



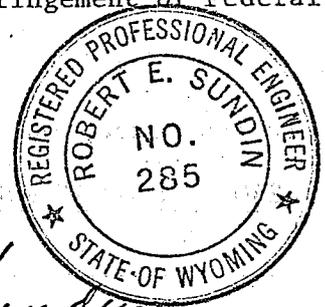
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 210 Lincoln, Lander, Wyoming 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:



*William L. Garland*  
Administrator  
Water Quality Division 1479  
October 22, 1984  
Date of Issuance

A circular seal for a Registered Professional Engineer in the State of Wyoming. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF WYOMING" at the bottom, separated by two stars. The inner circle contains the name "WILLIAM L. GARLAND".

*Robert E. Sundin*  
Director  
Dept. of Environmental Quality

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

JH:dcn

MEMORANDUM

TO: Plans #84-401  
FROM: Jeff Hermansky *JH*  
DATE: September 17, 1984  
SUBJECT: Phone Review

On September 17, 1984, I spoke with Roger Raeburn of Pacific Power & Light to review the Green River 12" water main on Uinta Dr. and Upland Way, Phase II. I made the following comments to Roger:

1. There must be an air release valve, blowoff, or fire hydrant somewhere on the high point between stations 38+00 and 39+00.
2. There is an inconsistency as to which detail is to be used at stations 38+96 and 30+70. Detail C and E are referenced, but there is no detail E on the plans.

JH:dcn

BC



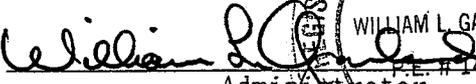
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 2161 Coffeen Avenue, Suite 301, 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:

  
\_\_\_\_\_  
WILLIAM L. GARLAND  
PE # 1779  
Administrator  
Water Quality Division  
STATE OF WYOMING  
September 6, 1984  
\_\_\_\_\_  
Date of Issuance

  
\_\_\_\_\_  
ROBERT E. SUNDIN  
NO. 285  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING  
Director  
Dept. of Environmental Quality

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

NORMA

returned to  
Sh  
8/20/84

REQUEST FOR GROUNDWATER SECTION  
PERMIT APPLICATION REVIEW

APPLICATION NUMBER 84-402 (Reference 80-229)

DATE SUBMITTED FOR REVIEW 8/16/84

NAME AND LOCATION OF FACILITY Rawhide Mine Red Fox Reservoir Modifications  
Section 3, T.51N., R.72W., Campbell County

COMMENTS rec'd in Cheyenne 8/17/84 re

No comment. AJM 8/17/84

Please return your comments to me by 8/27/84

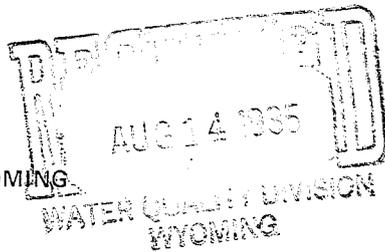
SIGNED Tom Mullin

DATE 8/16/84

THE STATE



OF WYOMING



ED HERSCHLER  
GOVERNOR

## Department of Environmental Quality

### Water Quality Division

2161 COFFEEN AVENUE,  
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

August 12, 1985

Mr. Ron Hepker  
Ron's Plumbing  
22 South Main Street  
Buffalo, Wyoming 82834

Dear Ron:

I have reviewed the application and construction plans for the wastewater disposal facility at Northern Seed Company in Buffalo, Wyoming (Permit to Construct No. 84-403R). I also visited with you on August 9, 1985, for the purpose of inspecting the installed system to insure compliance with our regulations. With the exception of the two items listed below, the system as installed meets Water Quality Division requirements and is hereby approved. Since the system has already been constructed, a Permit to Construct cannot be issued. However, this letter of approval serves essentially the same purpose. You should keep this letter for your records.

As we discussed, this approval is conditioned on two items:

1. The pump out pipe for the septic tank will be raised to near the ground surface in order to facilitate periodic removal of sludge from the tank. The owner should be made aware of the location of the pump out pipe.
2. If, and when, sewer service becomes available to Northern Seed Company, they will hook up to the central sewer system and abandon the septic system.

Thank you for your time and cooperation. Feel free to call me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Rich Ruyle".

Rich Ruyle  
District Supervisor

RR:ls

xc: Tom Fuller, P.O. Box 910, Buffalo  
Gary Peterson, Johnson County Sanitarian  
Larry Robinson, WQD, Cheyenne  
John Wesnitzer, 600 Sourdough, Buffalo





THE STATE OF WYOMING

*Norma*

ED HERSCHLER  
GOVERNOR

# Department of Environmental Quality

## Water Quality Division

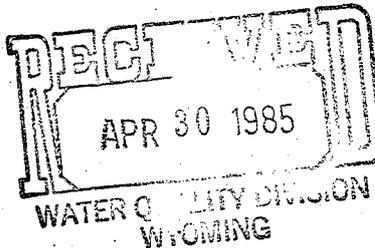
2161 COFFEEN AVENUE,  
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

April 29, 1985

Ron's Plumbing  
238 North Main  
Buffalo, Wyoming 82834



Dear Sirs:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name:	Northern Seed Company Store and Warehouse Septic System
DEQ/WQD Reference Number:	84-403
Engineering Consultant:	None
DEQ/WQD Review Engineer:	Tom Mueller
Date of DEQ/WQD Review:	September 10, 1984

Please indicate below the status of your application and return this form to our office:

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within 30 days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- Other:

Ron's Plumbing  
April 29, 1985  
Page Two

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division review engineer receives information concerning the status of this project within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,



Rich Ruyle  
District Supervisor

RR:ls

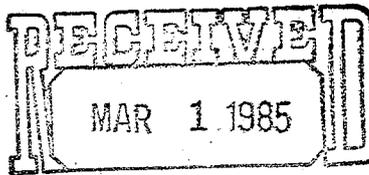
Attachments

cc: Norma Coulson

THE STATE

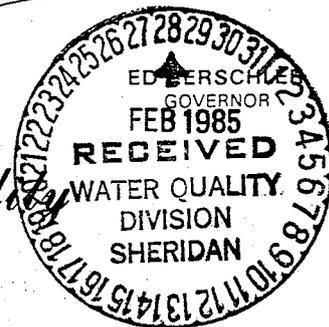


OF WYOMING



WATER QUALITY DIVISION  
WYOMING

*Norma*



# Department of Environmental Quality

## Water Quality Division

2161 COFFEEN AVENUE,  
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

February 13, 1985

Ron's Plumbing  
238 North Main  
Buffalo, Wyoming 82834

Dear Sirs:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name: Northern Seed Company Store and Warehouse Septic System

DEQ/WQD Reference Number: 84-403

Engineering Consultant: None

DEQ/WQD Review Engineer: Tom Mueller

Date of DEQ/WQD Review: September 10, 1984

Please indicate below the status of your application and return this form to our office:

The application will not be resubmitted as the proposed project has been cancelled.

The application will be resubmitted within 30 days.

The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.

Other:

*We will send 3 copies within 30 days.*

*Norma*

THE STATE OF WYOMING



ED HERSCHLER  
GOVERNOR

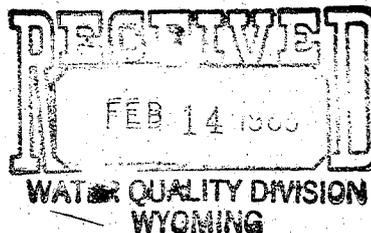
*Department of Environmental Quality  
Water Quality Division*

2161 COFFEEN AVENUE,  
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

February 13, 1985



Ron's Plumbing  
238 North Main  
Buffalo, Wyoming 82834

Dear Sirs:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name:	Northern Seed Company Store and Warehouse Septic System
DEQ/WQD Reference Number:	84-403
Engineering Consultant:	None
DEQ/WQD Review Engineer:	Tom Mueller
Date of DEQ/WQD Review:	September 10, 1984

Please indicate below the status of your application and return this form to our office:

The application will not be resubmitted as the proposed project has been cancelled.

The application will be resubmitted within 30 days.

The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.

Other:

Ron's Plumbing  
February 13, 1985  
Page Two

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division receives information concerning the status of this project within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,



Rich Ruyle  
District Supervisor

RR:ls

Enclosure: Review of 9/10/84

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
2161 COFFEEN AVE., SUITE 301  
SHERIDAN, WYOMING 82801

PROJECT: Northern Seed Company Store and  
Warehouse Septic System

ARCHITECT OR ENGINEER: None.

APPLICANT: Ron's Plumbing  
238 North Main  
Buffalo, Wyoming 82834

WATER QUALITY DIVISION  
REFERENCE NUMBER: 84-403

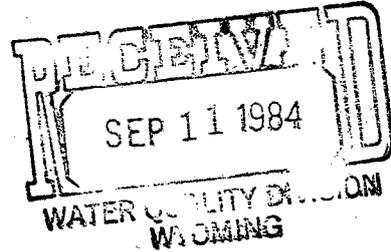
REVIEWING ENGINEER: Tom Mueller *TMM*

DATE OF REVIEW: September 10, 1984

ACTION: Not Authorized for Construction

COMMENTS:

1. This facility is not for a single family residence and, therefore, must be submitted with the signature of a registered Professional Engineer on the drawings.
2. The Town of Buffalo has adopted a Wastewater Management Facility Plan and constructed a regional wastewater treatment facility. The Plan requires that new wastewater sources within a specified area must be connected to the regional facility, and it appears that this building may lie within that area. If such is the case, construction of new on-site facilities would not be allowed unless it were shown to be completely unreasonable to do so, and even then such a connection would have to be made as soon as possible. Please indicate on a map the exact location of this proposed building, along with the nearest sewer which could connect the building to the regional facility.
3. In the future, please submit three copies of all plans and specifications.





*Norma*

*Department of Environmental Quality  
Water Quality Division*

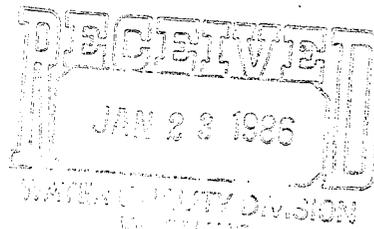
210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 15, 1986

Robert Mangus  
251 Montana  
Lovell, WY 82431



RE: Mangus Residence Septic System, Big Horn Co., Permit No. 84-404

Dear Mr. Mangus:

Thank you for your prompt response to our notice. I have reviewed the information included in the new submittal. It appears site conditions are substantially different from that of your initial submittal. To verify these conditions a site visit will be required.

Residential sewage systems are being permitted by Big Horn County. Because this facility falls within the limits of Big Horn County's jurisdiction I am returning your application so you can resubmit this information to Big Horn County. This information should be submitted to: Herb Jennerich, Big Horn County Engineer, P.O. Box 31, County Courthouse, Basin, WY, 82410, 568-2358.

The initial submittal is being forwarded to Herb for his reference. By copy of this letter I am requesting that Herb notify me when you have submitted the application to his office. I am also requesting that Herb make a site visit and witness a percolation test to verify the new site conditions.

I would like to remind you that to construct this facility without a permit is in violation of the Wyoming Environmental Quality Act and is punishable by a fine.

Should you have any questions, do not hesitate to contact either Herb or me.

Sincerely,

Steven P. Gerber, P.E.  
Northwest District Supervisor

SPG/jw

copy: Herb Jennerich

*Norma*

THE STATE OF WYOMING



ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 6, 1985

CERTIFIED P 399 271 394

Robert L. & Keela M. Mangus  
113 East 3rd  
Lovell, WY 82431

Dear Mr. and Mrs. Mangus:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility Name:	<u>Robert L. Mangus Wastewater Facility</u>
DEQ/WQD Reference Number:	<u>84-404</u>
Engineering Consultant:	<u>None</u>
DEQ/WQD Review Engineer:	<u>Steve Gerber</u>
Date of DEQ/WQD Review:	<u>August 16, 1984</u>

Please indicate below the status of your application and return this form to our office.

The application will not be resubmitted as the proposed project has been cancelled.

The application will be resubmitted within thirty (30) days.

The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within thirty (30) days.

Other Remarks: \_\_\_\_\_

\_\_\_\_\_

You are reminded that the construction, installation, or modification of any sewage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes, and is punishable with a fine not to exceed \$10,000 for each day of violation. Unless the Water Quality Division review engineer receives information concerning the status of this project within fifteen (15) days of the receipt of this letter, follow-up action will be taken.

Sincerely,



Steven P. Gerber, P.E.  
Water Quality Engineer

SG/jw

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Mangus Wastewater Facility

ENGINEER: None

OWNER: Robert L. Mangus  
113 East 3rd  
Lovell, WY 82431

WATER QUALITY DIVISION REFERENCE NUMBER: #84-404

REVIEWING ENGINEER: Ed Baruth, P.E. *EB*

DATE OF REVIEW: August 16, 1984

ACTION: Not authorized.

COMMENTS: Thank you for your recent application for a permit to construct a septic tank leach facility for your residence. This department has been given authority to permit nearly all waste disposal facilities in Wyoming. Your system comes under our jurisdiction.

Our policies and regulations allow most homeowners the chance to design and/or install their own septic systems. Limits on which types of septic system have been developed so as not to create future problems. Your reported percolation rate of 1" per 120 minutes causes your application to be considered a rather complex waste treatment problem. On all individual home septic system installations with percolation rates exceeding 60 min/inch, the state requires that a licensed Wyoming Professional Engineer actually do the design work. Granted, this is an additional expense for you. The problems involved with waste disposal are many and if you were forced to replace a failed system in a year or two, the real expense would be evident. Right now, numerous individuals in Wyoming are not only replacing septic systems, but also the drinking water wells serving their homes. Proper attention to details up front can alleviate this possibility.

I will work with you and your chosen engineer on possible alternatives

*ABC*

Review of Plans and Specifications  
Mangus Wastewater Facility  
August 16, 1984  
Page Two

to your problem and will do everything possible to make this permit authorization smooth and as inexpensive to you as possible. My phone number is 332-3144.

EB:dcn

cc: Herb Jennerich, Big Horn County Engineer



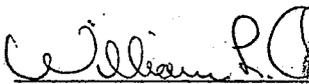
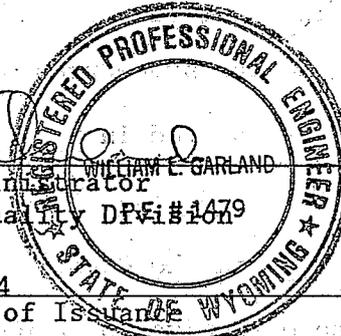
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

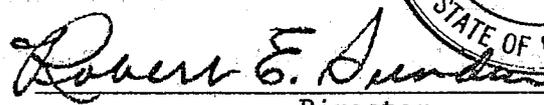
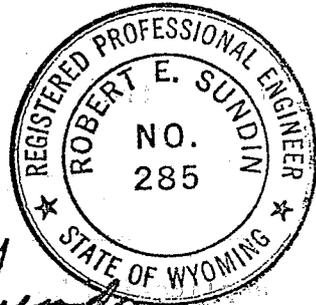
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

  
\_\_\_\_\_  
WILLIAM E. GARLAND  
Administrator  
Water Quality Division #1479  


  
\_\_\_\_\_  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality  


August 16, 1984  
Date of Issuance

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

EB:dcn

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 84-406

GREYBULL WATER DISTRIBUTION SYSTEM IMPROVEMENTS  
 (Name of Facility)

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

Town of Greybull  
Box 271  
Greybull, WY 82426

to construct, install, or modify a water distribution piping

\_\_\_\_\_ facility according to the procedures and conditions of the  
 application No. 84-406. The facility is located in \_\_\_\_\_

Section 17, T52N, R93@

\_\_\_\_\_ in the County of Big Horn,

in the State of Wyoming. This permit shall be effective for a period of two (2)  
 years (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 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 dur-

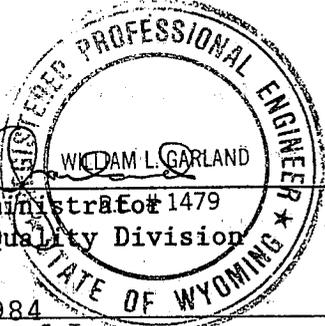
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

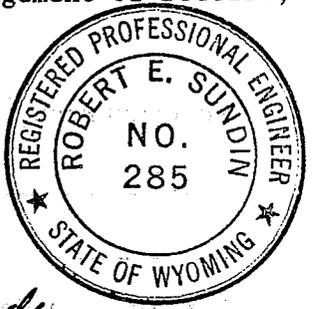
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

  
*William L. Garland*  
WILLIAM L. GARLAND  
Administrative # 1479  
Water Quality Division  
STATE OF WYOMING  
August 27, 1984  
Date of Issuance

  
*Robert E. Sundin*  
Director  
Dept. of Environmental Quality

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

JH:dcn

9-24-89

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 84-407RR

GREGORY LANE UTILITY IMPROVEMENTS  
(Name of Facility)

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

Teton County  
P. O. Box 1727  
Jackson, WY 83001

to construct, install, or modify a water distribution and sewage collection lines

\_\_\_\_\_ facility according to the procedures and conditions of the application No. 84-407RR. The facility is located in \_\_\_\_\_

Section 6, T40N, R116W

\_\_\_\_\_ in the County of Teton,

in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 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 dur-

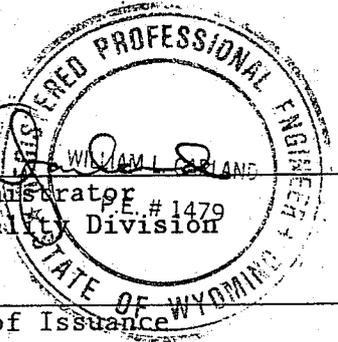
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

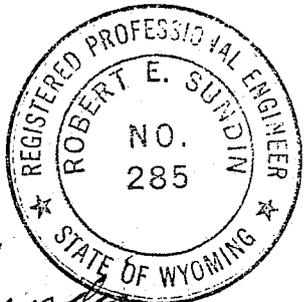
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

  
*William J. Garland*  
Administrator  
Water Quality Division  
P.E. # 1479  
STATE OF WYOMING

  
*Robert E. Sundin*  
Director  
Dept. of Environmental Quality  
STATE OF WYOMING

September 18, 1984  
Date of Issuance

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

JH:dcn

*Department of Environmental Quality**Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

September 17, 1984

Jorgensen Engineering  
P. O. Box 1142  
Jackson, WY 83001

Attention: Robert T. Ablondi

RE: Gregory Lane Project  
No. 84-407RR

Dear Bob:

As per your request, I am sending this letter to clarify what conditions must be met before the existing well serving the high school can be connected to the proposed water line that will provide City of Jackson water to the school.

Prior to connecting the existing well to the City water system, the following items will need to be addressed:

1. You must secure a Permit to Construct from this office.
2. Information regarding the well casing, screening, grouting, pumps, etc. will need to be submitted.
3. A check valve between the water line and the well will be required.
4. The well will need to be disinfected.
5. A program for bacteriological testing must be followed in accordance with the EPA's requirements for a public water supply well.

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

Respectfully,

A handwritten signature in cursive script, appearing to read "Jeff Hermansky".

Jeff Hermansky  
Water Quality Evaluator

JH:dcn

xc: Plans #84-407RR

MEMORANDUM

TO: Plans, #84-407R  
FROM: Jeff Hermansky *JH Hermansky*  
DATE: September 5, 1984  
SUBJECT: Phone Review of Gregory Lane Improvements

On September 5, 1984, I conducted a phone review of the Gregory Lane improvements with Robert Ablondi.

Robert and I discussed the requirements if the well that currently serves the high school is to be connected to the proposed water line. I said the following items would have to be met before connection would be authorized:

1. Information would have to be submitted regarding the well casing, grouting, pumps, etc.
2. A check valve between the new line and the well is required.
3. The well will need to be disinfected.
4. The well must be tested in accordance with the EPA's requirements for a public water supply well.

If Bob didn't want to conform to the above requirements, the water line could be connected to the school and the well disconnected. Of course, the well could be retained for irrigation purposes.

Bob said he would disconnect the well. A letter is to be sent.

JH:dcn

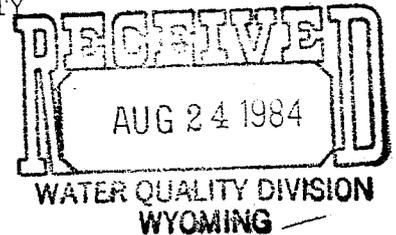
REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144



PROJECT: Gregory Lane Utility Improvements

ENGINEER: Jorgensen Engineering  
P. O. Box 1142  
Jackson, WY 83001

OWNER: Teton County  
P. O. Box 1727  
Jackson, WY 83001

WATER QUALITY DIVISION REFERENCE NUMBER: #84-407

REVIEWING EVALUATOR: Jeff Hermansky

A handwritten signature in cursive script that reads "Jeff Hermansky".

DATE OF REVIEW: August 22, 1984

ACTION: Not authorized.

COMMENTS: The following questions and comments need to be addressed before a Permit to Construct can be issued:

1. The application form needs to be signed by an authorized representative of Teton County. Enclosed for your use are a few copies of the application form.
2. The plans and specifications need to be signed by an engineer licensed in Wyoming.
3. If there is room, the proposed water line on Gregory Lane between about station 21+00 to 23+50 should be moved west of the gas line. This will allow for the 10 foot minimum separation between the water and sewer lines.
4. Why can't the proposed sewer line "G" be moved closer to Highway 26, 89,189 (sheet 6 of 18) to allow for the minimum separation of 10 feet between the proposed and existing water line?

If the line can't be moved, the sewer will need to be constructed of water line quality pipe and be pressure tested.

Handwritten initials "ABC" in the bottom right corner of the page.

—view of Plans and Specifications  
Gregory Lane Utility Improvements #84-407  
August 22, 1984  
Page Two

5. The water line at about station 12+60 (page 7 of 18) appears to be too close to the surface. It may need to be protected with insulation to prevent freezing.

6. I believe that 2 inch blowoffs are too small to allow for 2.5 fps flushing velocity in the 12" water line shown on sheet 8 of 18.

Assuming 40 psi residual pressure, 3 inch blowoffs would be necessary to achieve at least 2.5 fps velocity.

7. The well that currently serves the high school can't be connected to the proposed water lines unless it's construction meets the minimum standards. Therefore, please submit the construction details of the well, piping, pump and the adjacent concrete vault.

