand Teton National Park
P.O. Box 170
Moose, WY 83012

to have constructed a wastewater treatment lagoon system and leach field and monitoring well according to the procedures and conditions of the application number 93-92RRRR. The facility is located in SW¼ Section 36, T45N, R115W in the county of Teton, in the State of Wyoming.

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

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

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

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

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

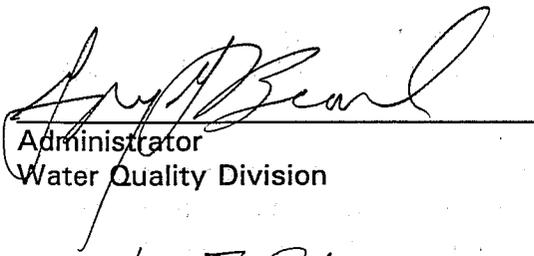
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

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

1. of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
2. of 3 Groundwater monitoring must continue twice per year and for the same parameters as in past monitoring.
3. of 3 An Operations and Maintenance Manual (O & M Manual) drafted in compliance with Section 24 of the Water Quality Division Chapter XI Rules and Regulations, must be submitted to the DEQ/WQD, Lander, within 60 days of issuance of this permit. Approval of the final O & M Manual is required prior to the facility start up in 1996.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

1-5-96

Date of Issuance

JH/jyi/b/60003.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: As- Built 93-92RRRR

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

Applicable

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

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

n/a

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

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

n/a

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

unknown

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

n/a

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

Upon removal of the wastewater treatment facility groundwater quality will return to background.

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

No users of groundwater within 5 miles down gradient.

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

Three monitor wells are installed with semi-annual sampling. No limits are set due to lack of G.W. use and total control by the Park Service.

VI. Documentation of Statement of Basis.

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

CERTIFICATION

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

JH/jyi/b/60003.ltr

PERMIT TO CONSTRUCT

New

Permit No. 93-093R

Renewal

Modified

Thermopolis Water Treatment Plant Improvements Phase III
(Name of Facility)

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

Town of Thermopolis

P. O. Box 603

Thermopolis, WY 82443

to construct and install a solids contact clarifier recarb system, controls, and mechanical and electrical systems according to the procedures and conditions of the application No. 93-093R. The facility is located in SW $\frac{1}{4}$ Section 1, T.42N., R.95W. 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.

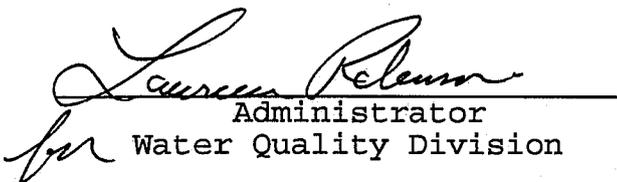
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

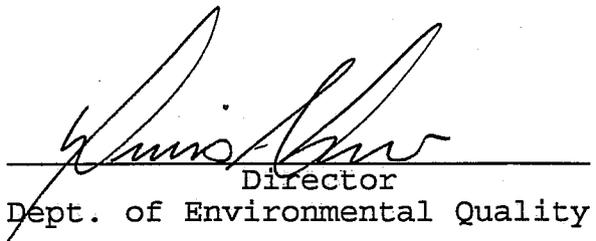
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

6-28-93

Date of Issuance

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

JH:mam:nc 33031.LTR

RF

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

(X) New
() Modified

Permit Number 93-094
UIC Class 5X26
(Aquifer Remediation)

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

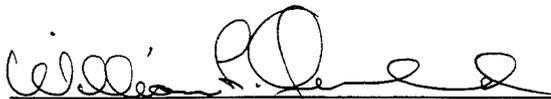
Petrotomics Company
P.O. Box 8509
Shirley Basin, Wyoming
(307) 234-9341
Attn: R. A. Juday

is authorized to operate

an aquifer remediation injection system, located in T27N, R78W, Sections 4, 5, and 9 of the 6th P.M. in Carbon County, Wyoming

according to procedures and conditions of the application 93-094 and requirements and other conditions of this permit.

This permit shall become effective on date of issuance.



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

April 19, 1993
Date



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

April 19, 1993
Date

A. Discharge (Injection) Zone and Area of Review

The discharge zone is limited to the Upper Wind River Aquifer within 1/4 mile of the Petrotoomics Uranium tailings facility in Shirley Basin, Wyoming. The Area of Review was limited the area within 1/4 mile of the facility, all of which is contained within the following described area:

Township 27 North, Range 78 West, 6th Principal Meridian
 Section 4: SW1/4
 Section 5: NE1/4 SE1/4
 Section 9: NW1/4

B. Groundwater Classification

The groundwater in the Upper Wind River Aquifer in this location is class IV(a) groundwater of the state based on the baseline water quality summarized here:

PARAMETER	WELLS CONSIDERED	RANGE OF VALUES
Total Dissolved Solids	1SC, 39SC, 40SC, 41SC, and 1AC	120 - 7,260
Sulfate		31 - 3,720
Chloride		2 - 690
Arsenic		>.001 - .060
Barium		>.050 - .140
Cadmium		>.005 - .040
Chromium		>.010 - .080
Lead		>.050 - .250
Nickel		>.010 - 2.40
Selenium		>.001 - .180
Uranium		0.003 - 2.40
Total Radium 226 and 228		0.32 - 62.0
Thorium 230		0.0 - 40.0

C. Authorized Operations

The permittee is authorized to construct and operate up to 5 drainlines and 20 injection wells as described in the application. Water pumped from the "Old Mill Well" (UW 2205), is authorized to be injected into this system. The maximum amount of water to be injected through this system shall not exceed 590,400 gallons per day as a total of all injection facilities covered by this permit. This injection shall be limited to a maximum pressure of 10 psig as measured at a point on the main injection line very near to the points of injection. Allowing water to surface from this system is a violation of this permit.

The quality of the water to be injected as produced from the Lower Wind River Aquifer at the "Old Mill Well" meets the quality requirements for class III groundwater.

Hazardous Waste

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

D. Proper Operation and Maintenance

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

The permittee is required at all times to properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve permit compliance. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training and adequate laboratory and process controls, including appropriate quality assurance procedures.

The subsurface discharge (injection) authorized by permit shall be consistent with the conditions and content of the permit; any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued.

E. Entry and Inspection

The permittee shall allow the administrator, or an authorized representative, upon the presentation of credentials and other documents as may be required by law to:

1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
4. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the appropriate rules and regulations of the Department, any substances or parameters at any location.

F. Environmental Monitoring Program for Groundwaters of the State

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The permittee shall prepare records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least 3 years after closure of the facility.

3. Records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurements;
- b. The name(s) of individual(s) who performed the sampling or measurements;
- c. The date(s) analyses were performed;
- d. Names of individuals who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The results of such analyses.

4. The prescribed program for this permitted activity is as follows:

Petrotoomics shall monitor the following wells for the following parameters:

MONITOR WELLS TO BE TESTED	PARAMETERS TO BE TESTED	SCHEDULE
1SC, 3SC, 4SC, 5SC, 39SC, 40SC, 41SC, 42SC, 43SC, 44SC, 45SC, 51SC, 54SC, 56SC, 57SC, 58SC, 59SC, 60SC, 61SC, 62SC, 63SC, and 64SC	Static Water Level	Quarterly
5SC, 39SC, 40SC, 41SC, 42SC, 43SC, 44SC, 45SC, 54SC, 56SC, 57SC, and 58SC	Field pH, field Conductivity, field Temperature, Total Dissolved Solids, and Chloride	Quarterly
5SC, 39SC, 40SC, 41SC, 42SC, 43SC, 44SC, 45SC, 54SC, 56SC, 57SC, and 58SC	Cadmium, Chromium, Lead, Nickel, Selenium, Uranium and Total Radium.	Twice a Year (in the winter and summer to coincide with the quarterly sampling)

The area around this injection shall be monitored until the following target restoration values are met in all monitored wells:

PARAMETER MEASURED	ANALYTICAL METHOD	TARGET RESTORATION VALUE *
Total Dissolved Solids	EPA Method 160.1	3,100
Chloride	EPA Method 325.2	450
Cadmium	EPA Method 213.2	.050
Chromium	EPA Method 218.1	.050
Lead	EPA Method 239.2	.11
Nickel	EPA Method 249.1	.44
Selenium	EPA Method 270.2	.047
Uranium	EPA Method 908.1	.32
Total Radium	EPA Method 903.1	32 pCi/l

At such time as Petrotomics has shown any of these parameters to be non-detectable, or present at levels of less than the above Target Restoration Value (TRV) for four consecutive quarters, the Water Quality Division may elect to drop the requirements for monitoring such parameters.