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

JH:dcn

Enclosure

8-22-84

PERMIT TO CONSTRUCT

Permit No. 84-408

SEE CONDITIONS ATTACHED TO THIS PERMIT

- New  
 Renewal  
 Modified

Disposal Pit #1  
(Name of Facility)

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

B & B Gravel

P.O. Box 105

Etna, WY 83118

to construct, install, or modify a drilling fluid disposal pit facility according to the procedures and conditions of the application No. 84-408. The facility is located in Section 35, T36N, R119W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of one 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 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.

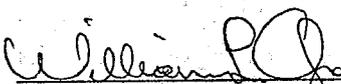
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

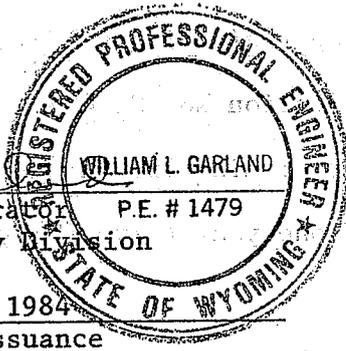
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

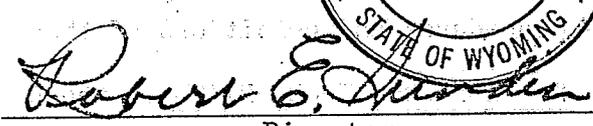
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

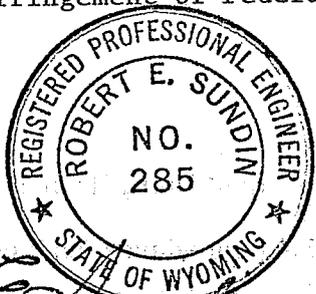
AUTHORIZED BY:

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



August 17, 1984  
Date of Issuance

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



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

cc: Russell Thornack, Lincoln Co. Courthouse, Kemmerer, WY 83101

Jack Bedessem, DEQ/WQD, Lander

This permit authorizes you to dispose of 1,470,000 gallons of drilling fluid wastewater on the surrounding adjoining 15 miles of road, a total liquid application of 1.5 inches.

CONDITIONS TO PERMIT TO CONSTRUCT #84-408

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8% for vehicular application or 15% for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
3. Wastewater application shall be terminated within 300 feet of the defineable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. Wastewater application will be confined to adjoining private and county roads; application to the private 40 acre tract is not permitted due to the quality of the water.



ing 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.

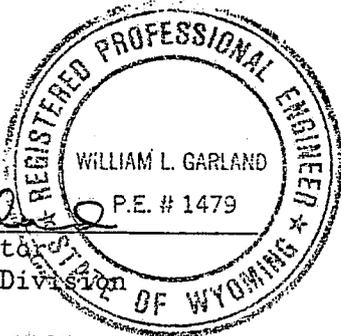
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

*William L. Garland*  
\_\_\_\_\_  
Administrator  
Water Quality Division



*Robert Wood*  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

December 6, 1985  
Date of Issuance

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

\* CONDITIONS ON PERMIT \*

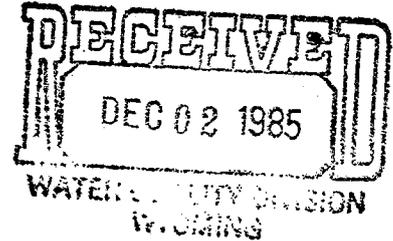
1. Septic tank and drainfield shall be installed and in operation by August 1, 1986.
2. All piping must be inspected by a representative of DEQ prior to backfilling. After bedding and pipe has been installed contact Steve Gerber or Jeff Hermansky at 332-3144. Allow seven days advanced notice for DEQ to inspect the facility

copy: Weldon Caldbeck, AG's Office

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN  
LANDER, WYOMING 82520  
PHONE: (307) 332-3144



PROJECT: Painter Estates Fifteen

ENGINEER: Holm, Blough and Company  
P.O. Box 1748  
Cody, WY 82414

OWNER: Painter Estates  
P.O. Box 1931  
Cody, WY 82414

WATER QUALITY DIVISION REFERENCE NUMBER: 84-409RR

REVIEWING ENGINEER: Steven P. Gerber, P.E.

DATE OF REVIEW: November 25, 1985

ACTION: Not authorized.

COMMENTS:

A review of the above referenced project has been completed. One last item must be resolved before a permit can be issued. A distribution box is being utilized to divide the wastewater flow to the two leach fields. In order to insure proper operation, the flow must be evenly divided. Submit details of the distribution box to demonstrate how the flow will be split.

Please resubmit the required information to this office in triplicate. Be sure to include the Water Quality Reference Number that appears on this review sheet in a cover letter or transmittal sheet. Should you have any questions or comments, please contact this office.

SG/jw

copy: Weldon Caldbeck, AG's Office  
Plans (3)  
File (2)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN  
LANDER, WYOMING 82520  
PHONE: (307) 332-3144

PROJECT: Painter Estates Fifteen

ENGINEER: Holm, Blough and Company  
ATTN: Roy Holm  
P.O. Box 1748  
Cody, WY 82414

OWNER: Garnet Cary  
P.O. Box 1931  
Cody, WY 82414

WATER QUALITY DIVISION REFERENCE NUMBER: 84-409R

REVIEWING ENGINEER: Steven P. Gerber, P.E. *SPG*

DATE OF REVIEW: September 17, 1985

ACTION: Not authorized.

COMMENTS:

A review of the above referenced project has been completed. The following items must be addressed and/or resolved before a permit can be issued:

1. A flow rate of 125 gpd per trailer is an under estimation of the sewage flow. Although the trailers have not all been occupied at the same time so far the potential does exist and the system must be designed for it. Chapter XI requires a design flow rate of 350 gpd per trailer for mobile home parks. This mobile home park would be like any other if it became totally occupied during the summer months. Therefore, use the design flow rate of 350 gpd per trailer.

2. The separation distance between the nearest well and the drainfield must be 200 feet. I have scaled the distance to be about 150 feet.

3. Identify the location of the percolation test holes and the percolation rate for each hole on the site plan.

4. A test hole must be dug to determine the ground water elevation at the drainfield site. A minimum of three feet of unsaturated soil must be maintained between the bottom of the absorption system stone and the estimated groundwater mound imposed on the seasonally high groundwater table. The maximum height of the groundwater mound shall be estimated by the design engineer.

5. Inflow into the septic tank should be through a single pipe. Locate a manhole prior to the septic tank so the flows can be combined prior to entering the septic tank.

6. Provide trenching detail and specifications for pipe from the septic tank to the drainfield.

C

7. Drainfield must be resized using the new flow rates. Sizing must be done in accordance with Chapter XI guidelines. Identify clearly on detail where solid PVC is used and where perforated PVC is used.

8. Septic tank must be resized using new flow rates in accordance with Chapter XI guidelines.

9. A cleanout having a minimum diameter of six inches shall be provided in each tank compartment and shall extend to the ground surface and be capped.

10. The name and seal or signature of the engineer must be located on the plan sheet.

Since this violation is currently in litigation a copy of this review is being sent to the Attorney General's office. Submit the requested information and revised drawing in triplicate. If you have any questions do not hesitate to contact me.

SG/jw

copy: John Erdman, Attorney General's Office  
Plans (3)  
File (2)



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

September 5, 1984

CERTIFIED #P 399 969 638

Mrs. Garnet Cary  
Box 1931  
Cody, WY 82414

RE: Painter Estates  
Sewage System Rehab.

Dear Mrs. Cary:

I was pleased to see your recent application to rehabilitate the existing sewage treatment system at Painter Estates. This department will make every effort to help you in your project. However, because your present system is in violation of the Environmental Quality Act, you must either proceed in a timely fashion with your rehabilitation plans or this Department will be forced to complete the enforcement action, through the Attorney General's office, now partially processed.

Further, I feel I should remind you that construction of wastewater treatment facilities, without first obtaining a permit to construct, is also a violation of the Environmental Quality Act and can result in enforcement action and fines.

Please respond to this letter within twenty (20) days following receipt or this department will then proceed with the enforcement action.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ed".

Ed Baruth, P.E.  
Northwest District Supervisor

EB:dcn

cc: Jake Strohman, DEQ/WQD  
File #84-409

bcc: Dick Nelson, First National Bank, Powell  
Tom Jones, Jones & Jones, Powell  
Darvin Dietz, Grahm, Dietz & Assoc., Cody

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Painter Estates

ENGINEER: None

OWNER: Mrs. Garnet Cary  
Box 1931  
Cody, WY 82414

WATER QUALITY DIVISION REFERENCE NUMBER: #84-409

REVIEWING ENGINEER: Ed Baruth, P.E. *Ed*

DATE OF REVIEW: August 16, 1984

ACTION: Not authorized.

COMMENTS: Thank you for your recent application for a permit to construct a septic tank/leach field system to replace the failing lagoon system now in place. You will need to utilize the services of a Wyoming Professional Engineer for your design. I will work with your designated engineer and you to make this permit authorization as efficient as possible.

Find attached Part D of our Chapter XI Rules and Regulations which covers such installations.

EB:dcn

bcc: Dick Nelson, First National Bank, Powell  
Tom Jones, Jones & Jones, Powell  
Darvin Dietz, Graham Dietz & Assoc., Cody

*ABC*



ing 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.

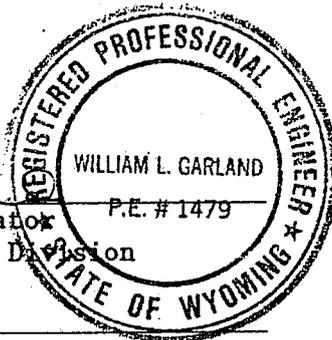
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone, 332-3144.

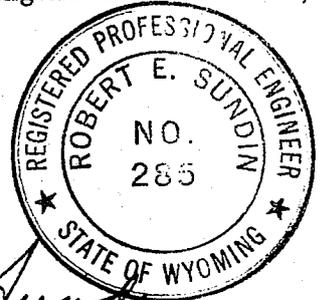
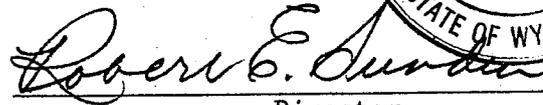
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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:

  
Administrato\*  
Water Quality Division



  
  
Director  
Dept. of Environmental Quality

October 2, 1984  
Date of Issuance

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

\* CONDITION ON PERMIT \*

This permit is issued with the requirement that the permittee shall notify the Uinta County Sanitarian of the day construction is scheduled to commence and the estimated completion date of this project. Final inspection of the installed system is required before backfilling.

The Uinta County Sanitarian can be contacted at the following address:

William Gates  
P. O. Box 895  
Evanston, Wyoming 82930

or Phone 789-9387.

JH:den

MEMORANDUM

TO: Plans #84-410

FROM: Jeff Hermansky 

DATE: September 17, 1984

SUBJECT: Phone Review

On September 17, 1984, I spoke with Lynn Schrauth of Uinta Engineering & Surveying. We discussed the following items that pertain to the Evanston Municipal Airport on-site sewage system:

1. Where is the replacement area for the leach field?
2. Specify the material to be used for the sewer mains.
3. Specify the pipe material to be used in, out and between the septic tanks.
4. The drop pipe detail should have the following note: The overflow pipe between serial trenches shall be set no higher than the midpoint of the upstream distribution pipe.

JH:dcn

e



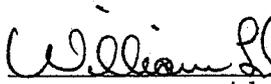
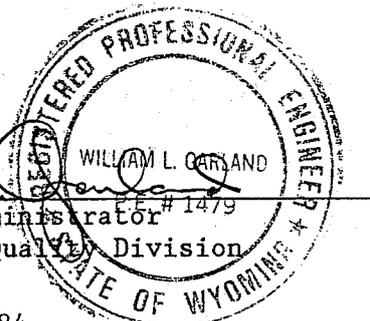
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

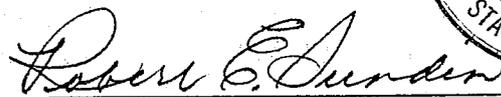
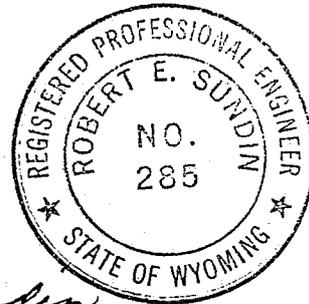
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

  
WILLIAM L. GARLAND  
PE # 1479  
Administrator  
Water Quality Division  


  
Director  
Dept. of Environmental Quality  


September 17, 1984  
Date of Issuance

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

\* CONDITION ON PERMIT \*

Before backfilling around the authorized septic disposal system, the applicant is hereby required to contact the Fremont County Planning Office and arrange for the needed inspection. Please allow Mr. Ray Price at 332-5371 72 hours prior notification before your desired inspection.

EB:dcn

TELEPHONE REVIEW

TO: File #84-411R

FROM: Ed Baruth

*Jeff Hermansky for Ed*

DATE: September 10, 1984

SUBJECT: Review

I talked with Keith McNinch of Surveyor Scherbel Ltd. and owner, George Smith (Smitty), of Bel North on the referenced application. I repeated that the permit to construct would not be authorized until the engineer signed off on the percolation rate. The use of very conservative estimates (60 min/inch sizing for approximately 20 min/inch soil) of soil type is being used as done in Natrona, Washakie, etc. counties.

EB:dcn

*ABC*

MEMORANDUM

TO: Plans #84-411  
FROM: Jeff Hermansky *JH*  
DATE: August 23, 1984  
SUBJECT: Phone Review

On August 23, 1984, I conducted a phone review of the Bel North field office on site disposal facility application. I spoke with the engineer, Keith McNinch.

Keith and I discussed the following:

1. He needs to redesign the proposed disposal field in accordance with Chapter XI.
2. The site plan does not show the actual location that the system is to be located. The site plan must be revised.
3. The percolation rate must be determined by actual on-site testing. The estimate of 20 minutes per inch is not acceptable since there was no basis from on-site investigation.

Keith said he would address my concerns and resubmit the application.

JH:dcn

RBC

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 84-412

Cheyenne Refuse Transfer Station  
(Name of Facility)

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

Cheyenne Board of Public Utilities

2100 Pioneer Ave.

Cheyenne, WY 82003

to construct, install, or modify a municipal water distribution facility according to the procedures and conditions of the application No. 84-412. The facility is located in Section 3, T13N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 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.

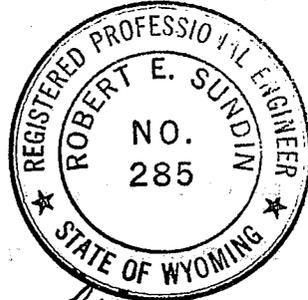
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

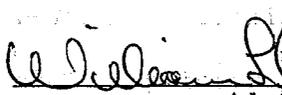
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

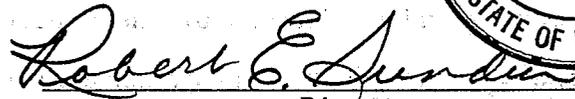
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

The issuance of this permit does not convey any property rights in either real or personal property, or any 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:



  
WILLIAM J. GARLAND  
Administrator # 1479  
Water Quality Division  
August 23, 1984  
Date of Issuance

  
Director  
Dept. of Environmental Quality

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

cc: Rick Johnston  
Gust & Johnston  
2232 Del Range, Suite 203  
Cheyenne, WY 82009

PERMIT TO CONSTRUCT

Permit No. 84-413

SEE CONDITIONS ATTACHED TO THIS PERMIT

- New  
 Renewal  
 Modified

Pittsburgh & Midway Mining Co.  
(Name of Facility)

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

IRECO Inc.

Box 947

Kemmerer, WY 83101

to construct, install, or modify a land application facility according to the procedures and conditions of the application No. 84-413. The facility is located in Section 14, T20N, R117W, Section 30, T20N, R116W and Section 2, T19N, R117W in the County of Lincoln, 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 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.

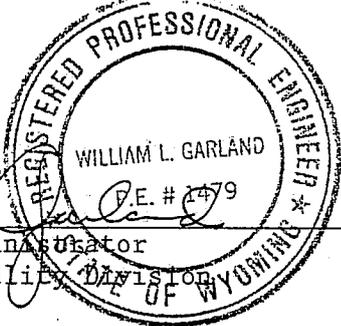
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

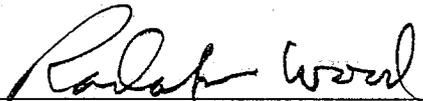
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

The issuance of this permit does not convey any property rights in either real or personal property, or any 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  
STATE OF WYOMING



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

08-13-86

Date of Issuance

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

This permit authorizes you to dispose of 10,000-12,000 gallons of garage sump (blasting ingredient wastewater) wastewater on the surrounding roads, comprising 14.5 acres, a total liquid application of 0.03 inches.

CONDITIONS TO PERMIT TO CONSTRUCT NO. 84-413

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8% for vehicular application or 15% for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
3. Wastewater application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. The final volume of wastewater is dependent on the dilution of the original wastewater volume necessary to achieve a concentration of hexavalent ( $6^+$ ) chromium (as  $CrO_4^{-2}$ ) of 5 ppm or less.
5. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, 210 Lincoln Street, Lander, Wyoming 82520, phone number 332-3144, to arrange a field inspection prior to initiation of work. The District engineer should be notified at least 48 hours in advance of discharges and must be informed how much wastewater will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 84-413  
SEE CONDITIONS ATTACHED TO THIS PERMIT

Pittsburgh & Midway Mining Co.  
(Name of Facility)

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

IRECO Inc.

Box 947

Kemmerer, WY 83101

to construct, install, or modify a land application facility according to the procedures and conditions of the application No. 84-413. The facility is located in Section 14, T20N, R117W, Section 30, T20N, R116W and Section 2, T19N, R117W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of one 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 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.

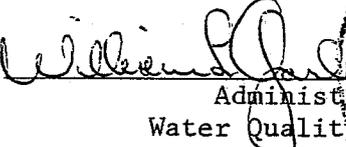
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

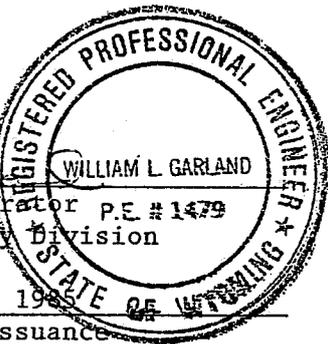
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

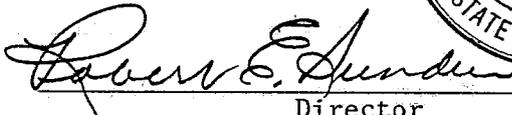
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

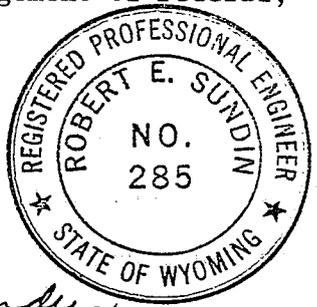
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
June 6, 1988  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

This permit authorizes you to dispose of 10,000-12,000 gallons of garage sump (blasting ingredient wastewater) wastewater on the surrounding roads, comprising 14.5 acres, a total liquid application of 0.03 inches.

CONDITIONS TO PERMIT TO CONSTRUCT NO. 84-413

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8% for vehicular application or 15% for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
3. Wastewater application shall be terminated within 300 feet of the defineable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. The final volume of wastewater is dependent on the dilution of the original wastewater volume necessary to achieve a concentration of hexavalent ( $6^+$ ) chromium (as  $CrO_4^{-2}$ ) of 5 ppm or less.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 84-413  
SEE CONDITIONS ATTACHED TO THIS PERMIT

Pittsburgh & Midway Mining Co.  
(Name of Facility)

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

IRECO Inc.

Box 947

Kemmerer, WY 83101

to construct, install, or modify a land application facility according to the procedures and conditions of the application No. 84-413. The facility is located in Section 14, T20N, R117W, Section 30, T20N, R116W and Section 2, T19N, R117W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of one 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 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.

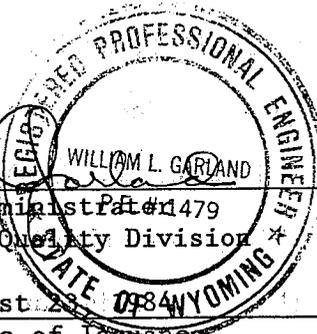
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

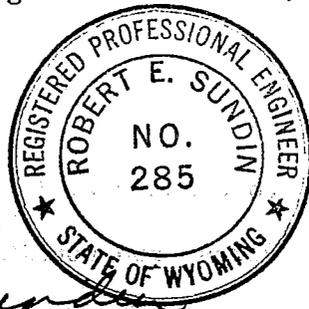
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

  
*William L. Garland*  
WILLIAM L. GARLAND  
Adminstrator #1479  
Water Quality Division  
STATE OF WYOMING  
August 2, 1984  
Date of Issuance

  
*Robert E. Sunden*  
Director  
Dept. of Environmental Quality

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

This permit authorizes you to dispose of 6,000 gallons of garage sump (blasting ingredient wastewater) wastewater on the surrounding roads, comprising 7.2 acres, a total liquid application of 0.03 inches.

CONDITIONS TO PERMIT TO CONSTRUCT #84-413

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8% for vehicular application or 15% for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
3. Wastewater application shall be terminated within 300 feet of the defineable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.



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.

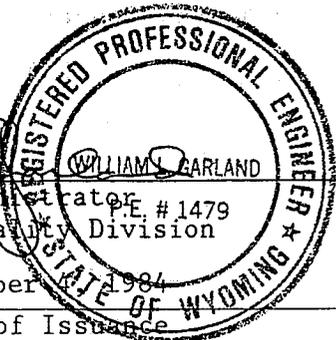
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

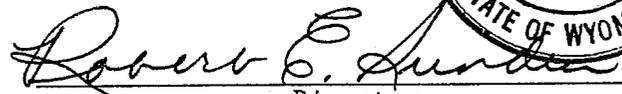
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

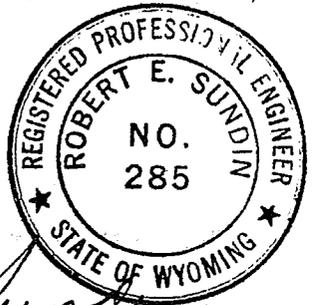
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAMS GARLAND  
Administrator, P.E. # 1479  
Water Quality Division  
October 1984  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

CONDITION

The permittee shall notify the Sheridan County Planning & Engineering Office of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling. The authorized representative in your area can be contacted at the following address:

Joe Hollingsworth  
County Planning & Engineering Office  
224 South Main Street  
Sheridan, Wyoming 82801  
672-3426



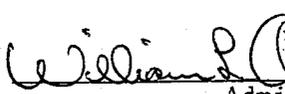
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

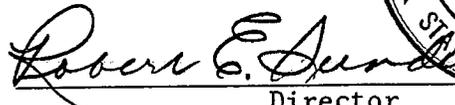
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, 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.