At such time as Petrotomics has determined that this system has accomplished all that can be done by fresh water injection, then Petrotomics shall submit two analyses for all of the wells required to be monitored by this permit. This analyses shall coincide with any two consecutive quarterly sampling events and shall include all parameters for which a standard has been established for class III groundwater of the state under Chapter VIII, Water Quality Rules and Regulations.

G. Requirements for Monitoring the Discharge

Discharge (injection) volume and/or pressure shall be controlled and monitored to prevent fracturing of confining strata.

The quantity of water pumped through this system shall be metered through a standard turbine style water meter, and the amount recharged recorded for each day of operation of the system. A continuous recording device is not required, the records can be kept by hand.

Petrotomics shall sample and report the following parameters in the injected water twice a year in winter and summer to coincide with quarterly groundwater monitoring:

MONITOR WELLS TO BE TESTED	PARAMETERS TO BE TESTED*	SCHEDULE
Old Mill Well (UW 2205)	Field pH, field Conductivity, field Temperature, Total Dissolved Solids, Chloride, Cadmium, Chromium, Lead, Nickel, Selenium, Uranium and Total Radium.	Twice a Year (in the winter and summer to coincide with the quarterly groundwater sampling)

* All chemical concentrations in this permit are expressed in mg/l except Total Radium, which is expressed in pCi/l; pH, which is always expressed in standard units; and conductivity, which is expressed in mmhos/meter or umhos/cm.

H. Test Procedures

Test procedures for the determination of water quality parameters and constituents shall be in accord with provisions of Water Quality Rules and Regulations Chapter VIII, Section 7.

I. Records and Reports

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.
2. The permittee shall give notice to the administrator as soon as possible of any planned physical alterations or additions to the permitted facility.
3. The permittee shall give advance notice to the administrator of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
4. Monitoring results shall be reported at intervals specified in section C and/or Section G of this permit.
5. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
6. The permittee shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time the permittee becomes aware of the circumstances. the report should include:
 - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.
 - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.

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

7. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted; such reports shall contain the information listed in 6. above.
8. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the administrator, it shall promptly submit such facts or information.

9. The permittee shall retain all records concerning the nature and composition of injected fluids until 5 years after completion of any specified plugging and abandoned procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.
10. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, a groundwater pollution control permit has been issued by the department for the proposed operation, and:
 - a. Well construction is complete and the permittee has submitted notice of completion of construction to the administrator,
 - b. The administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the administrator of intent to inspect or otherwise review the facility within 13 days of the notice of a. above, in which case prior inspection or review is waived, and
 - c. Well mechanical integrity testing has been proven or demonstrated to the satisfaction of the administrator.
11. Petrotomics shall file a quarterly report of operations on this facility. Quarterly reports are due within 30 days of the end of each calendar quarter. The quarterly report shall include:
 - a. A tabulation of all analytical work done for the quarter and a tabulation of all static water levels levels collected during the quarter.
 - b. The total water pumped into the injection wells for each month of the year, a total for the quarter, and a total from the beginning of injection.
12. Petrotomics shall file an annual report in lieu of each quarterly report which would otherwise be due on July 30 of each calendar year. The annual report shall include everything which would be included in the quarterly report and the following additional information:
 - a. Graphs showing static water levels with time for each well measured. At a minimum, these graphs shall show how these parameters have varied from the start of injection through the current date.
 - b. Contour maps showing the groundwater elevations for the winter and summer sampling events for the year reported. The dates selected for these contour map should match the date when sampling was conducted in the spring and fall.
 - c. Contour maps for the summer and winter sampling events for the year being reported for TDS, Uranium, Total Radium, Chromium and Selenium.
 - d. Graphs showing the quality of the groundwater for the monitored wells. These graphs shall show the quality of this water for the following indicator parameters: TDS, Uranium, Total Radium, Chromium and Selenium. These graphs shall include all data available from the start of injection through the current date.
13. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the administrator within 30 days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

J. Permit Actions

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

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

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

A permit may be modified at any time as may be required, including for conformity which changes in regulations or standards which occur after the permit is issued.

A permit may be modified in whole or part in order to apply more, or less, stringent standards; or prohibitions for a toxic or other substance present in the permittee's discharge, as may be ordered by the council.

This operation (permit) can be terminated by authority of the administrator for one or more permit violations.

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

K. Mechanical Integrity

Mechanical Integrity as a concept is not applicable to this permit. There are no requirements under this section.

L. Abandonment

The permittee shall notify the administrator at least 180 days before well abandonment. Immediately following the permanent cessation of subsurface discharge or related activity, or where a well has not been completed, the applicant/permittee shall notify the director and follow the procedures prescribed by the director for plugging and abandonment or the discontinuance of related activities:

The drainfields or injection wells shall be filled in and the surface regraded at the conclusion of this work. After regrading, the area of these facilities shall be planted with the same reclamation seed mixture to be used on the tailings cell. Wells shall be filled with Wyoming Bentonite and the tops cut off a minimum of 3 feet below grade. For drainfields, the piping leading to the drainfield shall be removed and the pipe sealed where it enters the drainfield at least 3 feet below grade.

M. Duties of the Permittee

It is a duty of the permittee to:

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

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

N. Financial Responsibility

There are no financial responsibility requirements for this permit.

O. Special Measures the Director Finds Necessary

The permittee shall submit an "Operating and Maintenance Manual" (O&M Manual) to the Water Quality Division for approval within 90 days of installation of this system. After approval of this O&M Manual, the permittee shall abide by all requirements of that manual. Failure to provide proper maintenance of the system according to the approved O&M Manual is a violation of this permit.

The permittee shall control the groundwater gradient around the points of injection so that contamination does not migrate off site. It is a violation of this permit to cause contamination to migrate off site. If at any time the permittee becomes aware that gradients are not being controlled, this fact must be reported under section I-6 of this permit and must take such measures as are necessary to correct the situation, including the shut-down of the injection if necessary.

P. Special Permit Conditions

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

Mechanical integrity -- operations terminate immediately if mechanical integrity of well or system fails and/or a leak or unauthorized fluid movement occurs.

Q. Signatories Requirement

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

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

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

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

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

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

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

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

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

R. Noncompliance

Any permit noncompliance constitutes a violation of the permit.

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

S. Permit Transfer

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

T. Responsibilities

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.

U. Property Rights

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.

V. Severability

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

RL/bb/31715.LTR

PERMIT TO CONSTRUCT

New

Permit No. 93-095

Renewal

Modified

Palisades Heights Townhouses Wastewater
(Name of Facility)

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

Ted and Fran Jorgensen

P.O. Box 847

Afton, WY 83110

to construct a leachfield and 3 septic tanks according to the procedures and conditions of the application No. 93-095. The facility is located in SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 29, T37N, R118W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

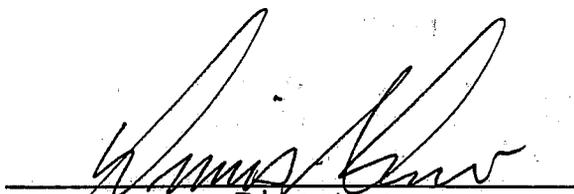
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5-3-93

Date of Issuance

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

RT/jyi

PERMIT TO CONSTRUCT

New

Permit No. 93-096

Renewal

Modified

PACIFICORP NAUGHTON POWER PLANT

(Name of Facility)

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

PACIFICORP

1407 WEST NORTH TEMPLE, SUITE 210

SALT LAKE CITY, UT 84116

to construct combustion waste (ash) disposal ponds according to the procedures and conditions of the application No. 93-096. The facility is located in Sections 28, 29, 32, and 33 of T21N, R116W and Sections 1 and 2 of T20N, R117W 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.

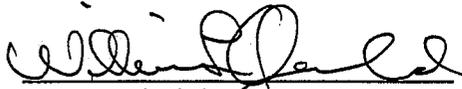
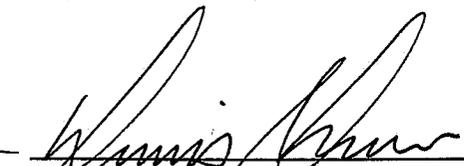
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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	Director
Water Quality Division	Dept. of Environmental Quality
<u>5-19-93</u>	
Date of Issuance	

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

dg

G:\93-096.PC

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 93-097

Bairoil CO, Cycling Plant
(Name of Facility)

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

AMOCO Production Company

P.O. Box 38

Bairoil, Wy 82322

to land apply cooling tower water according to the procedures and conditions of the application No. 93-097. The facility is located in NW NE, Section 18, T26N, R89W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of one (1) years from the date of issuance of this permit.