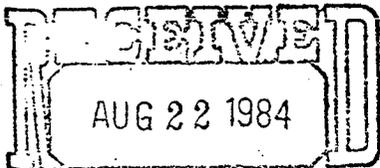
AUTHORIZED BY:

  
WILLIAM L. GARLAND  
PE # 1479  
Administrator  
Water Quality Division  
STATE OF WYOMING  
August 27, 1984  
Date of Issuance

  
ROBERT E. SUNDIN  
NO. 285  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING  
Director  
Dept. of Environmental Quality

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

Returned to NORMA  
Sheridan  
8/23/84



REQUEST FOR GROUNDWATER SECTION  
PERMIT APPLICATION REVIEW

WATER QUALITY DIVISION  
WYOMING

APPLICATION NUMBER 84-415

DATE SUBMITTED FOR REVIEW 8/21/84

NAME AND LOCATION OF FACILITY Fort Union Mine Railroad Loop Sediment Pond Reservoir,  
Sec. 32, T.51N., R.71W., Campbell County

rec'd in Cheyenne 8/22/84 xc

COMMENTS

Application is not signed. No other  
comments /AM

Please return your comments to me by 9/4/84

SIGNED Tom Muller

DATE 8/21/84

8-31

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 84-416  
SEE CONDITIONS ATTACHED TO THIS PERMIT

Absorka Creek Fed.  
(Name of Facility)

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

Phillips Oil Co.

Box 2920

Casper, WY 82602

to construct, install, or modify a drilling fluid reserve pit facility according to the procedures and conditions of the application No. 84-416. The facility is located in SE1/4 SW1/4 Section 35, T24N, R116W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of one 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 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.

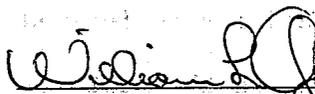
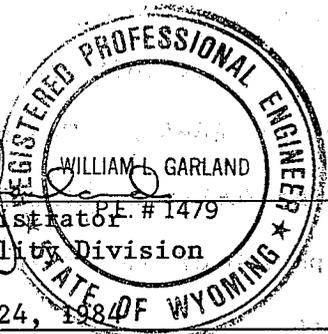
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

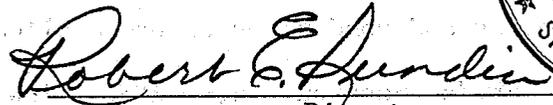
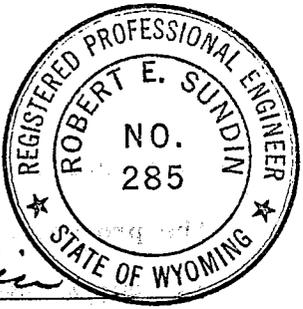
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

  
  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
August 24, 1984  
Date of Issuance

  
  
ROBERT E. SUNDIN  
NO. 285  
STATE OF WYOMING  
Director  
Dept. of Environmental Quality

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

This permit authorizes you to dispose of 1,974,000 gallons of drilling fluid wastewater on the surrounding 30 acres, a total liquid application of 2.42 inches.

CONDITIONS TO PERMIT TO CONSTRUCT #84-416

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8% for vehicular application or 15% for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
3. Wastewater application shall be terminated within 300 feet of the defineable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. To assess the long term effects of the wastewater application on the soil and its relation to revegetation success on denuded areas, the seed mix (% of selected species), seed rate (lbs. of bulk seed/acre and % pure live seed), mulch and fertilizer preferred by the landowner-lessee or land management agency should be forwarded to E. J. Fanning, Department of Environmental Quality, Water Quality Division, Herschler Building, 122 W. 25th, Cheyenne, Wyoming 82002, within 30 days of receipt of this permit.
5. After dewatering by land application, the permittee must demonstrate, before backfilling, that the residual solid wastes will remain hydrologically isolated, i.e. by virtue of the surrounding soil matrix or bedrock, or by installation of artificial clay liners and/or caps. Failure to demonstrate this will necessitate the excavation of the pit wastes and haulage to an approved disposal site.

If wastes are to be retained in the pit, an analysis of a mud sample, composited by the same techniques as described in section 8 of the one-time land application form and the DEQ sampling card, must be submitted in a timely manner to the responsible agency personnel (E. J. Fanning).

9-5-84

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 84-417R

Bartlett Sewer Extension  
(Name of Facility)

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

Jarvis Bartlett

307 Grand

Laramie, WY 82070

to construct, install, or modify a sanitary sewer facility according to the procedures and conditions of the application No. 84-417R. The facility is located in Section 3, T15N, R73W in the County of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 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.

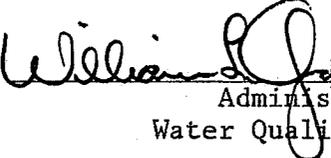
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, Herschler Building, 122 W. 25th, Cheyenne, Wyoming 82002; telephone, 777-7781.

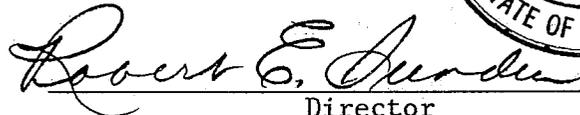
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

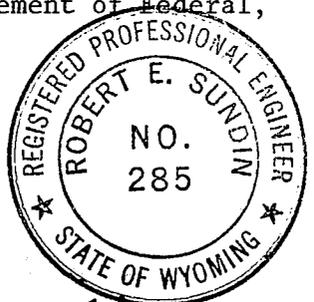
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
August 29, 1981  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

cc: Ted C. Gertsch  
Gertsch/Baker & Associates  
307 Grand Ave.  
Laramie, WY 82070

8-24-84

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
1111 East Lincolnway  
Cheyenne, Wyoming 82002

PROJECT: Bartlet Sewer Extension, Albany Co.

ARCHITECT OR ENGINEER: Ted C. Gertsch, P.E., Gertsch/Baker & Assoc.  
307 Grand Ave., Laramie, WY 82070

APPLICANT: Jarvis Bartlett  
307 Grand, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 84-417

REVIEWING ENGINEER: Theodore D. Coyer, P.E. *Theodore D. Coyer*

DATE OF REVIEW: August 24, 1984

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The application for a permit to construct must be signed by the owner of this project.
2. Complete specifications for materials and installation of this sewer line must be provided. (You may reference standard specifications which are authorized by this office. The 1984 edition of the Wyoming Public Works Specifications is one set that has been authorized.)



THE STATE OF WYOMING

*Moe, Return to Bill  
Thanks/Ted*

ED HERSCHLER  
GOVERNOR

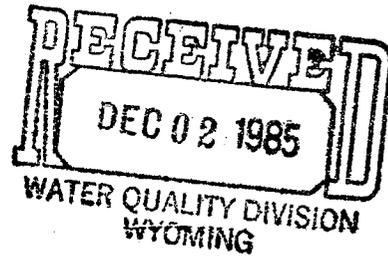
*Department of Environmental Quality  
Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 19, 1985



Frank Schwab  
1212 Custer  
Laramie, WY 82070

Dear Mr. Schwab:

On November 5, 1985, a status letter was sent to you concerning a permit to construct, reference number 84-418, facility name Continental Estates Mobile Home Park. 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.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and 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

WLG/CGN/nc

cc: /Ted C. Gertsch  
Gertsch/Baker & Associates  
307 Grand Avenue  
Laramie, WY 82070

*Bill, I returned your 1st  
inquiry with the response that  
this project will not proceed at this  
time*  
*TCB*



*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 19, 1985

Frank Schwab  
1212 Custer  
Laramie, WY 82070

Dear Mr. Schwab:

On November 5, 1985, a status letter was sent to you concerning a permit to construct, reference number 84-418, facility name Continental Estates Mobile Home Park. 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.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and 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,

A handwritten signature in cursive script that reads "William L. Garland".

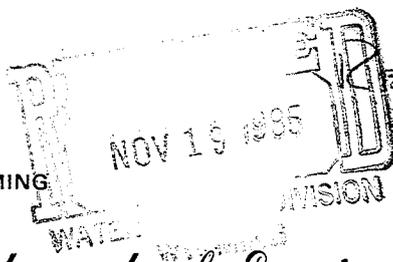
William L. Garland  
Administrator

WLG/CGN/nc

cc: Ted C. Gertsch  
Gertsch/Baker & Associates  
307 Grand Avenue  
Laramie, WY 82070



THE STATE OF WYOMING



RETURN TO DEQ  
TCG

ED HERSCHLER  
GOVERNOR

# Department of Environmental Quality Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 5, 1985

Frank Schwab  
1212 Custer  
Laramie, WY 82070

Dear Mr. Schwab:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name:	Continental Estates Mobile Home Park, Albany Co.
DEQ/WQD Reference Number:	84-418
Engineering Consultant:	Ted C. Gertsch, Gertsch/Baker & Assoc.
DEQ/WQD Reviewing Engineer:	Theodore D. Coyer/Christian G. Norman
Date of DEQ/WQD Review:	August 29, 1984

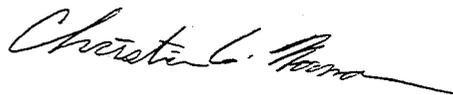
According to Chapter III of the Water Quality Rules and Regulations, Section 7 b. (2), "If an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide the requested information within that period, the entire incomplete application shall be returned."

Please indicate below the status of your application and return this form to our office:

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within 30 days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- Other remarks \_\_\_\_\_

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division reviewing engineer receives this information within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,



Christian G. Norman  
Engineering Evaluator  
Water Quality Division

CGN/nc

cc: ✓ Ted C. Gertsch  
Gertsch/Baker & Assoc.  
307 Grand Avenue  
Laramie, WY 82070

8-30-84

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
1111 East Lincolnway  
Cheyenne, Wyoming 82002

PROJECT: Continental Estates Mobile Home Park, Albany Co.

ARCHITECT OR ENGINEER: Ted C. Gertsch, P.E., Gertsch/Baker & Assoc.  
307 Grand Ave., Laramie, WY 82070

APPLICANT: Frank Schwab  
1212 Custer, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 84-418

REVIEWING ENGINEER: Theodore D. Coyer, P.E. *Theodore D. Coyer*

DATE OF REVIEW: August 29, 1984

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The application for a "Permit to Construct" must be signed by the owner.
2. Complete water and sewer utility specifications for the materials to be used and installation procedures must be provided. (You may reference standard specifications which have already been authorized.)
3. Plan and profile drawings for the water and sewer lines are required.
4. Please show the internal valving for the water lines.
5. All dead end water lines must have blow-offs or the water lines must be looped.
6. Does the "Woodford Thermoline Freezeless" riser have a valve below the frost line? Please provide a catalog cut of this device.
7. What is the depth to the seasonally high water table at the meter vault location?
8. The minimum allowable slope for a 6-inch diameter sewer is 0.6 feet/100 feet.
9. The maximum length of sewer served by a clean-out is 150 feet.
10. The vertical portion of the sewer riser pipes must be schedule 40 or cast iron pipe.
11. What is the purpose of the recharge well shown on sheet 1 of 4?
12. Since the water and sewer plan and profile drawings were not included, this is not a complete review.

PERMIT TO CONSTRUCT

New

Permit No. 84-419RR

Renewal

Modified

Prairie Avenue Water and Sewer Mains  
(Name of Facility)

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

Cheyenne Board of Public Utilities

2100 Pioneer Avenue

Cheyenne, WY 82001

to construct, install, or modify a municipal water distribution and sewer collection facility according to the procedures and conditions of the application No. 84-419RR.

The facility is located in Section 20, T14N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 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.

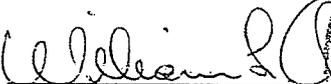
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

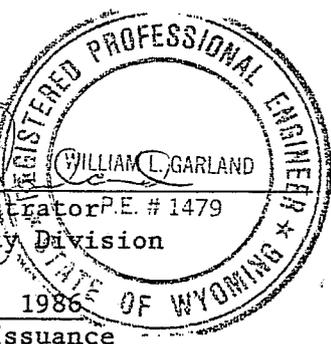
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 122 W. 25th, Cheyenne, Wyoming 82002; telephone, 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 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 P.E. # 1479  
Water Quality Division  
May 19, 1986  
Date of Issuance



REGISTERED PROFESSIONAL ENGINEER  
WILLIAM L. GARLAND  
STATE OF WYOMING

  
Director  
Dept. of Environmental Quality

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

cc: Frank M. Cole  
425 Cole Shopping Center  
Cheyenne, WY 82001



THE STATE OF WYOMING

7-17

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

July 16, 1985

Frank Cole  
425 Cole Shopping Center  
Cheyenne, WY 82001

Mr. Cole:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name:	Life Care Center (city sewer & water)
DEQ/WQD Reference Number:	84-419R
Engineering Consultant:	Frank M. Cole
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	November 1, 1984

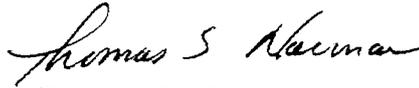
According to Chapter III of the Water Quality Rules and Regulations, Section 7 b. (2), "If an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide the requested information within that period, the entire incomplete application shall be returned."

Please indicate below the status of your application and return this form to our office:

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within 30 days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- Other remarks \_\_\_\_\_

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division reviewing engineer receives this information within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,

A handwritten signature in cursive script that reads "Thomas S. Norman".

Thomas S. Norman  
Water Quality Engineer  
Water Quality Division

TSN/nc

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
1111 East Lincolnway  
Cheyenne, Wyoming 82002

PROJECT: Life Care Center, Laramie Co.

ARCHITECT OR ENGINEER: Frank Cole  
425 Cole Shopping Center, Cheyenne, WY 82001

APPLICANT: Same as Above

WATER QUALITY DIVISION REFERENCE NUMBER: 84-419R

REVIEWING ENGINEER: Thomas S. Norman *T. Norman*

DATE OF REVIEW: November 1, 1984

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The slope of the sewer between MH 8 and MH 9 is incorrect.
2. DEQ cannot issue a permit until the City/BPU has given approval. BPU confirmed that this is the correct process also.

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
1111 East Lincolnway  
Cheyenne, Wyoming 82002

PROJECT: Life Care Center, Laramie Co.

ARCHITECT OR ENGINEER: Frank Cole  
425 Cole Shopping Center, Cheyenne, WY 82001

APPLICANT: Same as Above

WATER QUALITY DIVISION REFERENCE NUMBER: 84-419

REVIEWING ENGINEER: Thomas S. Norman *T. Norman*

DATE OF REVIEW: August 23, 1984

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The plans were not signed by a Wyoming professional engineer.
2. A letter from the City and/or BPU is necessary stating they accept these improvements.
3. The water and sewer for the Life Care Center may need a permit from DEQ. Please give a description of the improvements.
4. Profiles for the water lines were not shown.
5. The profile for the sewer between MH#10 and MH#9 was not shown.
6. Details were not provided for the sewer and water crossings by MH#9 and MH#6. Also the minimum separation of 10 feet between the water and sewer is not maintained by Station 24+25.
7. The Wyoming Public Works Standard Specifications are not complete by themselves. Please refer to the guide that accompanies the Standards for an explanation and assistance.



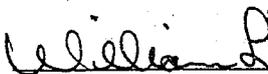
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

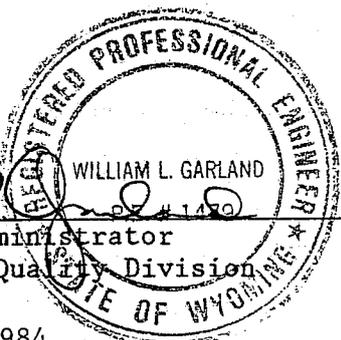
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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.

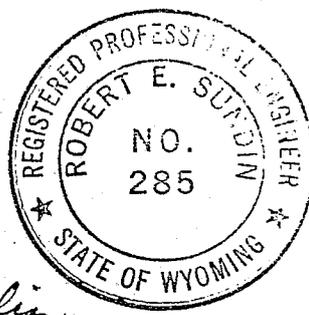
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
STATE OF WYOMING



  
Director  
Dept. of Environmental Quality



September 13, 1984  
Date of Issuance

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

\* CONDITION ON PERMIT \*

Before backfilling the authorized septic system, the applicant is required to contact the Fremont County Planning Office at 332-5371, Mr. Ray Price, and arrange for an inspection of the improvements. Please give Mr. Price a minimum of 72 hours prior notice.

EB:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: ANR Pipeline Co.

ENGINEER: Civil Engineering Professionals Inc.  
240 South Wolcott, Suite 202  
Casper, WY 82601

OWNER: B-2 Wyoming Inc.  
Box 265  
Shoshoni, WY 82649

WATER QUALITY DIVISION REFERENCE NUMBER: #84-420

REVIEWING ENGINEER: Ed Baruth, P.E. *Ed*

DATE OF REVIEW: August 28, 1984

ACTION: Not authorized.

COMMENTS: Thank you for your recent application for a Permit to Construct the septic tank/leach field facility for the ANR Pipeline Co. We need additional information before the permit can be authorized:

1. Find attached pages 92 and 105 from our new Chapter XI Rules and Regulations concerning leach field design. Your original application does not detail how you developed your design flow. Please utilize page 92 or back your listed fixtures listed with some type of flow/unit or fixture unit analysis. Further, the curve on page 105 is now used for actual sizing once the percolation rate and design flow (from page 92) are known.

2. The Town of Shoshoni and Fremont County have an agreement on how sewerage needs will be handled in the area of Fremont County directly surrounding Shoshoni. The agreement stipulates that any development on lands within 200 feet of an existing sewer line, which is owned and operated by the Town of Shoshoni, will be hooked into the Shoshoni central sewer system. Please verify the separation distance of your installation.

EB:dcn

*Ac*



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 17, 1984

Dean Forsgren  
Chevron Chemical Company  
P. O. Box 1928  
Rock Springs, WY 82902

RE: Temporary Construction Site Runoff  
Clarification Pond - "As Built"  
No. 84-421R--Sec. 15, T18N, R104W  
Sweetwater County, Wyoming

Dear Mr. Forsgren:

The revised application and plans have been reviewed and they appear to meet the minimum design standards for the State of Wyoming. A "Permit to Construct" cannot be issued owing to the fact that the pond has already been constructed.

Please retain this letter as verification that the constructed pond has been accepted by the Wyoming Department of Environmental Quality.

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jack Bedessem".

Jack Bedessem  
Area III Supervisor

JB:dcn

cc: Cheyenne DEQ/WQD  
Peter Rideout - Bennet Carder & Assoc., Inc.  
File (5)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Chevron Fertilizer Project - Temporary Runoff Clarification Pond

ENGINEER:

OWNER: Chevron Chemical Company  
Attention: Dean Forsgren  
P. O. Box 1928  
Rock Springs, WY 82902

WATER QUALITY DIVISION REFERENCE NUMBER: #84-421

REVIEWING EVALUATOR: Jack Bedessem *JB*

DATE OF REVIEW: September 17, 1984

ACTION: Not authorized.

COMMENTS: An initial review of your plans and specifications has been completed. The following item needs to be resolved:

Three sets of plans and specifications are needed. The plans, specifications and application form must be signed by a registered Wyoming Professional Engineer.

Please submit the required information and revised drawings to this office, in triplicate. If you have any questions, please feel free to contact me.

JB:dcn

*BC*

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 84-422RR  
EPA C560230

Casper Wastewater Treatment Plant Phase P-5-F  
(Name of Facility)

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

Casper Board of Public Utilities

200 North David

Casper, WY 82601

to construct, install, or modify a bio-filter tower, sludge drying beds, landscaping, etc. for municipal wastewater treatment facility according to the procedures and conditions of the application No. 84-422RR. The facility is located in Section 2, T33N, R79W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 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.

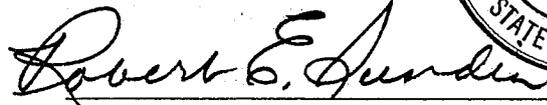
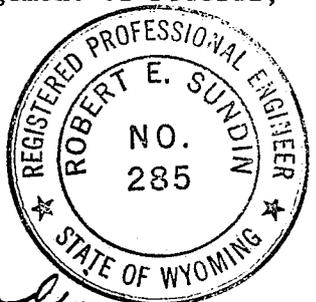
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

  
\_\_\_\_\_  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
  
January 29, 1985  
Date of Issue

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


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

cc: Dave Raby  
CH2M Hill  
P.O. Box 22508  
Denver, CO 80222



*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 6, 1985

Mr. David Engels  
Director, Casper Board of Public Utilities  
200 North David  
Casper, WY 82601

RE: Joint Powers Board No. 2, Casper, Wyoming, EPA Grant No. C560230-05,  
Bid Schedule P-5-F Plans and Specifications, DEQ/WQD Ref. No. 84-422R

Dear Mr. Engels:

This office has reviewed the latest data submitted regarding the subject plans and specifications. The plans and specifications are hereby approved. The permit to construct is forwarded herewith. Also included are two sets of plans and specifications as approved by this office. Please forward one set to your engineer.

This office has reviewed addendum No. 2 to the subject contract documents. The addendum has been approved by this office. A copy of addendum No. 2 as approved is forwarded herewith. Two items are noted as being incorrect on this addendum. As we discussed, these will have to be corrected by later addendum. These are under Section D. Part 5 - Drawings, items 5.c. and 18.

Also forwarded herewith is a checklist of items that needs to be submitted to this office for review when the bids are opened. The City is cautioned that construction contracts may not be awarded until the bidding documents have been reviewed and approved by the Environmental Protection Agency.

If you have any questions on the above, please contact this office at (307) 777-6351.

Sincerely,

A handwritten signature in cursive script that reads "Alan Edwards".

Alan Edwards  
Engineering/Grants Evaluator

AE/nc  
Enclosures

cc: Gary Swanson, CH2M Hill, Denver  
Grant File

11-14-84

THE STATE OF WYOMING



ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 15, 1984

Mr. Dave Engels, Director  
Board of Public Utilities  
200 North David  
Casper, WY 82601

RE: Casper, Wyoming, EPA Grant No. C560230-01, DEQ/WQD Ref. No. 84-422,  
Plans and Specifications, Bid Schedule P-5-F

Dear Mr. Engels:

This office has reviewed the plans and specifications for bid schedule P-5-F. The Corps of Engineers and the Occupational Health and Safety Office have previously reviewed these documents. Copies of their review comments are included herewith for your review and information. Our review comments are also included herewith.

The eligibility of some of the items proposed to be constructed is questioned by this office. The items questioned for eligibility will be covered by a separate letter at a later date.

The plans and specifications are still being reviewed by the Department of Fire Prevention and Electrical Safety. Their review comments are expected soon and will be forwarded upon our receipt of the comments.

Once all of the changes have been incorporated, please send five (5) sets of final plans and specifications for our review. If the plans and specifications are acceptable, we will note them as acceptable and distribute them. Two signed sets will be returned to the City.

If you have any questions on the above, please let me know.

Sincerely,

*Alan Edwards*

Alan Edwards  
Engineering/Grants Evaluator

GAE/nc

Enclosures

cc: Mr. Dave Raby, CH2M Hill (w/enclosures)  
Grant File  
Thomas S. Norman  
Norma Coulson

11-19-84

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
1111 East Lincolnway  
Cheyenne, Wyoming 82002

PROJECT: Mills-Casper-Evansville Wastewater System, Biofilter and Sludge Handling, Bid Package P-5-F

ARCHITECT OR ENGINEER: CH2M Hill, CH2M Hill Building  
Box 22508, Denver, CO 80222

APPLICANT: Casper Board of Public Utilities  
200 North David, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 84-422, EPA C560230-01

REVIEWING ENGINEER: <sup>HGE</sup> G. Alan Edwards, Thomas S. Norman <sub>TSN</sub>

DATE OF REVIEW: November 9, 1984

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Biofilter Loading Rates - The information regarding the biofilter loading rates submitted by letter dated October 18, 1984 has been reviewed. It is recognized that the biofilters will be functioning as roughing filters and that higher loading rates can be achieved. This office does not have any information, however, indicating what efficiencies can be expected at the higher loading rates especially at the elevation and with the climate existing in Casper. Information is therefore requested that justifies that the BOD5 can be reduced from 165 pounds down to 40 pounds per 1000 cubic feet of media per day. Please submit data from similar plants with similar conditions to justify the loading rates or possibly a theoretical evaluation of the efficiencies. This information is necessary to establish the adequacy of the sizing of this unit.
2. Sludge Drying Beds - The Wyoming standards require sludge drying beds that utilize evaporation and percolation be loaded with not more than 4 feet of sludge per year. The design loading rate is 12 feet of sludge per year. It is recognized that the tractor mounted aerator will improve the sludge drying efficiency. Please submit information that establishes that these loading rates can be achieved with this equipment. Information from other facilities utilizing this equipment would be sufficient for this purpose. Similar climatic conditions must also be evaluated.
3. Sludge Storage - A cross-section of one of the sludge storage beds would be beneficial. The diagram from the pre-design report would be suitable.
4. Sprinklers - Page 1-6-14 includes a material list for Rainbird equipment. Neither the plans or specifications include an "or equal" clause for this equipment.
5. Sheet 8-S05, Section D - Is it possible for the influent and effluent wet wells to overflow into one another?

6. Sheet 24-A-5, Section A - A slope is shown for the roof but no value is given. Is this slope identified elsewhere?
7. Screen Chamber - Will the old screen chamber be used for another purpose once it is filled in and covered?
8. Sheet 26-D-12 - Will backflow prevention devices be required on hose valves?
9. No mechanical equipment schedules were noted for such items as valves, heaters, and fans.
10. No details are provided for warning signs such as non-potable water. Are these necessary?
11. There are no lighting schedules provided. Are these necessary?
12. Wyoming standards require such features as sludge drying and storage beds to be located above the 25-year floodplain but they must be protected from the 100 year flood event. The beds are protected from erosion and undercutting by rip rap on the river bank. Are these beds located above the 25-year floodplain? Also, the operation and maintenance manual should address the need to shut off the valves on the drain lines from these beds during high water events to avoid flooding of plant process units.
13. There are some existing manholes on the sludge bed drain lines that are below the 100 year floodplain elevation. Do these have water tight covers to protect from inflow? If not, are they considered necessary?
14. A current wage determination will need to be included in the bidding documents prior to bidding. This office has discussed the wage decision requirements with the Department of Labor. The policy regarding split wage decisions has recently been amended. If 80 percent of the project or more falls under one category, such as heavy, and the remainder of the project is not a "significant" cost, the entire project can be covered under a single determination. The definition of significant is a cost of \$500,000 or less. The only portion of the project (P-5-F) that meets the definition of building construction appears to be the shop and maintenance structure. If the cost of this structure and related construction is under \$500,000 the entire project (P-5-F) can possibly be covered under a heavy wage determination.
15. The sludge drying beds #25-#30 on sheets 1-C-3 and 1-C-4 are labeled beds #31-#36 on sheets 1-Y-2 and 1-Y-3.

*Norma*



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality  
Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

September 10, 1984

Mr. T. R. Kell, P.E.  
Chief, Engineering Division  
Omaha District Corps of Engineers  
6014 U.S. Post Office and Courthouse  
Omaha, NE 68102

RE: Joint Powers Board No. 2, Casper, Wyoming, EPA Grant No. C560230-02,  
DEQ/WQD Ref. No. 84-422, Bid Package P-5-F, Plans and Specifications

Dear Mr. Kell:

We are forwarding as per your request of August 31, 1984 a second set of plans and specifications for the subject project. Because of the size and complexity of the plans and specifications, we would appreciate any review assistance you can give until your September 30, 1985 cut-off date. If you have any questions, please contact me at (307) 777-6351. Thank you.

Sincerely,

*Alan Edwards*

Alan Edwards  
Engineer/Grants Evaluator

GAE/nc

cc: Grant File

8/24/84



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality  
Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

August 24, 1984

Mr. Ken Luebke, MROED-DI  
Corps of Engineers  
U.S. Army Engineer District Omaha  
U.S. Post Office and Courthouse  
215 North 17th Street  
Omaha, NE 68102

RE: Joint Powers Board No. 2, Casper, Wyoming, EPA Grant No. C560230-01,  
DEQ/WQD Ref. No. 84-422, Plans and Specifications, Bid Schedule P-5-F,  
Wastewater Treatment Plant

Dear Mr. Leubke:

Forwarded herewith is one copy of plans and specifications for bid schedule P-5-F for the subject project. This is the last schedule for the proposed plant expansion. We realize that the Corps involvement in plan and specification review ends September 30, 1984. Because of the size of this project, though, we would appreciate any assistance your office can render during your remaining time.

If you have any questions regarding this, please contact me at (307) 777-6351.

Sincerely,

G. Alan Edwards  
Engineer/Grants Evaluator

GAE/nc  
Enclosures

cc: Grant File

9-5-67

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 84-423  
SEE SPECIAL CONDITION

Fort Fetterman Staff Quarters  
(Name of Facility)

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

State of Wyoming

Archives, Museums and Historical Department

Barrett Building

Cheyenne, WY 82002

to construct, install, or modify a small subsurface sewage treatment and disposal facility according to the procedures and conditions of the application No. 84-423.

The facility is located in Section 10, T33N, R72W in the County of Converse, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 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.

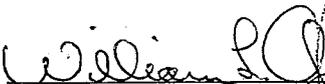
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

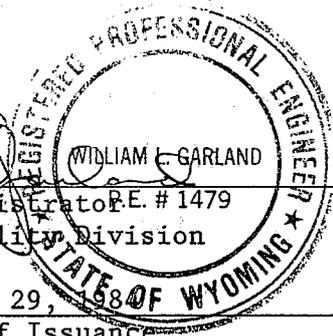
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

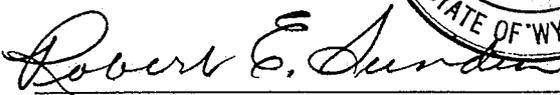
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

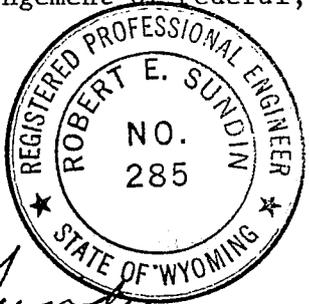
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator E. # 1479  
Water Quality Division  
August 29, 1980  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

Condition to Permit to Construct

The permittee shall notify representatives of the Converse County Health Department of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to back-filling. The authorized representative in your area can be contacted at the following address:

Debbi Standard, County Sanitarian  
Converse County Health Department  
127 N. 5th St.  
Douglas, WY 82633  
Telephone: 358-2536

cc: C. K. Wolz  
Wolz & Associates, Inc.  
3330 Navarre  
Casper, WY 82604

8-21

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 84-424  
SEE CONDITIONS ATTACHED TO THIS PERMIT

Schuster Basin Fed. #1  
(Name of Facility)

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

Exxon Company, U.S.A.

P.O. Box 1600

Midland, TX 79702

to construct, install, or modify a drilling fluid reserve pit facility according to the procedures and conditions of the application No. 84-424. The facility is located in SE1/4 SE1/4 Section 29, T23N, R117W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of one 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 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.

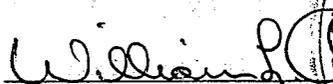
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

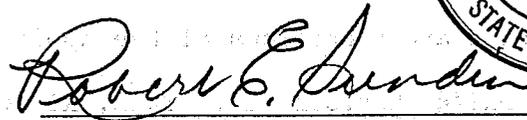
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

  
WILLIAM L. GARLAND  
#1479  
Administrator  
Water Quality Division  
STATE OF WYOMING



REGISTERED PROFESSIONAL ENGINEER  
ROBERT E. SUNDIN  
NO. 285  
STATE OF WYOMING

Director  
Dept. of Environmental Quality

August 27, 1984  
Date of Issuance

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

This permit authorizes you to dispose of 630,000 gallons of drilling fluid wastewater on the adjoining 15 miles of road, a total liquid application of 0.71 inches.

CONDITIONS TO PERMIT TO CONSTRUCT #84-424

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8% for vehicular application or 15% for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
3. Wastewater application shall be terminated within 300 feet of the defineable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. To assess the long term effects of the wastewater application on the soil and its relation to revegetation success on denuded areas, the seed mix (% of selected species), seed rate (lbs. of bulk seed/acre and % pure live seed), mulch and fertilizer preferred by the landowner-lessee or land management agency should be forwarded to E. J. Fanning, Department of Environmental Quality, Water Quality Division, Herschler Building, 122 W. 25th, Cheyenne, Wyoming 82002, within 30 days of receipt of this permit.
5. After dewatering by land application, the permittee must demonstrate, before backfilling, that the residual solid wastes will remain hydrologically isolated, i.e. by virtue of the surrounding soil matrix or bedrock, or by installation of artificial clay liners and/or caps. Failure to demonstrate this will necessitate the excavation of the pit wastes and haulage to an approved disposal site.

If wastes are to be retained in the pit, an analysis of a mud sample, composited by the same techniques as described in section 8 of the one-time land application form and the DEQ sampling card, must be submitted in a timely manner to the responsible agency personnel (E. J. Fanning).

9-5-14

PERMIT TO CONSTRUCT

New

Permit No. 84-425

Renewal

Modified

Casper Recreation Center Sewer and Water Line Relocation  
and Third Street Relief Sewer  
(Name of Facility)

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

Casper Board of Public Utilities

200 North David Street

Casper, WY 82601

to construct, install, or modify a public water supply distribution and wastewater collection systems facility according to the procedures and conditions of the application No. 84-425. The facility is located in Section 10, T33N, R79W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 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.

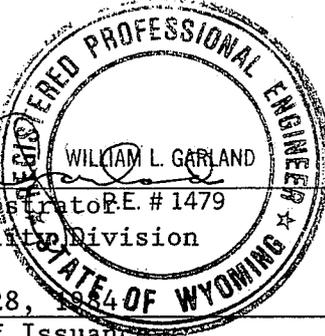
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

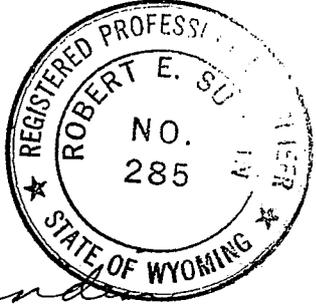
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
August 28, 1984  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

cc: David Hill  
Casper Board of Public Utilities  
200 North David  
Casper, WY 82601



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 9, 1986

Keith McNinch  
P.O. Box 633  
Big Piney, WY 83113

Dear Mr. McNinch:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project is:

Facility Name:	<u>Sublette Co. Fairgrounds Small</u> <u>Wastewater</u>
DEQ/WQD Reference Number:	<u>84-426</u>
Engineering Consultant:	<u>Keith McNinch</u>
DEQ/WQD Review Engineer:	<u>Jack Bedessem/Bill Locke</u>
Date of DEQ/WQD Review:	<u>9-13-84</u>

Please indicate below the status of this project and return this form to our office.

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within thirty (30) days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within thirty (30) days.
- Other Remarks: \_\_\_\_\_

You are reminded that the construction, installation, or modification of any sewage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes, and is punishable with a fine not to exceed \$10,000 for each day of violation. Unless the Water Quality Division review engineer receives information concerning the status of this project within fifteen (15) days of the receipt of this letter, follow-up action will be taken.

Sincerely,



Bill Locke, P.E.  
Water Quality Engineer

BL/jw

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Sublette County Fair Board

ENGINEER: Keith McNinch  
Box 633  
Big Piney, WY 83113

OWNER: Sublette County Fair Board  
Ross Calvert, Chairman  
Pinedale, WY 82941

WATER QUALITY DIVISION REFERENCE NUMBER: #84-426

REVIEWING EVALUATOR: Jeff Hermansky

DATE OF REVIEW: September 13, 1984



ACTION: Not authorized.

COMMENTS: The following questions and comments must be addressed before a Permit to Construct can be issued:

1. Please supply the data on the actual daily volume of wastewater that was generated during the past two years. Furthermore, show the number of people that used the facilities during the same period as well as projected future usage.
2. Please specify the pipe and pipe fittings material as well as bedding and backfill specifications.
3. The 3 inch sewer line from the dining/entertainment building must be 4 inch.
4. Show a profile view with slopes of all sewer lines.
5. Cleanouts are required at all bends in the sewer lines.
6. Please submit 4 copies of all plans and specifications. Only 3 were sent with your application.
7. Why is the septic tank riser pipe crossed off on the Septic Tank Detail Sheet? The riser is required for pumping the tank.

AC

Review of Plans and Specifications

Sublette County Fair Board #84-426

September 13, 1984

Page Two

8. You stated that the leach field will be in an area where there will be no traffic. What kind of area is this? How will traffic be kept off?

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

JH:dcn

REVIEW OF PLANS AND SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Sublette County Fair Board

ENGINEER: Keith McNinch  
Box 633  
Big Piney, WY 83113

OWNER: Sublette County Fair Board  
Ross Calvert, Chairman  
Pinedale, WY 82941

WATER QUALITY DIVISION REFERENCE NUMBER: #84-426

REVIEWING EVALUATOR: Jeff Hermansky

DATE OF REVIEW: September 13, 1984

ACTION: Not authorized.

COMMENTS: The following questions and comments must be addressed before a Permit to Construct can be issued:

1. Please supply the data on the actual daily volume of wastewater that was generated during the past two years. Furthermore, show the number of people that used the facilities during the same period as well as projected future usage.
2. Please specify the pipe and pipe fittings material as well as bedding and backfill specifications.
3. The 3 inch sewer line from the dining/entertainment building must be 4 inch.
4. Show a profile view with slopes of all sewer lines.
5. Cleanouts are required at all bends in the sewer lines.
6. Please submit 4 copies of all plans and specifications. Only 3 were sent with your application.
7. Why is the septic tank riser pipe crossed off on the Septic Tank Detail Sheet? The riser is required for pumping the tank.

Review of Plans and Specifications

Sublette County Fair Board : 84-426

September 13, 1984

Page Two

8. You stated that the Leach field will be in an area where there will be no traffic. What kind of area is this? How will traffic be kept off?

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

JH:dcn



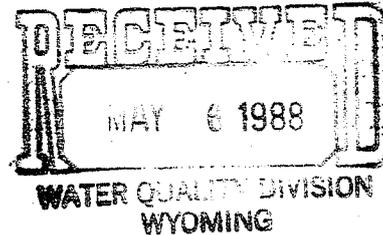
# Sublette County, Wyoming

OFFICE OF ZONING ADMINISTRATOR

Pinedale, Wyoming 82941

May 1988

ff Hermansky  
ter Quality-DEQ  
0 Lincoln St.  
nder, WY 82520



ar Jeff:

tached is the as built diagram of the  
stewater system installed at the Sublette  
unty Fairgrounds. The system is only  
ed a couple of weeks out of the year.  
have no estimates for the volume of  
stewater. The system has been used for  
ree years now with no problems.

there is any further information you  
ed, please contact my office.

ncerely,

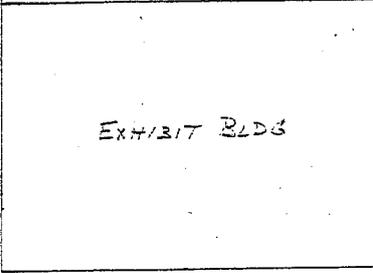
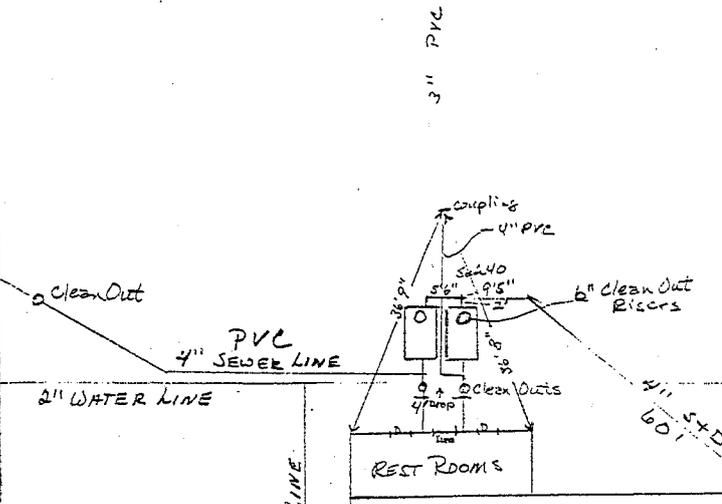
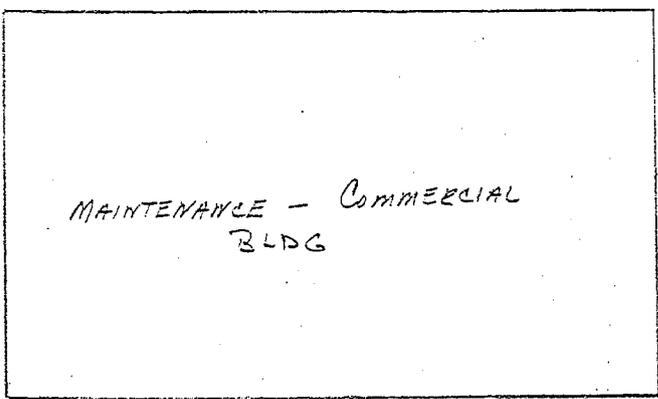
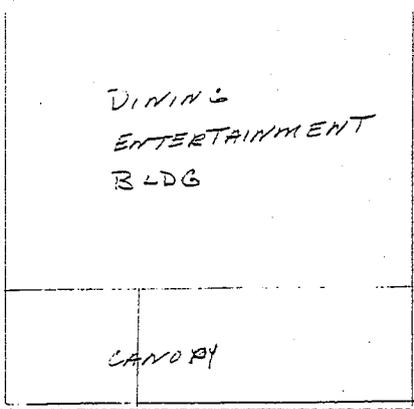
A handwritten signature in cursive script, appearing to read "Janet L. Montgomery".

net L. Montgomery  
ning Administrator

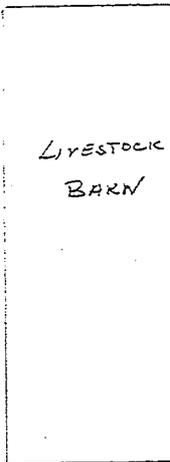
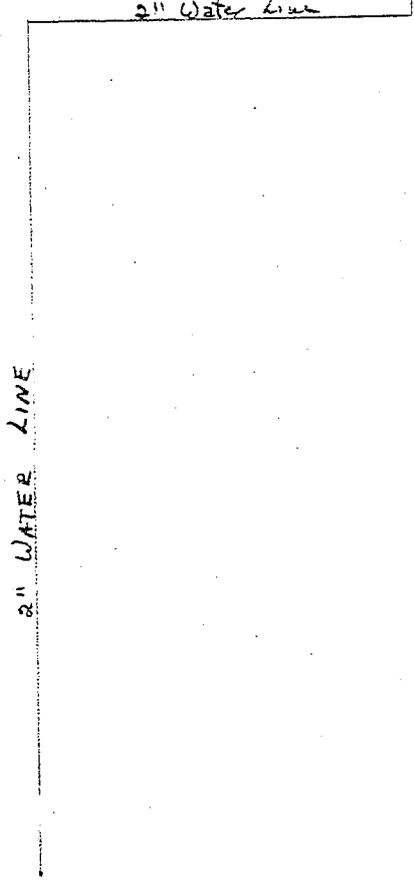
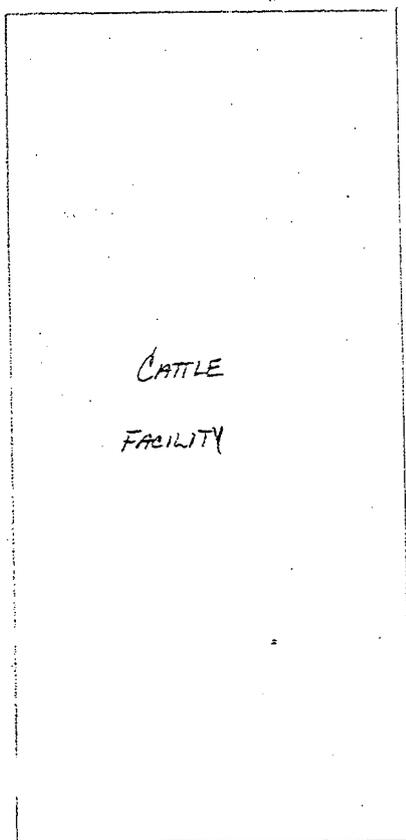
closure



PARKING AREA



MAIN LINEWAY



Well

2" PVC WATER LINE

NOTES:

4' 10" from top of septic tanks to ground level.  
 2 - 1000 gal. septic tanks installed in 1983.  
 LINES BEDDED IN SAND  
 Inspected: 8-1-84

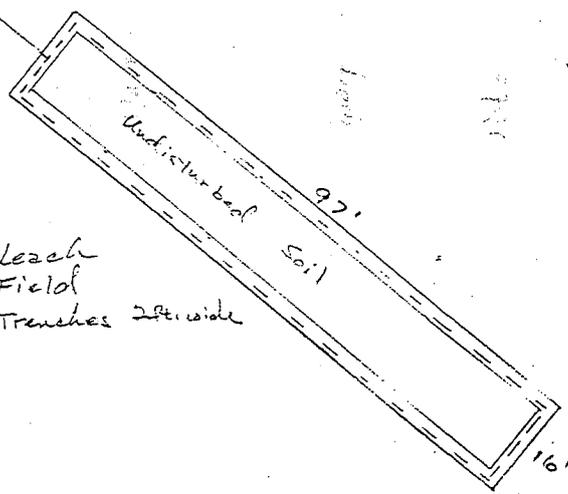
Janet Z. Montgomery  
 zoning Administrator

4" 5/8" 40 PVC  
 140'

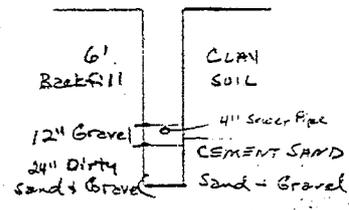
Drive way Area  
 for EXHIBIT DELIVERIES

Borrow Ditch

Leach Field  
 Trenches 24" wide



TRENCH CROSS SECTION





*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

May 16, 1986

STR, Inc.  
P.O. Box 345  
Heber, UT 84032

To whom it may concern:

Your statewide permit numbers 84-427R, 84-428R, 84-429R and 84-430R, for small wastewater facilities, contain a condition requiring the notification of the Department of Environmental Quality prior to the installation or abandonment of facilities authorized by these permits. Very few of these facilities are being reported. Since these permits were issued permitting authority for small wastewater facilities has been delegated to several counties.