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

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

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

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

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

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

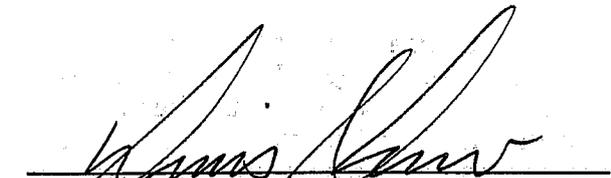
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

5-3-93

Date of Issuance

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

RT/jyi

LAND APPLICATION PERMIT

New

PERMIT NO. 93-098

Renewal

SEE SPECIAL CONDITIONS

Modified

BUFFALO ABANDONED LAGOON LAND APPLICATION

(Name of Facility)

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

City of Buffalo
46 North Main
Buffalo, WY 82834

to land apply domestic sludge according to the procedures and conditions of the application No. 93-098. The application site is located in parts of Sections 35 & 36 in T51N R82W, parts of Sections 1, 2, 11, & 12 in T50N R82W, parts of Sections 5, 6, 7 & 8 in T50N R81W, and parts of Section 31 in T51N R81W, in the County of Johnson in the State of Wyoming. This permit shall be effective until November 1, 1994.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum 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.

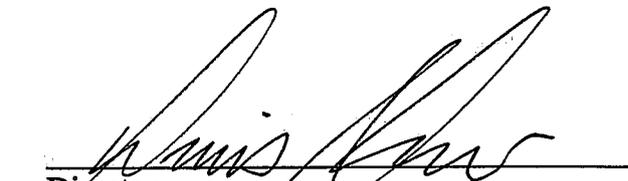
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Department of Environmental Quality

8-3-93

Date of Issuance

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

DRM/dm:07/30/93/nc 33598.LTR

LAND APPLICATION SPECIAL CONDITIONS

- 1 of 6. The domestic sludge shall be applied uniformly at the approved rate of 10 ton per acre on authorized areas only. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist. Domestic sludge shall not be applied during the period from November 1, 1993, to April 10, 1994.
- 2 of 6. The application site slope shall not exceed five percent (5%).
- 3 of 6. The domestic sludge 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. The domestic sludge application must be located a minimum distance of 1500 feet from residential developments.
- 5 of 6. The domestic sludge application must be located a minimum distance of 300 feet from nonresidential developments or public road ROW's.
- 6 of 6. The permittee will contact the Department of Environmental Quality, Water Quality Division, District Office, located at 2161 Coffeen Avenue, Annex, in Sheridan, Wyoming 82801, telephone number 307/672-6457, to arrange a field inspection prior to initiation of work. Advance notice of at least 48 hours will be provided to the District Office and include information of how much domestic sludge will be applied (number of truckloads), the specific site of application (nearest 1/4 section) and time of application.

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 93-099

Mateosky Park
(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 4 inch diameter ductile iron water main for irrigation and restrooms according to the procedures and conditions of the application No. 93-099. The facility is located in SE¼ NE¼ Section 33, 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.

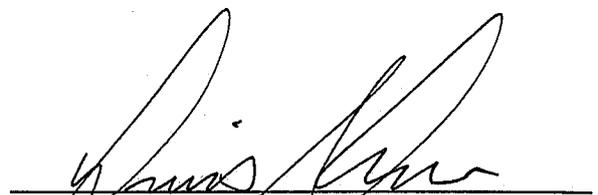
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

5-6-93

Date of Issuance

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

JH/jyi 32200



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 23, 1993

Gary Thompson
Superintendent of Public Works
City of Worland
P.O. Box 226
Worland, Wyoming 82401

RE: Worland City Drainage Wells
Permit UIC 85-222R & Draft Permit UIC 93-100
Washakie County, Wyoming

Dear Mr. Thompson:

In response to your letter of August 16, 1993 stating that the storm water drainage wells covered by permit 85-222R have been permanently abandoned, permit 85-222R is hereby cancelled. Draft permit 93-100 which was under consideration as a replacement permit for 85-222R is also withdrawn.

With the cancellation of 85-222R, the City of Worland is released from the obligation to monitor the "Outland" well near the point of injection. This does not affect the monitoring requirements imposed by any other permit which the City of Worland may presently have. In particular, the requirements for monitoring at the Worland Municipal Airport are not affected by this cancellation.

Sincerely,

William L. Garland
Administrator
Water Quality Division

WLG/RFL/jn

xc: Jeff Hermansky, Lander office