The counties have agreed to use the statewide permit provided that they are properly notified. If the statewide permitting process is not responsive to the needs of the counties the state will not be able to issue statewide permits and it would be necessary to obtain permits from the individual delegated counties.

In order to address this problem you are requested to do the following:

1. Provide this office a list and location of all facilities constructed under your statewide permits.
2. Indicate the present status of each facility, i.e., operational or abandoned.
3. Indicate whether or not you wish to maintain the statewide permit in an active status.
4. Provide the required notification to both the county or state agency on all future projects. A county by county list of agencies responsible for small wastewater facilities is enclosed.

Sincerely yours,

A handwritten signature in cursive script that reads "Lawrence Robinson".

Lawrence Robinson  
Engineering Supervisor

LR/nc

Enclosure



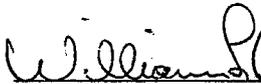
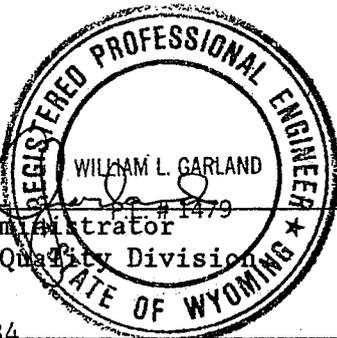
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

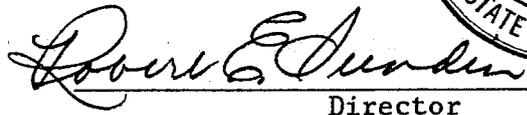
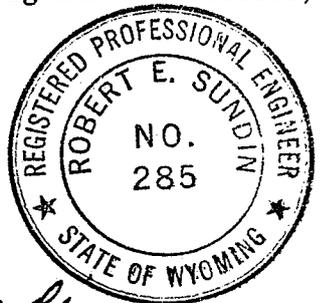
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
STATE OF WYOMING  


  
Director  
Dept. of Environmental Quality  


October 18, 1984  
Date of Issuance

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

\* CONDITIONS ON PERMIT \*

1. This permit is valid for temporary construction camps only--temporary being defined as one year or less. If a proposed construction camp is to be operated for more than one year, that camp must obtain authorization from this department.
2. The permittee shall notify the appropriate DEQ/WQD office with the notification form before any tank is installed. Upon abandoning the site, the system shall be salvaged and the appropriate DEQ/WQD office notified.

JH:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: STR, Inc. Sewage Holding Tank for Temporary Construction Camps

ENGINEER: Lynn K. Schrauth  
Uinta Engineering & Surveying  
P. O. Box 746  
Evanston, WY 82930

OWNER: STR, Inc.  
P. O. Box 345  
Heber, Utah 84032

WATER QUALITY DIVISION REFERENCE NUMBER: #84-427

REVIEWING EVALUATOR: Jeff Hermansky

*Jeff Hermansky*

DATE OF REVIEW: September 19, 1984

ACTION: Not authorized.

COMMENTS: Since this application will cover numerous installations over an extended period of time, I feel it is especially important that the plans be as complete and detailed as possible. The following questions and comments will need to be addressed before a Permit to Construct can be issued:

1. According to Chapter XI, Section 43 of the Wyoming Water Quality Rules and Regulations, holding tanks must be designed to hold seven days wastewater flow. Therefore, for 35 permanent workers in a temporary construction camp, the total holding tank capacity must be at least 12,250 gallons, or for 2,500 gallons tanks, a total of 5 tanks must be used.

I would recommend that you structure this application so that you can specify the number of holding tanks necessary for variable camp sizes, i.e.

- 1 - 2,500 tank for up to 7 workers
- 2 - 2,500 tanks for up to 14 workers
- 3 - 2,500 tanks for up to 21 workers
- 4 - 2,500 tanks for up to 28 workers
- 5 - 2,500 tanks for up to 35 workers.

2. If a number of septic tanks are to be installed in series, note that the inlet and outlet pipe elevations must be designed so as to prevent the surcharging of the last tanks in the series. Surcharging could subject the tank to leakage at the joints where the cover meets the tank walls and the access hatch.

*ABC*

September 19, 1984

Page Two

3. Each buried tank must be provided with a capped six inch pump out pipe that extends to the ground surface. Show the pump out pipe on the tank detail.
4. Please show the two inch vent on the tank detail.
5. Show a detail of a typical cleanout for the sewage collection lines and typical locations where cleanouts will be installed.
6. In an effort to clearly supply the DEQ with the necessary information as it pertains to each individual installation, I would strongly recommend that you submit a standard form that can be used for DEQ notification.

I would suggest that you include in the form spaces for:

- (1) Statewide Permit number;
- (2) Name of operator;
- (3) Legal description of site;
- (4) Approximate dates of installation/removal;
- (5) Number of persons to be served;
- (6) Number and volume of tanks to be installed;
- (7) Name of contractor who will pump the tanks;
- (8) Location to where the wastewater from the tanks will be hauled;
- (9) Frequency in which the tanks will be pumped; and,
- (10) Any other information that you feel is pertinent to the notification.

Please feel free to contact either Jack Bedessem or me if you have any questions.

JH:dcn



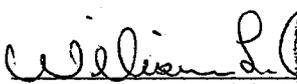
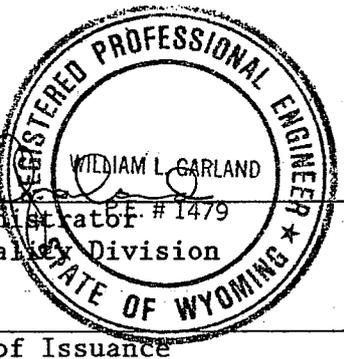
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

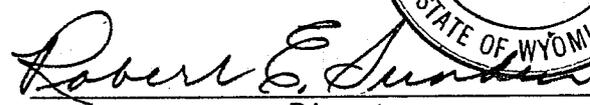
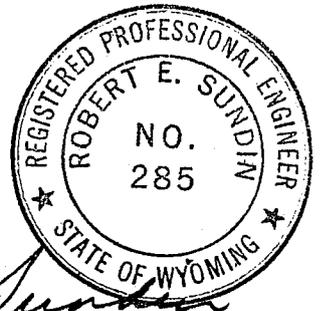
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

  
WILLIAM L. GARLAND  
Administrator #1479  
Water Quality Division  


  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality  


October 18, 1984

Date of Issuance

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

\* CONDITIONS OF PERMIT \*

1. This permit is valid for temporary construction camps only--temporary being defined as one year or less. If a proposed construction camp is to be operated for more than one year, that camp must obtain authorization from this department.
2. The permittee shall notify the appropriate DEQ/WQD office with the notification form before any system is installed. Upon abandoning the site, the system shall be salvaged and the appropriate DEQ/WQD office notified.

JH:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: STR, Inc. Sewage Holding Tank for Oil & Gas Drilling  
Site Locations

ENGINEER: Lynn K. Schrauth  
Uinta Engineering & Surveying  
P. O. Box 746  
Evanston, WY 82930

OWNER: STR, Inc.  
P. O. Box 345  
Heber, Utah 84032

WATER QUALITY DIVISION REFERENCE NUMBER: #84-428

REVIEWING EVALUATOR: Jeff Hermansky



DATE OF REVIEW: September 19, 1984

ACTION: Not authorized.

COMMENTS: Since this application will cover numerous installations over an extended period of time, I feel it is especially important that the plans be as complete and detailed as possible. The following questions and comments will need to be addressed before a Permit to Construct can be issued:

1. Please define transient workers. How did you determine the average daily flow from the transients?
2. For workers on site for an 8 hour shift, you must allow for 30 gallons per day.
3. Each buried tank must be provided with a capped six inch pump out pipe that extends to the ground surface. Please show the pumpout pipe on the tank detail.
4. Please show the two inch vent on the tank detail.
5. Show a detail of a typical cleanout for the sewage collection lines.
6. In an effort to clearly supply the DEQ with the necessary information as it pertains to each individual installation, I would strongly recommend that you submit a standard form that can be used for DEQ notification.

ABC

I would suggest that you include in the form spaces for:

- (1) Statewide Permit number;
- (2) Name of operator;
- (3) Legal description of site;
- (4) Approximate dates of installation/removal;
- (5) Number of persons to be served;
- (6) Number and volume of tanks to be installed;
- (7) Name of contractor who will pump the tanks;
- (8) Location to where the wastewater from the tanks will be hauled;
- (9) Frequency in which the tanks will be pumped; and,
- (10) Any other information that you feel is pertinent to the notification.

Please feel free to contact either Jack Bedessem or me if you have any questions.

JH:dcn



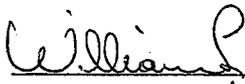
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 210 Lincoln, Lander, Wyoming 82520; telephone, 332-3144.

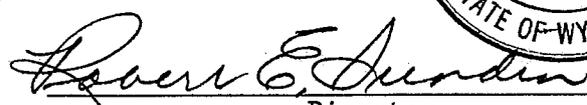
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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:

  
WILLIAM L. GARLAND  
Administrator #479  
Water Quality Division  
STATE OF WYOMING

October 18, 1984  
Date of Issuance

  
ROBERT E. SUNDIN  
NO. 285  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING

Director  
Dept. of Environmental Quality

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

\* CONDITIONS ON PERMIT \*

1. This permit is valid for temporary construction camps only--temporary being defined as one year or less. If a proposed construction camp is to be operated for more than one year, that camp must obtain authorization from this department.
2. At least three percolation tests must be run at each site. Table 1 in the specifications can then be used to size the leach field.
3. The permittee shall notify the appropriate DEQ/WQD office with the notification form before any system is installed. Upon abandoning the site, the system shall be salvaged and the appropriate DEQ/WQD office notified.

JH:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: STR, Inc. Septic Tank/Drain Field System for Temporary Construction Camps

ENGINEER: Lynn K. Schrauth  
Uinta Engineering & Surveying  
P. O. Box 746  
Evanston, WY 82930

OWNER: STR, Inc.  
P. O. Box 345  
Heber, Utah 84032

WATER QUALITY DIVISION REFERENCE NUMBER: #84-429

REVIEWING EVALUATOR: Jeff Hermansky



DATE OF REVIEW: September 20, 1984

ACTION: Not authorized.

COMMENTS: The following questions and comments will need to be addressed before a Permit to Construct can be issued:

1. In your narration of the design, you state that both 24 inch and 36 inch trenches will be used. Yet your "Table 2" reflects only 36 inch wide trenches. Where is your table for 24 inch wide trenches?
2. A 2,000 gallon septic tank is too small for 1,750 gallons per day flow. Since the regulations require 36 hours retention time, the septic tank should be at least 2,625 gallons. As a matter of practicality, a 2,500 gallon tank would be accepted.
3. There must be a note in your plans stating that the leach field will be protected from traffic, parking or storage.
4. I would recommend that you design a data sheet to accompany this application. The sheet can be used for DEQ notification any time you wish to use this statewide permit.

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

JH:dcn

ABC

PERMIT TO CONSTRUCT

New

Permit No. 84-430R

Renewal

\* CONDITIONS ON PERMIT \*

Modified

STR, INC.

SEPTIC TANK/DRAIN FIELD SYSTEMS FOR OIL AND GAS DRILLING SITE LOCATIONS

(Name of Facility)

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

STR, Inc.

P. O. Box 345

Heber, Utah 84032

to construct, install, or modify a collection lines, septic tank and trench type soil absorption system to serve 4 trailers at drilling locations

facility according to the procedures and conditions of the application No. 84-430R. The facility is located in

Statewide

~~in the County of~~

in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 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 dur-

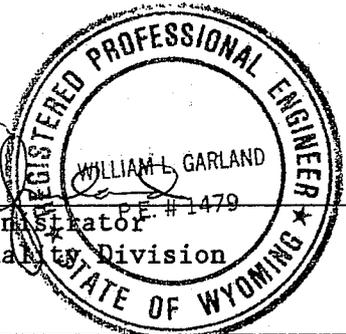
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

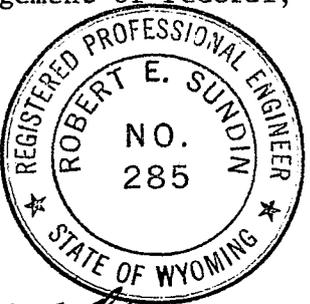
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

  
*William L. Garland*  
WILLIAM L. GARLAND  
P.E. # 1479  
Administrator  
Water Quality Division  
STATE OF WYOMING

  
*Robert E. Sundin*  
Director  
Dept. of Environmental Quality

October 18, 1984  
Date of Issuance

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

\* CONDITIONS OF PERMIT \*

1. This permit is valid for temporary construction camps only---temporary being defined as one year or less. If a proposed construction camp is to be operated for more than one year, that camp must obtain authorization from this department.
2. At least three percolation tests must be run at each site. Table 1 in the specifications can then be used to size the leach field.
3. The permittee shall notify the appropriate DEQ/WQD office with the notification form before any system is installed. Upon abandoning the site, the system shall be salvaged and the appropriate DEQ/WQD office notified.

JH:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: STR, Inc. Septic Tank/Drain Field System for Oil & Gas  
Drilling Site Locations

ENGINEER: Lynn K. Schrauth  
Uinta Engineering and Surveying  
P. O. Box 746  
Evanston, WY 82930

OWNER: STR, Inc.  
P. O. Box 345  
Heber, Utah 84032

WATER QUALITY DIVISION REFERENCE NUMBER: #84-430

REVIEWING EVALUATOR: Jeff Hermansky



DATE OF REVIEW: September 20, 1984

ACTION: Not authorized.

COMMENTS: The following questions and comments need to be addressed before a Permit to Construct can be issued:

1. Since the part time worker is on site 8 hours per day, you must allow for 30 gallons per day unless you have sufficient data to indicate that 20 gallons per day is accurate.
2. The minimum septic tank size that is allowable in Wyoming is 1,000 gallons.
3. How do you figure 5 gallons wastewater for the 8 transient workers?
4. There should be a note on the plans stating that the leach field will be protected from traffic, parking and storage.
5. I would recommend that you design a data sheet to accompany this application. The sheet should have spaces to list all the necessary information for notification to the DEQ when you wish to use this statewide permit.

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

JH:dcn

ABC

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 84-431RR  
SEE CONDITION ON BACK OF PERMIT

Queen Mill No. 1 Sediment Reservoirs  
(Name of Facility)

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

David L. Ross

179 E. 8th Ave.

Springfield, CO 81073

to construct, install, or modify a sediment control structures for precious mining operation facility according to the procedures and conditions of the application No. 84-431RR. The facility is located in Sections 8 and 9, T15N, R78W in the County of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 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.

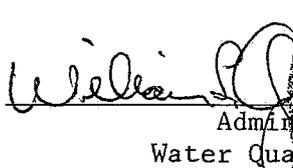
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

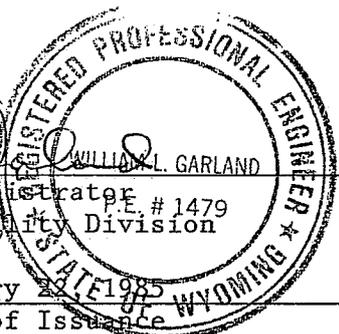
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

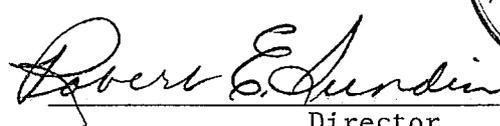
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

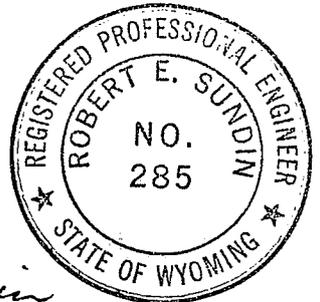
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator, P.E. # 1479  
Water Quality Division  
February 20, 1985  
Date of Issuance



  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality



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

Condition to Permit to Construct #84-431RR

The applicant shall dewater the sedimentation control structures after each precipitation event in order that adequate storage is always available to contain runoff from a subsequent event.

cc: Paul A. Rechar  
Western Water Consultants, Inc.  
410 Grand Ave., Suite 213  
Laramie, WY 82070

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
1111 East Lincolnway  
Cheyenne, Wyoming 82002

PROJECT: Queen Mill No. 1 Sediment Reservoir, Albany Co.

ARCHITECT OR ENGINEER: Paul A. Rechard, Western Water Consultants Inc.  
410 Grand Ave., Suite 213, Laramie, WY 82070

APPLICANT: David L. Ross  
179 E. 8th Ave., Springfield, CO 81073

WATER QUALITY DIVISION REFERENCE NUMBER: 84-431R

REVIEWING ENGINEER: Thomas S. Norman



DATE OF REVIEW: January 2, 1985

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Please designate the approved disposal facility where your process water will be disposed.
2. I do not agree with your explanation of selecting a CN of 70. Your rationale would be appropriate if all the runoff ended up in a centralized pond. However, since you have a segmented 'reservoir' (ditch), each portion of that ditch must contain the runoff from the worst case condition. If the area was all grass meadow or forest there would be no need for sediment control. On the other hand, each sector will be barren and in a poor condition during the mining period and portions of reclamation. Therefore, that section of erosion control will have to be designed for that condition and a curve number of 86 is appropriate.
3. The Department has previously discussed the use of the minimum infiltration factor with the consultant and the Department recognizes its use. The problem with the use of the minimum infiltration factor is that the consultant has stretched the rainfall event over a 24-hour period which is not typical of Wyoming storms. Most storms occur within a 3-6 hour period and the design presented will not contain the runoff from these short-term events.

When the standards require the containment of runoff from a 10 year-24 hour event, it was assumed that all smaller events (10 year-6 hour) would also be contained. Such is not the case in the proposed design.

9-5-84

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
1111 East Lincolnway  
Cheyenne, Wyoming 82002

PROJECT: Queen Mill No. 1 Sediment Reservoir, Albany Co.

ARCHITECT OR ENGINEER: Paul A. Rechar, Western Water Consultants Inc.  
410 Grand Ave., Suite 213, Laramie, WY 82070

APPLICANT: David L. Ross  
179 E. 8th Ave., Springfield, CO 81073

WATER QUALITY DIVISION REFERENCE NUMBER: 84-431

REVIEWING ENGINEER: Thomas S. Norman *TS Norman*

DATE OF REVIEW: August 31, 1984

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. What type of mine is this? Is there any process water and how will it be treated and disposed?
2. What will be done with the groundwater? What will the storage tank be used for?
3. A topographic map of the area is necessary.
4. Sedimentation Reservoir
  - a. The regulations require that sedimentation control facilities be drained down to dead-pool storage as soon as the effluent meets the discharge parameters. This is necessary so that the facility would be ready for the next storm event. Will you use outlet structures or pumps to discharge? If the discharge goes to the creek, a discharge permit is necessary.
  - b. It is not known if the bottom of the sedimentation reservoir is level for the entire 3800 feet or if check dams are installed to contain the water.
  - c. Areas #1 and #2 do not show any containment reservoirs.
  - d. It is not known if the one foot berm between the revegetated and the undisturbed areas is adequate to keep the water (25 year flood) from overflowing onto the revegetated area. It is also not known if the water is routed around the area or how it is disposed of once it enters the berm channel.
  - e. The design report did not provide any documentation for using a CN of 70. The SCS uses curve numbers ranging from 77 to 94 depending on the soil type for fallow ground.
  - f. The value and also the use of the "minimum infiltration factor" was not justified. I cannot find any other sources that use this factor besides

the "Design of Small Dams." All my other sources do not include its use. Since your design volume is 10-20 times less than the standard SCS method, more rationale is necessary. I agree that the SCS method is conservative but not on the order of 10-20 times.

The standard SCS curves were developed from actual watersheds and already include infiltration factors. Also the antecedent moisture condition (AMC) will change as the storm duration lengthens and the normal CN value for an AMC II will probably change to an AMC III. The change in soil moisture conditions will increase runoff with time and not decrease it as you propose.



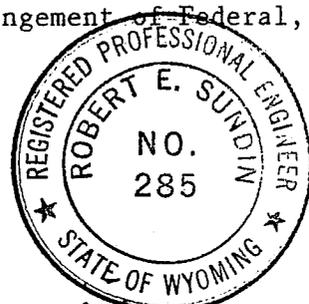
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 2161 Coffeen Avenue, Suite 301, 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:



*William C. Garland*  
WILLIAM C. GARLAND  
Administrative # 1479  
Water Quality Division  
January 11, 1985  
Date of Issuance

*Robert E. Sundin*  
Director  
Dept. of Environmental Quality

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

cc: James S. Willey  
Engineering Inc. of Wyoming  
45 East Loucks, Suite 301  
Sheridan, WY 82801

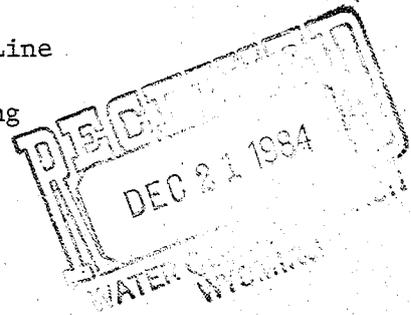
*Norma*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
2161 COFFEEN AVE., SUITE 301  
SHERIDAN, WYOMING 82801

PROJECT: Kaycee Water Transmission Line

ARCHITECT OR ENGINEER: Engineering, Inc. of Wyoming  
Attention: Jim Willey  
45 East Loucks, Suite 301  
Sheridan, Wyoming 82801



WATER QUALITY DIVISION  
REFERENCE NUMBER: 84-432R

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: December 20, 1984

ACTION: Not Authorized

COMMENTS:

- 1.) The specification for disinfecting the tank should include a requirement for bacteriological testing after the disinfection procedure. This will bring the specification into agreement with AWWA D105.
- 2.) Detail 11/21 shows an exhaust fan near the ceiling and an air vent within 18 inches of the floor. Because chlorine gas is heavier than air, their positions should be reversed. I apologize if my previous comment was not clear.
- 3.) What is the capacity of the existing well?
- 4.) I could not contact the appropriate person at the Wyoming Water Development Commission for a copy of the well report. Please provide me with the appropriate information either from the WWDC or Western Water Consultants.
- 5.) A well casing specification and grouting details are needed if they are not included in the well report.

xc: Ed Chase, FmHA  
P.O. Box 820  
Casper, Wyoming 82602

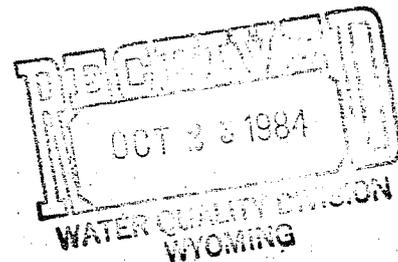
*Norma*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY -  
WATER QUALITY DIVISION  
2161 COFFEEN AVE., SUITE 301  
SHERIDAN, WYOMING 82801

PROJECT: Kaycee Water Transmission Line

ARCHITECT OR ENGINEER: Engineering Inc. of Wyoming  
Attention: Jim Willey  
45 East Loucks, Suite 301  
Sheridan, Wyoming 82801



WATER QUALITY DIVISION  
REFERENCE NUMBER: 84-432

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: October 19, 1984

ACTION: Not Authorized

COMMENTS:

For your reference I have enclosed a draft copy of the new Chapter XII - "Design and Construction Standards for Public Water Supplies".

Transmission Line:

- 1.) Neither Chapter 12 nor the Wyoming Public Works Standards list cast iron or welded steel as approved materials for water lines. I would ask that these materials be eliminated from the specifications unless you desire a specific variance.
- 2.) The specifications call for a manhole with a valve and sampling tap on each side of water crossings (Section 3-C.). However, there is only one manhole with a gate valve shown for the water crossing on sheet 6 of the plans.
- 3.) How will the pressure reducing valve pits be drained? While Section 3-A of the specifications calls for valve pit drainage, sheet 21 of the plans does not include this provision.
- 4.) Aren't pressure gauge fittings needed on both pressure reducing lines in the pits? How will the larger pressure reducing valves be adjusted?

Tank:

- 1.) How will the ends of the tank be sealed to the RCP?
- 2.) A disinfection specification is needed for the tank.
- 3.) The tank does not need an overflow if it is shown there is sufficient overflow capability downstream.

Pump House:

- 1.) Ventilation for the chlorine room should be such that air intakes are near the ceiling and the exhaust vent is within 18 inches of the floor.
- 2.) Chapter 12 calls for a chlorinator capacity sufficient to apply a 10 mg/l dose during maximum flow. The proposed eight pounds of chlorine gas per day will provide a dose of about 2 mg/l. You must verify that this will adequately meet chlorine demand.
- 3.) Overhead access is needed for the well. Please address.

Well:

- 1.) Design information/calculations are needed for the well. Namely, what are the design average and maximum day demands for Kaycee? The total available water sources should have a capacity at least equal to the maximum day demand.

A minimum of two wells, or one well and finished water storage equal to twice the maximum day demand should be provided. Will the current water source continue to be used? If two wells are provided, they should be capable of equaling or exceeding the design average day demand with the largest well out of service.

- 2.) Specific information on source development is needed:

- Results of yield and drawdown tests including pumping rates and duration.
- Well log.
- Water quality analysis including biological, radiological, and chemical quality data to ensure compliance with all drinking water standards.

Review of Plans and Specifications  
Kaycee Water Transmission Line  
October 19, 1984  
Page Three

- 3.) A profile drawing showing construction details of the well is needed. See Section 9 of Chapter 12 for the basic information that should be included. Please note the discharge piping details should include a check valve, shut-off valve, pressure gauge, sampling tap, and a means of pumping to waste. (The check valve should be in the well casing.)
- 4.) Please include other information related to the well:
  - Well disinfection specification.
  - Plumbness and alignment tests.
  - Pump curves.
- 5.) Alternate power is needed if fire flow requirements cannot be supplied by gravity. Is a loss of power alarm provided?
- 6.) The system must have a certified operator and participate in EPA's monitoring program.

Please call me if you have any questions.

xc: Ed Chase, FmHA  
P.O. Box 820  
Casper, WY 82602



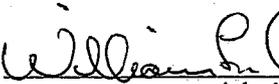
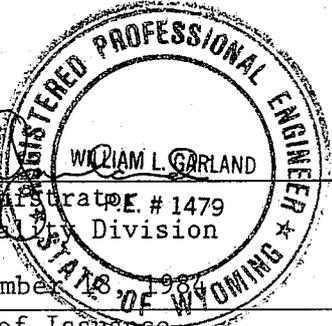
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

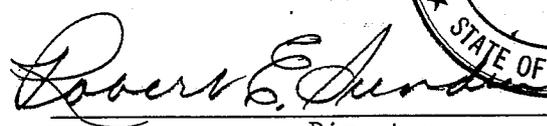
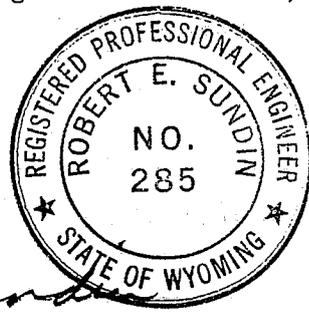
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, 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:

  
  
Administrative # 1479  
Water Quality Division  
September 1984  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

xc: Bruce Nelson  
NERCO Mining Company  
P.O. Box 4000  
Sheridan, WY 82801

REQUEST FOR GROUNDWATER SECTION  
PERMIT APPLICATION REVIEW



APPLICATION NUMBER 84-433 (ref. 82-560)

DATE SUBMITTED FOR REVIEW \_\_\_\_\_

NAME AND LOCATION OF FACILITY Dave Johnston Mine, Sediment Pond SP-24

Modification, Section 16, T.36N., R.75W., Converse County

*rec'd in Cheyenne 8/31/84 nc*

COMMENTS

*No comments. DJM 9/5/84*

*returned to Sheidan  
9-5-84*

Please return your comments to me by \_\_\_\_\_

SIGNED \_\_\_\_\_

DATE \_\_\_\_\_



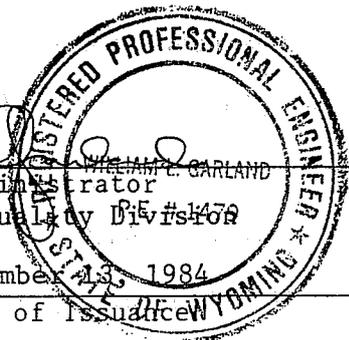
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

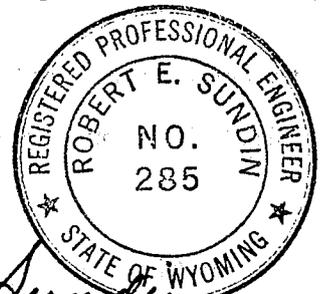
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, 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:

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top and "STATE OF WYOMING" around the bottom. In the center, the name "WILLIAM L. GARLAND" and the number "#1479" are visible. A signature "William L. Garland" is written across the seal.  
\_\_\_\_\_  
Admin. rator  
Water Quality Division #1479  
December 23, 1984  
Date of Issuance

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top and "STATE OF WYOMING" around the bottom. In the center, the name "ROBERT E. SUNDIN" and the number "NO. 285" are visible. A signature "Robert E. Sundin" is written across the seal.  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

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

xc: Robert C. Hartley  
R.C.H. & Associates  
P.O. Box 1659  
Glenrock, WY 82637

*Norma*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
2161 COFFEEN AVE., SUITE 301  
SHERIDAN, WYOMING 82801

PROJECT: West End Water District  
Transmission System

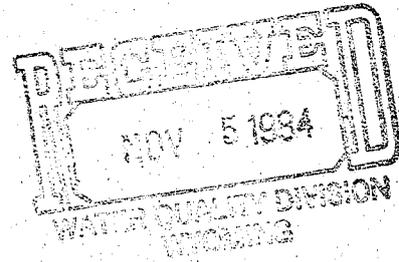
ARCHITECT OR ENGINEER: Robert C. Hartley  
P.O. Box 1659  
Glenrock, Wyoming 82637

WATER QUALITY DIVISION  
REFERENCE NUMBER: 84-434R

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: November 2, 1984

ACTION: Not Authorized



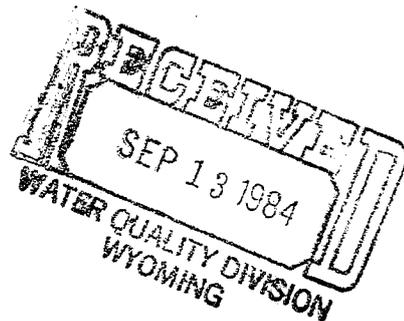
COMMENTS:

I will need some additional information before a Permit to Construct can be issued:

- 1.) Some special provisions are necessary for an artesian well. Namely, unperforated casing should extend into the confining layer overlying the artesian zone and be adequately sealed with grout so as to prevent both surface and subsurface leakage from the artesian zone. Please provide a well profile drawing and/or specifications that include the above provisions. A well disinfection specification should also be included.
- 2.) Some detail is needed for the well house. Please verify that the discharge piping is equipped with a shutoff valve so that flow can be stopped completely, a means of measuring flow, a pressure reducing valve, a pressure gauge, a sampling tap, and a means of pumping to waste.
- 3.) Please provide an analysis of the well water including biological, radiological, and chemical quality data to ensure compliance with drinking water standards. If chlorination of the water is necessary, details of the chlorination system must be provided.
- 4.) A detail drawing and/or specifications for the pressure reducing valves to be placed on the service connections should be provided.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
2161 COFFEEN AVE., SUITE 301  
SHERIDAN, WYOMING 82801



PROJECT: West End Water District Transmission System

ARCHITECT OR ENGINEER: Robert C. Hartley  
P.O. Box 1659  
Glenrock, Wyoming 82637

WATER QUALITY DIVISION  
REFERENCE NUMBER: 84-434

REVIEWING ENGINEER: Tom Mueller

DATE OF REVIEW: September 13, 1984

ACTION: Not Authorized for Construction

COMMENTS:

1. Substantial design information must be submitted before this application can be approved. Notably, the following concerns must be addressed:
  - a) No maximum or average demand figures are provided. Although the well capacity appears adequate, it is not certain that an 8-inch pipeline, several miles in length, can deliver peak (including fire) flows with reasonable pressure differential.
  - b) The profiles indicate that pressures at the high and low elevations of the system will differ by more than 100 psi. This is incompatible with delivery pressures of 35 psi minimum and 100 psi maximum.
  - c) Will the pipe material specified withstand all pressures and surges to be encountered in service?
  - d) To what extent will the mains be extended in the future?
2. Blowoffs appear to be necessary at Sta 55+00 and 120+00.
3. It is recommended that all blowoff and air/vacuum valve locations be shown on the plan views.
4. Are gate valves to be installed at all air/vacuum valve locations?
5. The blowoff detail has been crossed off the drawings. What detail is to be used?
6. A location where chlorine can be applied to the well water must be provided.

9-12

PERMIT TO CONSTRUCT

New

Permit No. 84-435

Renewal

Modified

RONCCO MINE PORTAL SEDIMENTATION POND  
(Name of Facility)

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

Becor, Inc.

4745 Shoshone St.

Denver, CO 80211

to construct, install, or modify a 0.44 acre-feet sedimentation pond

\_\_\_\_\_ facility according to the procedures and conditions of the  
application No. 84-435. The facility is located in \_\_\_\_\_

Section 20, T44N, R95W

\_\_\_\_\_ in the County of Hot Springs,  
in the State of Wyoming. This permit shall be effective for a period of two (2)  
years (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 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 dur-

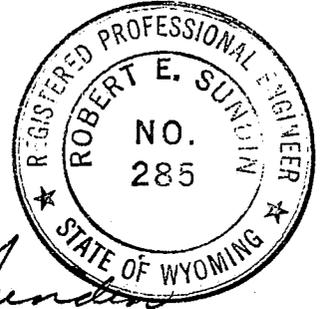
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

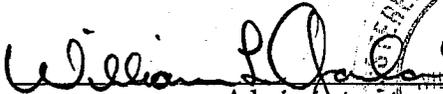
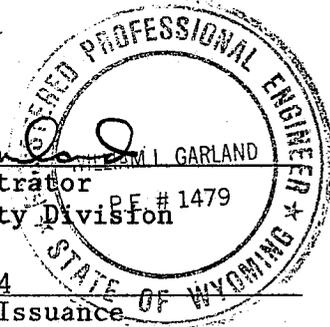
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone, 332-3144.

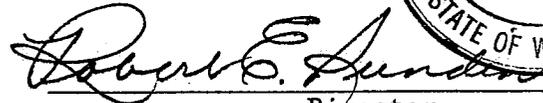
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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:



  
WILLIAM J. GARLAND  
Administrator  
Water Quality Division  
PE # 1479  


  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality

September 6, 1984  
Date of Issuance

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

JH:dcn



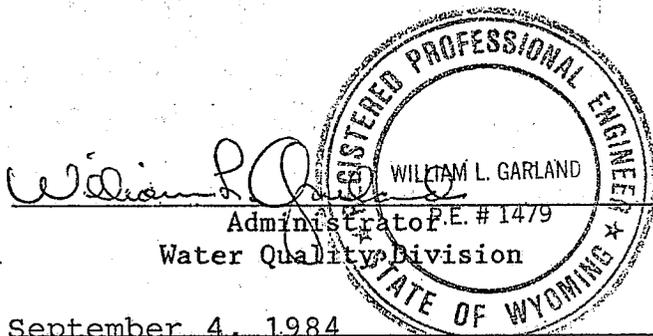
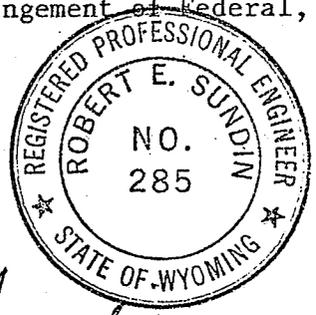
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 210 Lincoln, Lander, Wyoming 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:



*Robert E. Sundin*  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

*William L. Garland*  
\_\_\_\_\_  
Administrator  
Water Quality Division  
September 4, 1984  
Date of Issuance

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

\* CONDITIONS ON PERMIT \*

This permit is issued with the following conditions:

1. The facility is to be used for a temporary basis only, i.e. less than 18 months.
2. The permittee shall notify the representative of the Fremont County Planning Department of the day construction is scheduled to commence and the estimated completion date of this project. Final inspection of the installed system is required before backfilling. The authorized representative in your area can be contacted at the following address:

Ray Price  
Fremont County Planning Department  
Courthouse Building, Room 200  
Lander, Wyoming 82520

JH:dcn



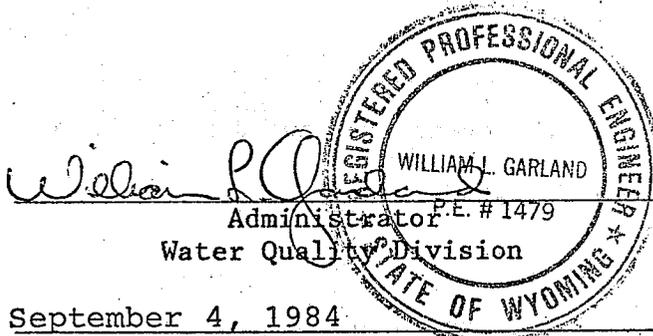
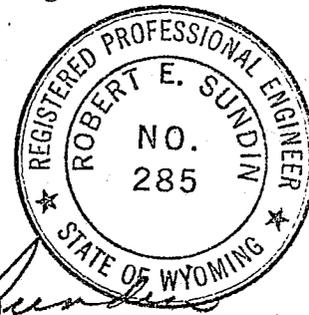
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 210 Lincoln, Lander, Wyoming 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:



*Robert E. Sundin*  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

*William J. Garland*  
\_\_\_\_\_  
Administrator  
Water Quality Division  
September 4, 1984  
\_\_\_\_\_  
Date of Issuance

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

EB:dcn

10-22

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 84-438RR

Deer Mountain Ranch Subdivision - 2nd Filing  
(Name of Facility)

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

Hoback Ranches, Inc.  
P.O. Box 1045  
Evanston, WY 82930

to construct, install, or modify a groundwater source development, storage tank,  
and distribution system to serve 47 lots

facility according to the procedures and conditions of the

application No. 85-438RR. The facility is located in

Sec. 11, T16N, R121W

in the County of Uinta,

in the State of Wyoming. This permit shall be effective for a period of two (2)  
years (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 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 dur-

ing 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.

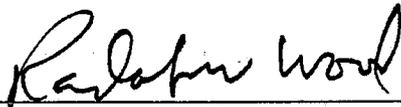
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

  
*William L. Garland*  
Administrator  
Water Quality Division

  
Director  
Dept. of Environmental Quality

October 9, 1985  
Date of Issuance

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

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN  
LANDER, WYOMING 82520  
PHONE: (307) 332-3144

PROJECT: Deer Mountain Ranch Subdivision-2nd Filtration

ENGINEER: Kevin D. Jones  
516 Sage Street  
Evanston, WY 82930

*File*

OWNER: Hoback Ranches, Inc.  
P.O. Box 1045  
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 84-438R

REVIEWING EVALUATOR: Jeff Hermansky

DATE OF REVIEW: September 4, 1985

ACTION: Not authorized.

COMMENTS:

Thank you for addressing the comments I made in my October 17, 1984 review of the proposed expansion of the Deer Mountain Ranch Subdivision.

Your response has addressed all my comments satisfactorily except for the storage volume required. Chapter 12, Section 13 (a)(i)(A) states: "Water systems serving less than 50,000 gallons on the design average daily demand shall provide clearwell and system storage capacity equal to the average daily demand." Chapter 12 defines "average daily demand" as the total annual water use divided by the number of days the system was in operation. For Deer Mountain the average daily demand appears to be about 400 gallons per lot per day. Therefore, 93 lots will require 37,200 gallons of storage. Since the existing storage tank is only 18,600 gallons, additional storage must be included before a permit to construct can be issued.

Please submit the necessary plans and specifications for the additional storage tank. Feel free to contact either Jack Bedessem, Bill Locke or me if you have any questions.

JH/jw

*C*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN  
LANDER, WYOMING 82520  
PHONE: (307) 332-3144

PROJECT: Deer Mountain Ranch Subdivision - 2nd Filing

ENGINEER: Kevin D. Jones  
516 Sage St.  
Evanston, WY 82930

OWNER: Hoback Ranches, Inc.  
P. O. Box 1045  
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: #84-438

REVIEWING EVALUATOR: Jeff Hermansky

DATE OF REVIEW: October 17, 1984



ACTION: Not authorized.

COMMENTS: The following questions and comments need to be addressed before a Permit to Construct can be issued:

1. The Ten States Standards require that the minimum water storage capacity (or equivalent capacity) for systems not providing fire protection shall be equal to the average daily consumption. This requirement may be reduced when the source has sufficient capacity with standby power capability to supplement peak demands of the system.

It appears that the proposed system will not be able to meet this requirement.

2. The pipeline curves at about station 30+30 Line DMW-A and Line DMW-F near lots 39 and 40 appear to be too small a radius to be accommodated by bending the pipes at the joints. Does the manufacturer recommend bending the proposed pipe? If so, to what extent?

If not, fittings will be required for these bends.

3. The actual output of the well must be determined before we can consider it as a known water source. Supply the well completion data.

4. I would strongly recommend using a more durable material than PVC for connection to the curb stops. If not, at least specify a concrete pad for the fittings to rest on. This area can be easily damaged by surface thrust passing down through the curb box.

ABC

Review of Plans and Specifications

Deer Mountain Ranch Subdivision - 2nd Filing #84-438

October 17, 1984

Page Two

5. The well valve pit needs to be protected from frost to prevent the freezing of the water line, meter, and valves.

6. Please submit 3 copies of the final set of plans and specifications.

Please contact either Jack Bedessem or me to discuss this review.

JH:dcn

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 84-439R

ROCK SPRINGS HIGH SCHOOL ADDITION  
(Name of Facility)

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

Sweetwater County School District No. 1  
P. O. Box 1089  
Rock Springs, WY 82901

to construct, install, or modify a water supply line and sewage collection system  
for addition and modification

\_\_\_\_\_ facility according to the procedures and conditions of the  
application No. 84-439R. The facility is located in \_\_\_\_\_  
Section 25, T19N, R105W

\_\_\_\_\_ in the County of Sweetwater,

in the State of Wyoming. This permit shall be effective for a period of two (2)  
years (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 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 dur-

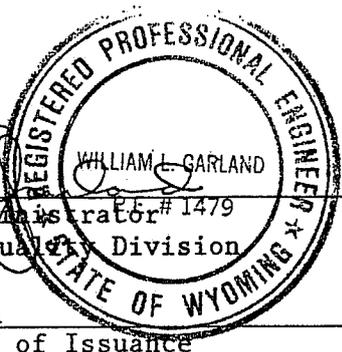
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

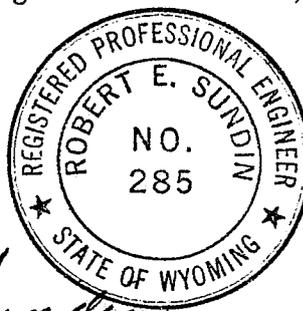
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top edge, "STATE OF WYOMING" around the bottom edge, and "WILLIAM L. GARLAND" in the center. Below the seal, the name "William L. Garland" is handwritten in cursive. Underneath the name, the text "Administrator # 1479" and "Water Quality Division" is printed.  
WILLIAM L. GARLAND  
Administrator # 1479  
Water Quality Division  
November 1, 1984  
Date of Issuance

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top edge, "STATE OF WYOMING" around the bottom edge, and "ROBERT E. SUNDIN" in the center. Below the seal, the name "Robert E. Sundin" is handwritten in cursive. Underneath the name, the text "Director" and "Dept. of Environmental Quality" is printed.  
NO. 285  
Director  
Dept. of Environmental Quality

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

JH:dcn

MEMORANDUM

TO: Plans #84-439  
FROM: Jeff Hermansky *Jeff*  
DATE: October 3, 1984  
SUBJECT: Phone Review

On October 3, 1984 I spoke with Mark Shively of Banner Associates to conduct a review of the water and sewer plans for the Rock Springs High School Addition.

I made the following comments to Mark:

1. The items that I listed in my 9/21/84 review of the White Mountain Jr. High Addition also apply to Rock Springs High, i.e. application needs to be signed by the School District, ASTM D 3033 is not an approved pipe for sewer, need sewer infiltration/exfiltration specs, list Blue Brute as AWWA C-900 with the class, and that the specs are too vague on ells, tees, wyes, couplings and water line hydrostatic testing.
2. Please detail or describe what molded spaces are (Note 16, p. C-2).
3. I mentioned that note 23 and the water lines shown on plan don't agree. Plans show 2-8" water lines connecting to existing 10" main while note shows an eight and a six inch connection to main.

JH:dcn

ABC

11-1

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 84-440R

WHITE MOUNTAIN JUNIOR HIGH SCHOOL ADDITION  
(Name of Facility)

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

Sweetwater County School District No. 1  
P.O. Box 1089  
Rock Springs, WY 82901

to construct, install, or modify a water supply line and sewage collection system  
for addition and modifications to existing building

\_\_\_\_\_ facility according to the procedures and conditions of the  
application No. 84-440R. The facility is located in \_\_\_\_\_

Section 33, T19N, R105W

\_\_\_\_\_ in the County of Sweetwater,

in the State of Wyoming. This permit shall be effective for a period of two (2)  
years (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 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 dur-

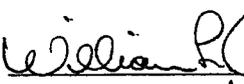
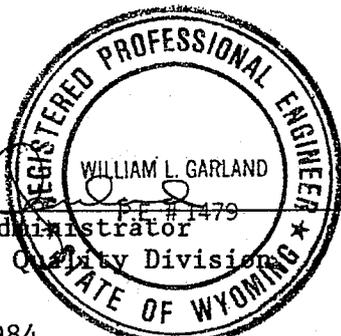
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

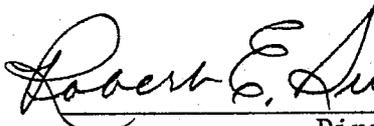
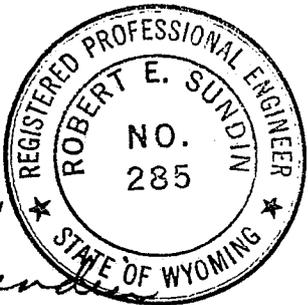
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

  
  
WILLIAM L. GARLAND  
PE #1479  
Administrator  
Water Quality Division  
STATE OF WYOMING

  
  
ROBERT E. SUNDIN  
NO. 285  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING  
Director  
Dept. of Environmental Quality

October 24, 1984  
Date of Issuance

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

JH:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: White Mountain Junior High School Addition

ENGINEER: Duane R. Houchin  
Banner Associates, Inc.  
P. O. Box 550  
Laramie, WY 82070

OWNER: Sweetwater County School District No. 1  
P. O. Box 1089  
Rock Springs, Wyoming 82901

WATER QUALITY DIVISION REFERENCE NUMBER: #84-440

REVIEWING EVALUATOR: Jeff Hermansky *JH, AB*

DATE OF REVIEW: September 21, 1984

ACTION: Not authorized.

COMMENTS: The following questions and comments need to be addressed before a Permit to Construct can be issued:

1. The application form must be signed by an authorized representative of Sweetwater County School District No. 1.
2. All locations of bends, tees, wyes, connections, etc. should be called out on the plan sheet.
3. ASTM D 3033 PVC is not an approved sewer pipe. Please delete this pipe from the specifications.
4. You need to include a sewer line infiltration/exfiltration test specification.
5. The Blue Brute water pipe should be listed as AWWA C-900. Include the class pipe, i.e. 100, 150 or 200, you propose to use.
6. Your specifications are too vague on specifying ells, tees, wyes, couplings, etc. and the water line hydrostatic testing procedure. Please clarify.

You can find all the necessary specifications for this project in the Wyoming Public Works Standards. These can be cited in their entirety with specific materials, methods and procedures referenced.

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

JH:dcn

*ABC*



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

June 3, 1986

Celeron Oil & Gas Company  
7800 East Union Parkway  
Tower II, Suite 500  
Denver, CO 80237

To whom it may concern:

Your statewide permit number 84-441R, for small wastewater facilities, contains a condition requiring the notification of the Department of Environmental Quality prior to the installation or abandonment of facilities authorized by the permit. Very few of these facilities are being reported. Since the permit was issued permitting authority for small wastewater facilities has been delegated to several counties.

The counties have agreed to use the statewide permit provided that they are properly notified. If the statewide permitting process is not responsive to the needs of the counties the state will not be able to issue statewide permits and it would be necessary to obtain permits from the individual delegated counties.

In order to address this problem you are requested to do the following:

1. Provide this office a list and location of all facilities constructed under your statewide permit.
2. Indicate the present status of each facility, i.e., operational or abandoned.
3. Indicate whether or not you wish to maintain the statewide permit in an active status.
4. Provide the required notification to both the county or state agency on all future projects. A county by county list of agencies responsible for small wastewater facilities is enclosed.

Sincerely yours,

Lawrence Robinson  
Engineering Supervisor

LR/nc

Enclosure



*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

May 16, 1986

Celeron Oil & Gas Company  
7800 East Union Parkway  
Denver, CO 80232

To whom it may concern:

Your statewide permit number 84-441R, for small wastewater facilities, contains a condition requiring the notification of the Department of Environmental Quality prior to the installation or abandonment of facilities authorized by the permit. Very few of these facilities are being reported. Since the permit was issued permitting authority for small wastewater facilities has been delegated to several counties.

The counties have agreed to use the statewide permit provided that they are properly notified. If the statewide permitting process is not responsive to the needs of the counties the state will not be able to issue statewide permits and it would be necessary to obtain permits from the individual delegated counties.

In order to address this problem you are requested to do the following:

1. Provide this office a list and location of all facilities constructed under your statewide permit.
2. Indicate the present status of each facility, i.e., operational or abandoned.
3. Indicate whether or not you wish to maintain the statewide permit in an active status.
4. Provide the required notification to both the county or state agency on all future projects. A county by county list of agencies responsible for small wastewater facilities is enclosed.

Sincerely yours,

A handwritten signature in cursive script that reads "Lawrence Robinson".

Lawrence Robinson  
Engineering Supervisor

LR/nc

Enclosure

File Celeron statewide  
84-441R

# CELERON OIL AND GAS COMPANY

7800 E. Union Parkway  
Tower II, Suite 500  
Denver, Colorado 80237  
303/694-0919

**RECEIVED**  
JUL 31 1985  
WATER QUALITY DIVISION  
WYOMING

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
Water Quality Division  
210 Lincoln  
Lander, WY 82520

Re: Notification Form  
CELERON - Holding Tanks for  
Drilling Location

Gentlemen:

CELERON Oil and Gas Company wishes to notify you of the following planned project:

STATE PERMIT NUMBER 84-441R  
WELL NAME Beamers Bluff Federal #22-32  
LOCATION 1788' ENL, 2067' FWL, Section 32, T33N, R114W  
Sublette County, Wyoming  
APPROXIMATE DATE OF START OF USE 9/1/85  
APPROXIMATE DATE OF END OF USE 12/31/85  
NUMBER OF TRAILERS TO BE SERVED 4 (maximum)  
CONTRACTOR (HAUL SEWAGE) Persh's Water Service  
Big Piney, WY  
SEWAGE DISPOSAL SITE Town of Marbleton Sewage System

If any additional information is required, please contact the undersigned at the letterhead address.

Yours very truly,

J.W. Leonard  
Drilling Superintendent

PERMIT TO CONSTRUCT

New

Permit No. 84-441R

Renewal

\* CONDITIONS ON PERMIT \*

Modified

CELERON HOLDING TANKS FOR LOCATIONS

(Name of Facility)

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

Celeron Oil & Gas Company

7800 East Union Parkway

Denver, CO 80237

to construct, install, or modify ~~or~~ holding tanks plus chemical toilet

or privy for drilling locations

facility according to the procedures and conditions of the

application No. 84-441R. The facility is located in \_\_\_\_\_

Statewide

~~in the County of~~ \_\_\_\_\_,

in the State of Wyoming. This permit shall be effective for a period of two (2)

years (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 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 dur-

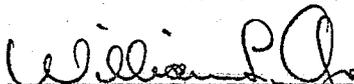
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

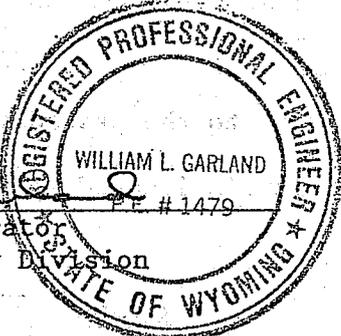
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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.

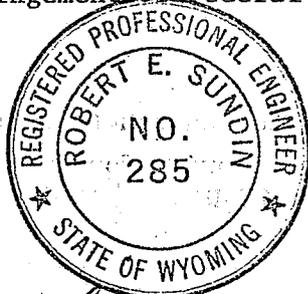
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
Administrator  
Water Quality Division



  
Director  
Dept. of Environmental Quality



October 22, 1984

Date of Issuance

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

\* CONDITIONS ON PERMIT \*

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

1. The permittee shall notify the appropriate Department of Environmental Quality; Water Quality Division office before any system is installed. The permittee shall use the notification form included in the application for this permit.
2. The facilities authorized by this permit are temporary and must be removed within one year of installation.

JH:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN  
LANDER, WYOMING 82520  
PHONE: (307) 332-3144

PROJECT: Celeron-Holding Tanks for Locations

ENGINEER: Rio Verde Engineering  
P. O. Box 67  
Pinedale, WY 82941  
Attention: Phillip Essington

OWNER: Celeron Oil and Gas Co.  
7800 East Union Parkway  
Denver, Colorado 80237  
Attention: Bill Claxston

WATER QUALITY DIVISION REFERENCE NUMBER: #84-441

REVIEWING EVALUATOR: Jeff Hermansky *JH WJS*

DATE OF REVIEW: September 21, 1984

ACTION: Not authorized.

COMMENTS: The following comments need to be addressed before a Permit to Construct can be issued:

1. The application form must be signed by a representative of Celeron Oil & Gas Co.
2. The plans need to be signed by the engineer.
3. The holding tank must have a 6" pumpout riser that extends to the ground surface and is capped.
4. The holding tank must be provided with a two inch minimum diameter vent ending in a return elbow above final grade. The vent could be incorporated in the pump out riser.
5. I would suggest that you design a notification form for Celeron to use each time they wish to cite this statewide permit for one of these locations.

Such a notification form should include name, statewide permit number, legal description of location, approximate dates of start of use and removal of system, number of people/trailers to be served, name of contractor who will haul sewage, location for sewage disposal, and any other pertinent information.

Please copy the enclosed application form and use it for this and any future permit applications.

Feel free to contact me if you have any questions.

JH:dcn

*ABC*

THE STATE



OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

September 17, 1984

Phil Essington  
Rio Verde Engineering  
P. O. Box 67  
Pinedale, WY 82941

RE: Celeron - Statewide Holding Tank  
Permit #84-441

Dear Phil:

As you know, the referenced "Permit to Construct" has not yet been authorized. I anticipate review of Application for "Permit to Construct" No. 84-441 will be completed by the end of September, 1984.

In reference to your September 4, 1984 submittal concerning the disposal of holding tank pumpings, the Daniels Trailer Court wastewater treatment facility is not acceptable. The facility presently consists of a small single cell discharging lagoon. The disposal of holding tank pumpings (extremely high BOD<sub>5</sub> concentrations) could easily upset the lagoon's biological environment, resulting in a poor quality effluent.

An alternative disposal location needs to be determined. Please feel free to contact me with additional questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jack Bedessem".

Jack Bedessem  
Area III Supervisor

JB:dcn

cc: Cheyenne DEQ/WQD ✓  
Bill Claxton - Celeron Oil and Gas  
Robert Daniel - Daniels Trailer Court  
Janet Montgomery - Sublette County  
File (3)



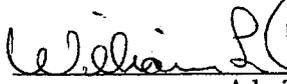
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 210 Lincoln, Lander, Wyoming 82520; telephone, 332-3144.

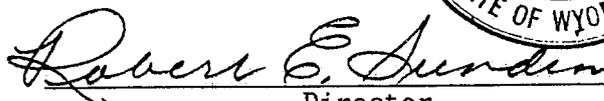
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

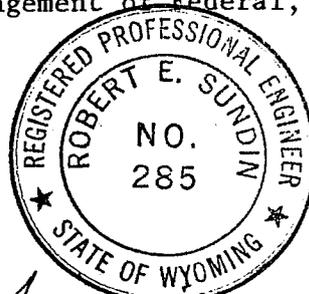
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
STATE OF WYOMING



  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality



October 31, 1984

Date of Issuance

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

\* CONDITION ON PERMIT \*

This permit is issued with the requirement that the following condition be met:

The permittee shall notify the Sweetwater County Sanitarian of the day construction is scheduled to commence and the estimated completion date of the project. Final inspection of the installed system is required prior to backfilling.

The Sweetwater County Sanitarian is:

Al Emden  
205 East Railroad Avenue  
Green River, WY 82935

or call 875-2115.

JH:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Farson Branch, Rock Springs, Wyoming L.D.S. Church

ENGINEER: None selected Plans submitted by: Frederick H. Peck, Architect  
2117 East 2100 South  
Salt Lake City, Utah 84109

OWNER: Farson Branch, Rock Springs, Wyoming Stake  
L.D.S. Church  
Farson, Wyoming 82932

WATER QUALITY DIVISION REFERENCE NUMBER: #84-442

REVIEWING EVALUATOR: Jeff Hermansky



DATE OF REVIEW: September 19, 1984

ACTION: Not authorized.

COMMENTS: The following questions and comments must be addressed before a Permit to Construct can be issued:

1. The plans for the proposed wastewater disposal facility must be signed by a professional engineer who is licensed to practice in Wyoming.
2. Please complete the enclosed application form and have it signed by an authorized representative of the Farson L.D.S. Church.
3. Please submit a detail of the proposed septic tank. Most tank manufacturers have detail sheets that they supply to their customers.
4. What is the slope of the sewer lines? A minimum of  $\frac{1}{4}$ " per foot is recommended for the lines from the building to tank and tank to field. The field pipe should be nearly level. Show pipe invert elevations.
5. Table No. 1 of your application submittal lists the data from two trenches that were dug on site to determine the subsurface conditions. Although these trenches were not directly on the site of the proposed leach field, the uniformity of the site as indicated by Bennett-Carder & Associates, would lead me to believe that similar conditions may exist at the leach field site.

ABC

Review of Plans and Specifications  
Farson Branch L.D.S. Church #84-442  
September 19, 1984  
Page Two

I am concerned with the "sandstone; weathered orange, very clayey, micaceous", that is about 6 feet below the surface. Is this layer impermeable and is it in fact under the proposed leach field? If so, the field will have to be elevated to provide at least four feet separation between the bottom of the leach gravel and the sandstone.

Please clarify this concern.

6. The septic tank inlet and outlet pipes must be either cast iron or schedule 40 PVC. Which material is to be used?

Feel free to contact me if you have any questions.

JH:dcn

Enclosure

9-18-84

PERMIT TO CONSTRUCT

Permit No. 84-443R

New

Renewal

Modified

Torrington's Water Telemetry Control System  
(Name of Facility)

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

Town of Torrington

P.O. Box 250

Torrington, WY 82240

to construct, install, or modify a telemetry control system for municipal water wells, booster pumps and storage tanks facility according to the procedures and conditions of the application No. 84-443R. The facility is located in Sections 3, 4, 9, 10, 11, 16, T24N, R61W in the County of Goshen, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 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.

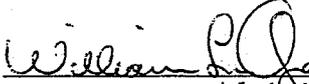
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

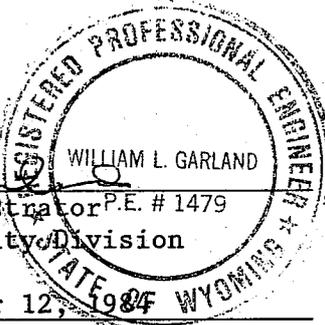
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

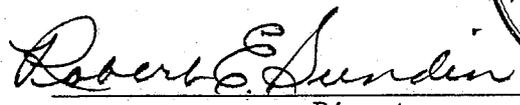
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

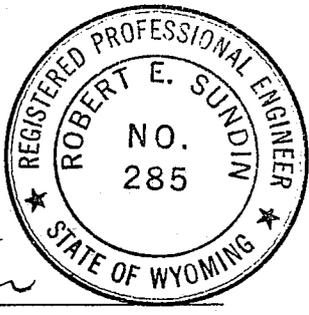
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
September 12, 1984  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

cc: John T. Baker  
Baker, Sweeney & Associates  
1915 First Avenue  
Scottsbluff, NE 69361

9-6-84

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
1111 East Lincolnway  
Cheyenne, Wyoming 82002

PROJECT: Torrington's Control & Telemetry of Water Supply & Distribution System,  
Goshen Co.

ARCHITECT OR ENGINEER: John T. Baker, Baker, Sweeney & Assoc.  
1915 1st Ave., Scottsbluff, NE 69361

APPLICANT: Town of Torrington  
P.O. Box 250, Torrington, WY 82240

WATER QUALITY DIVISION REFERENCE NUMBER: 84-443

REVIEWING ENGINEER: Thomas S. Norman *T.S. Norman*

DATE OF REVIEW: September 5, 1984

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. An application form was not provided.
2. An additional set of plans and specifications is needed.

9-17-84

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 84-444R  
SEE SPECIAL CONDITIONS

Cheyenne Boat & Ski Club  
(Name of Facility)

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

Cheyenne Boat & Ski Club

c/o Ron Brown

3427 Arrow Head

Cheyenne, WY 82001

to construct, install, or modify a septic tank/soil absorption system for a recreational vehicle dump facility according to the procedures and conditions of the application No. 84-444R. The facility is located in SE NW Section 5, T23N, R68W in the County of Platte, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 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.

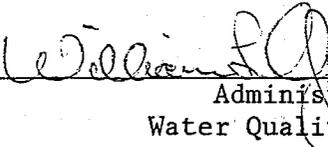
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

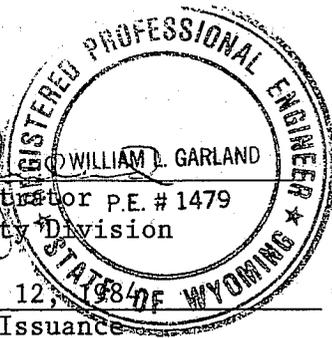
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

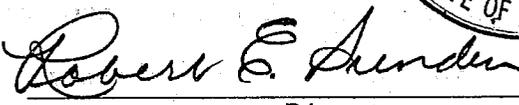
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

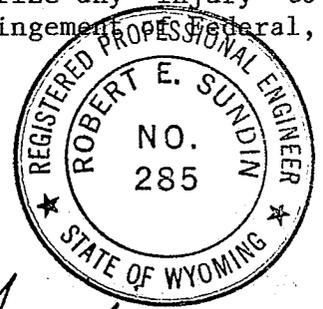
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
September 12, 1984  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

Conditions to Permit to Construct

1. No chemical or biological additives shall be discharged into this septic system that may be adversely affect the operation of the septic system or that may adversely impact the quality of groundwater.
2. The permittee shall notify the Platte County Sanitarian of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling. The authorized representative in your area can be contacted at the following address:

Harold D. Anderson, Platte Co. Sanitarian, P.O. Box 1192, Torrington, WY 82240  
Telephone: 532-5002

cc: James D. Voeller, AVI, 1700 Westland Road, Cheyenne, WY 82001

9-7-84

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
1111 East Lincolnway  
Cheyenne, Wyoming 82002

PROJECT: Cheyenne Boat and Ski Club, Platte Co.

ARCHITECT OR ENGINEER: James D. Voeller, AVI  
1700 Westland Road, Cheyenne, WY 82001

APPLICANT: Cheyenne Boat And Ski Club, c/o Ron Brown  
3427 Arrow Head, Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 84-444

REVIEWING ENGINEER: Thomas S. Norman *TS Norman*

DATE OF REVIEW: September 6, 1984

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Three copies of all submittals are required.
2. Design information was not submitted showing the basis for the flow quantities, type of wastewater, sources of wastewater, etc.
3. Subsurface information regarding groundwater and bedrock was not submitted.
4. What is meant by "dump" on the plans? Is this an unloading place for R.V.'s?



*Kawa*  
RECEIVED  
DEC 18 1985  
ED HERSCHLER  
GOVERNOR

Department of Environmental Quality  
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

December 18, 1985

C. E. Spurlock, Jr.  
C. E. Spurlock, Jr. and Assoc. Inc.  
P. O. Box 0  
Lander, WY 82520

Dear Mr. Spurlock:

We have received your response that the holding tank project has been cancelled. Your application, No. 84-445, is being returned since the applicant does not wish to proceed with the permit to construct process.

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

Sincerely,

William L. Garland  
Administrator

WLG/BL/jw

howa



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

# Department of Environmental Quality

## Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 6, 1985

CERTIFIED P 399 271 395

C.E. Spurlock, Jr.  
C.E. Spurlock, Jr. & Assoc., Inc.  
P.O. Box 0  
Lander, WY 82520

Dear Mr. Spurlock:

Our records indicate that the application for a permit to construct by your client has not been resubmitted to this office for review and authorization. The specific information for this proposed project are:

Facility Name:	<u>City of Lander - Hillcrest Drive</u>
DEQ/WQD Reference Number:	<u>84-445</u>
Engineering Consultant:	<u>C.E. Spurlock, Jr. &amp; Assoc., Inc.</u>
DEQ/WQD Review Engineer:	<u>Steve Gerber</u>
Date of DEQ/WQD Review:	<u>September 10, 1984</u>

Please indicate below the status of your application and return this form to our office.

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within thirty (30) days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within thirty (30) days.
- Other Remarks: \_\_\_\_\_

You are reminded that the construction, installation, or modification of any sewage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes, and is punishable with a fine not to exceed \$10,000 for each day of violation. Unless the Water Quality Division review engineer receives information concerning the status of this project within fifteen (15) days of the receipt of this letter, follow-up action will be taken.

Sincerely,



Steven P. Gerber, P.E.  
Water Quality Engineer

SG/jw

TELEPHONE REVIEW

TO: File #84-445

FROM: Ed Baruth

*Jeff Kennedy for Ed*

DATE: September 10, 1984

SUBJECT: Review

I talked with Mr. Willard Aten of C. E. Spurlock, Jr. and Associates, Inc. and gave him the following comments:

1. Please submit an Application for Permit to Construct form.
2. Please provide water pressure information.

EB:dan

*ABC*



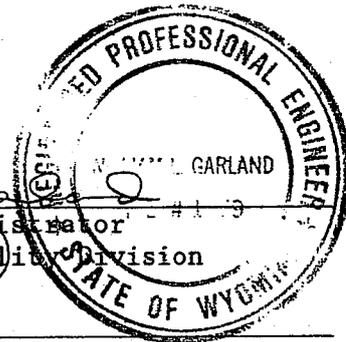
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

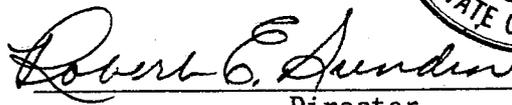
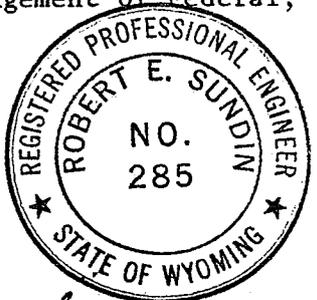
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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  


October 25, 1984  
Date of Issuance

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

JB:dcn



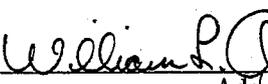
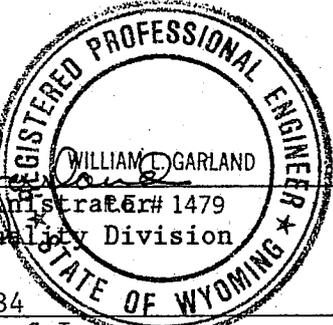
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

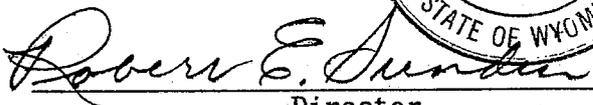
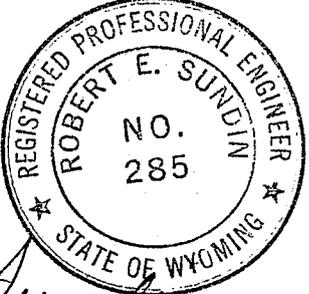
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 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:

  
WILLIAM D. GARLAND  
Administrator # 1479  
Water Quality Division  
  
September 21, 1984  
Date of Issuance

  
Director  
Dept. of Environmental Quality  


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

\* CONDITION ON PERMIT \*

This Permit is issued with the requirement that the permittee shall notify the Uinta County Sanitarian of the day construction is scheduled to commence and the estimated completion date of this project. Final inspection of the installed system is required before backfilling.

The authorized representative in Uinta County is:

William Cates  
Uinta County Sanitarian  
P. O. Box 895  
Evanston, Wyoming 82930

or call 789-9387.

JH:dcn

PERMIT TO CONSTRUCT

10-2-84

- New
- Renewal
- Modified

Permit No. 84-448

ANDERSON HOMEOWNER'S ASSOCIATION  
 WATER DISTRICT SYSTEM IMPROVEMENTS  
 \_\_\_\_\_  
 (Name of Facility)

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

Anderson Homeowner's Association  
 \_\_\_\_\_  
P.O. Box 1014  
 \_\_\_\_\_  
Gillette, Wyoming 82716  
 \_\_\_\_\_

to construct, install, or modify a water supply system improvements

\_\_\_\_\_ facility according to the procedures and conditions of the  
 application No. 84-448. The facility is located in Sec. 23, T.50N., R.72W.

\_\_\_\_\_ in the County of Campbell,  
 in the State of Wyoming. This permit shall be effective for a period of two (2)  
 years (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 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

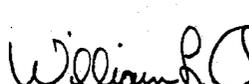
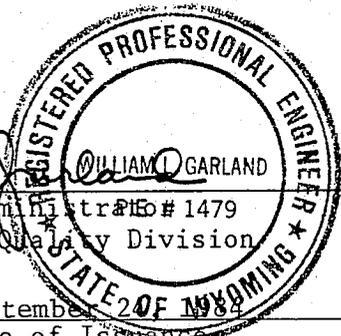
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

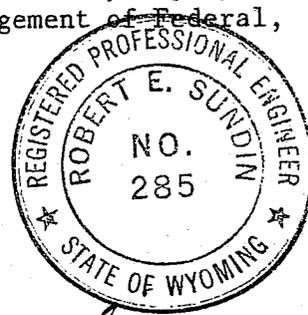
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, 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:

  
  
WILLIAM D. GARLAND  
Administrative # 1479  
Water Quality Division  
September 20, 1984  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

xc: McDill Engineering  
400 W. Boxelder Road  
Gillette, WY 82716

DEPARTMENT OF ENVIRONMENTAL QUALITY

STATE OF WYOMING

GROUNDWATER POLLUTION CONTROL PERMIT  
AUTHORIZATION TO DISCHARGE INTO UNDERGROUND RECEIVERS  
(Permit to Inject)

(X ) New

Permit Number:

( ) Modified

GPC 84-449R  
UIC Class V

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),

Casper Texaco Refinery  
William E. Rickart, Plant Supervisor  
P.O. Box 307  
Evansville, WY 82636

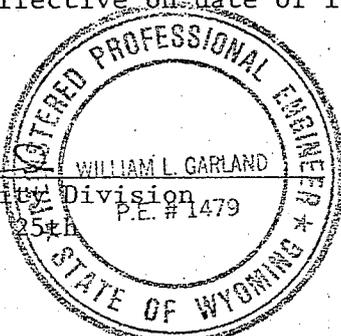
is authorized to operate

a system of recharge wells designed to dispose of groundwater collected from the hydrocarbon recovery system which has been installed in the alluvial aquifer beneath the Casper Texaco Refinery located in the NE1/4 Section 1, T33N, R79W, and the NW1/4 Section 6, T33N, R78W in Natrona County. The permitted wells include those specified in the original permit application (GPC 84-449) and in subsequent correspondence (GPC 84-449R). Additional recharge wells may be installed if prior approval has been obtained from the Administrator of the Water Quality Division.

according to procedures and conditions of the application GPC84-449R and requirements and other conditions of this permit.

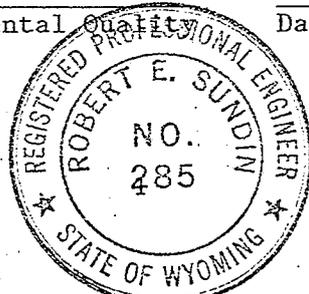
This permit shall become effective on date of issuance.

*William L. Garland*  
Administrator - Water Quality Division  
Herschler Building, 122 W. 25th  
Cheyenne, WY 82002  
Phone: (307) 777-7781



*November 5, 1984*  
Date

*Robert E. Sundin*  
Director - Department of Environmental Quality  
Herschler Building, 122 W. 25th  
Cheyenne, WY 82002



*Nov. 5, 1984*  
Date

A. Discharge (Injection) Zone and Area of Review

The discharge zone is located within the unconfined alluvial aquifer overlying the unnamed middle member of the Mesa Verde Formation described in the permit application and is designated by the recharge wells and the screened intervals described in the permit application and subsequent correspondence.

The area of review extends throughout the portion of the formation which may be affected by the discharge and at a minimum within a radius of 1/4 mile of each of the recharge wells.

B. Groundwater Classification

Based on water quality data provided with the permit application, the ambient quality of groundwater in the alluvial aquifer is suitable for livestock purposes. Concentrations of Boron, Sulfate and Total Dissolved Solids exceed the Domestic and Agricultural Class Limits. Records of the State Engineer's Office, however, show two domestic wells (permit numbers 25090, 32001) located in the SE1/4 Section 6, T33N, R79W. Therefore groundwater in the alluvial aquifer is classified as Class I, since it has been appropriated for domestic use.

C. Authorized Operations

The permittee is authorized to recharge groundwater pumped from the alluvial aquifer via hydrocarbon recovery wells, back into the alluvial aquifer under atmospheric pressure through a series of identified recharge wells as a miscellaneous discharge to underground water.

Groundwater will be distributed to the recharge wells under atmospheric pressure as specified in the permit application.

The permittee shall not exceed the maximum recharge rate specified for each recharge well without prior written approval of the Administrator of the Water Quality Division.

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 this 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 three (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:

The permittee will keep operating records for the recovery wells and the recharge wells. These records will include the operative information specified in Water Quality permit 83-157R.

Water quality samples will be analyzed quarterly from the operating recovery wells. All monitoring wells on site will be monitored monthly to determine fluid migration within the alluvial aquifer. Quarterly reports will be submitted to the Water Quality Division. The reports will include the specified operating records, water quality data collected from the operating recovery wells, and data collected from all monitor wells located on site sufficient to determine fluid migration within the alluvial aquifer.

G. Requirements for Monitoring the Discharge

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

These requirements are not applicable.

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 three (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 elsewhere in the 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 five (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 five (5) years after completion of any specified plugging and abandonment 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, and
  - 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 thirteen (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 thirty (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 thirty (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 five (5) years, and may be reviewed more frequently.

A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit 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 ten (10) years by the Administrator.

The requirement for public notice is not applicable.

#### K. Mechanical Integrity

Each discharge well and associated discharge facilities is required to have mechanical integrity which demonstrates the unimpaired condition of the well and facilities. The approved procedures for demonstrating the mechanical integrity for the well and facilities handling the discharge authorized by this permit consist of:

Visual inspection to verify that the wells have been completed according to the specifications included in the permit application and associated correspondence.

The operation (discharge) of any well or system will terminate immediately if mechanical integrity of the well or system fails and/or a leak or unauthorized fluid movement occurs. The discharge shall be discontinued until mechanical integrity has been restored and permission to continue the discharge has been obtained from the Administrator.

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.

#### 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:

Plugging and abandonment procedures will be implemented upon the discontinuance of each particular well or upon the termination of the useful operation of a well.

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

The permittee is required to maintain financial responsibility and resources in form approved by the Director, to close, plug and abandon the discharge operation in a manner prescribed by the Director.

Not applicable.

O. Special measures the Director finds necessary:

In the event of unauthorized movement of recharge water, the permittee will take immediate corrective action.

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 or 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.



*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

April 9, 1985

Mr. W. E. Rickart  
Plant Supervisor  
Texaco Refining and Marketing, Inc.  
P.O. Box 307  
Evansville, WY 82636

RE: GPC 84-449R

Dear Mr. Rickart:

Enclosed is the authorization to transfer responsibility for permit GPC 84-449R for the recharge wells associated with the oil recovery system at the Evansville, Wyoming refinery from Texaco Inc. to Texaco Refining and Marketing, Inc.

In reference to your recent letter to Tony Mancini, the meeting that you have proposed for May 1, 1985 at 9:30 A.M. is acceptable to the Wyoming Department of Environmental Quality, Water Quality Division. We are preparing a list of questions concerning the various reports that have been submitted by Texaco recently. I hope to send you a letter containing those questions by April 16, 1985.

Thank you for your timely attention to these matters.

Sincerely,

*Katherine J. Laudon*

Katherine J. Laudon  
Groundwater Engineering Evaluator

KJL/nc  
Enclosures

cc: A. J. Mancini, DEQ/WQD, Cheyenne  
LeRoy Feusner, DEQ/WQD, Cheyenne

STATE OF WYOMING  
DEPARTMENT OF ENVIRONMENTAL QUALITY/WATER QUALITY DIVISION

Groundwater Pollution Control Permit

APPROVAL FOR TRANSFER OF RESPONSIBILITY

Reference GPC \_\_\_\_\_

TO: Texaco Refining and Marketing Inc. and Texaco, Inc.

P.O. Box 307

P.O. Box 307

Evansville, WY 82636

Evansville, WY 82636

(new/present owner/operator)

(former owner/operator)

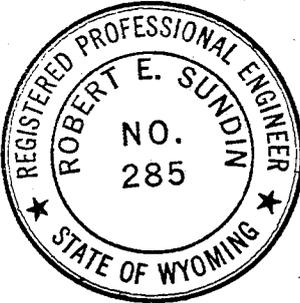
The transfer of the operation and all associated responsibilities of GPC 84-449R, for a system of recharge wells designed to dispose of groundwater collected from the hydrocarbon recovery system beneath the Texaco refinery located in the NE1/4 Section 1, T33N, R79W and Section 6, T33N, R78W in Natrona County is approved, effective April 1, 1985).

William L. Garland  
Administrator - Water Quality Division  
Phone: (307) 777-7781



April 10, 1985  
Date

Robert E. Sundin  
Director - Department of Environmental Quality



April 10, 1985  
Date

cc: A. J. Mancini, DEQ/WQD, Cheyenne  
LeRoy Feusner, DEQ/WQD, Cheyenne



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 7, 1984

Mr. W. E. Rickart  
Plant Supervisor  
Texaco U.S.A.  
P.O. Box 307  
Evansville, WY 82636

Dear Mr. Rickart:

In response to your letter dated December 31, 1984, I have enclosed Form GPC 11. This form will document the transfer of responsibility for the wells permitted under GPC 84-449R from Texaco U.S.A. to Texaco Refining and Marketing, Inc. Form GPC 11 should be completed and signed by someone as designated under Section Q of permit GPC 84-449R and returned to the Groundwater Section. LeRoy Feusner will reissue permits 83-62R and 83-157R to Texaco Refining and Marketing, Inc.

I have checked my files, and I cannot find documentation authorizing you to sign reports or other information associated with the GPC permit. I understand that Tony Mancini has discussed this matter with you and that you intend to clarify the authorization with us.

If I can answer any further questions, please call me.

Sincerely,

A handwritten signature in cursive script that reads "Kate Laudon".

Kate Laudon  
Groundwater Engineering Evaluator

KL/nc  
Enclosures

STATE OF WYOMING  
DEPARTMENT OF ENVIRONMENTAL QUALITY/WATER QUALITY DIVISION

Groundwater Pollution Control Permit  
TRANSFER OF RESPONSIBILITY

Reference GPC 84-449R

PART I

As present owner/operator Texaco USA, P.O. Box 307, Evansville, Wyoming 82636 hereby applies to the Administrator to transfer the operation and all associated responsibilities of GPC 84-449R, for a system of recharge wells designed to dispose of groundwater collected from the hydrocarbon recovery system beneath the Texaco Refinery located (S, T, R, County) in the NE1/4 Section 1, T33N, R79W and the NW1/4 Section 6, T33N, R78W, in Natrona County to Texaco Refining and Marketing Inc., Box 307, Evansville, Wyoming 82636

\_\_\_\_\_  
Printed name of person signing

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

PART II

As potential transferee Texaco Refining and Marketing, Inc. agrees to be bound by all the terms and conditions of Permit GPC 84-449R

\_\_\_\_\_  
Printed name of person signing

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

PART III

NOT APPLICABLE

If the current owner/operator is in violation of the Act or relevant permit/regulations, the potential transferee can agree to bring the operation into compliance in order to expedite a transfer of responsibility.

As potential transferee \_\_\_\_\_  
(Name and address)

agree(s) to bring the operation into compliance according to the (schedule, agreement, letter, notice, \_\_\_\_\_) identified and dated \_\_\_\_\_

\_\_\_\_\_  
Printed name of person signing

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

Submit to: Groundwater Section  
Water Quality Division  
1111 East Lincolnway  
Cheyenne, WY 82002

11-7-84



ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

October 31, 1984

Mr. William Rickart, Plant Supervisor  
Texaco, Inc.  
P.O. Box 307  
Evansville, WY 82636

RE: Permit GPC 84-449R

Dear Mr. Rickart:

Enclosed are two copies of the signed permit for the operation of the recharge wells associated with the Petroleum Recovery Operations at the Texaco Refinery located in the NE1/4 Section 1, T33N, R79W and the NW1/4 Section 6, T33N, R78W in Natrona County.

Please note the following:

1. Enclosed with this letter are several copies of form GPC 7. One copy of this form must accompany each submittal of information to the Groundwater Section of the Water Quality Division. This form can be reproduced, or additional copies may be requested as needed. The form is to be signed as specified in Section Q of the permit, Signatories Requirement. All reports are to be signed by an executive officer of at least the level of vice president, or a duly authorized representative as described in Section Q.
2. Additional monitoring requirements are included in Section F of this permit.
3. Quarterly reports, including groundwater monitoring are required under this permit for the first year of operation. Monitoring data required by this permitted may be included with the oil recovery operations progress reports required by permit 83-157R. Please reference permit number GPC 84-449. Reporting requirements will be reevaluated at the end of the first year of authorized operations at the permittees request.

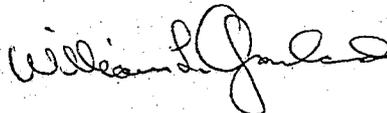
Mr. William Rickart, Plant Supervisor

October 31, 1984

Page 2

4. The recharge wells which have already been constructed have been granted a deviation from the well construction standards as described in Section 63, Part G in Chapter XI of the Wyoming Department of Environmental Quality, Water Quality Division, Rules and Regulations. In the future all recharge wells must meet the construction standards specified in Chapter XI. If the construction standards can not be achieved due to aquifer constraints, the applicant should request a deviation from the Administrator of the Water Quality Division prior to construction.

Sincerely,



William L. Garland  
Administrator

cc: A. J. Mancini, DEQ/WQD  
Tom Williams, DEQ/WQD  
LeRoy Feusner, DEQ/WQD



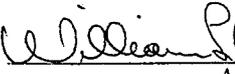
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

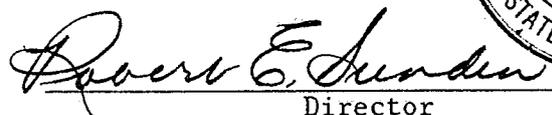
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, 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:

  
WILLIAM L. GARLAND  
PE # 4479  
Administrator  
Water Quality Division  
STATE OF WYOMING  
December 22, 1984  
Date of Issuance

  
ROBERT E. SUNDIN  
NO. 285  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING  
Director  
Dept. of Environmental Quality

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

xc: Thomas L. Thelen  
Hoskins-Western-Sonderegger, Inc.  
P.O. Box 80358  
Lincoln, NE 68501

Returned to  
Sheidan

12-12-84

Water Quality Division  
Groundwater Section  
Permit Application Review

Application Number 84-450R

Date Submitted For Review Dec 10, 1984

Name and Location of Facility Chicago & Northwestern Transportation  
Company Railroad Yard DEQ/WQD  
No 84-450

I have reviewed the plans and specifications with regard to all aspects of ground-water quality and find the following:

- No Comment. The submittal is consistent with current ground-water protection procedures and requirements.
- Comments attached.

Signed Phil Pucel

Title \_\_\_\_\_

Date 12-11-84

Approved 12/12/84  
(Date)

[Signature]  
(Signed)  
Groundwater Control Supervisor

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
2161 COFFEEN AVE., SUITE 301  
SHERIDAN, WYOMING 82801

PROJECT: Chicago & Northwestern Railroad Yard at  
Bill, Wyoming, Wastewater Disposal Facility

ARCHITECT OR ENGINEER: Hoskins-Western-Sonderegger, Inc.  
P.O. Box 80358  
Lincoln, Nebraska 68501

WATER QUALITY DIVISION  
REFERENCE NUMBER: 84-450

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: October 10, 1984

ACTION: Not Authorized

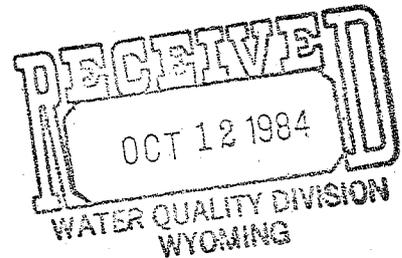
COMMENTS:

Since the water supply system has less than 20 service connections, it does not come under our jurisdiction for the purpose of issuing a Permit to Construct. I did, however, make a quick review of the system and found nothing wrong with it.

The following comments refer to the wastewater disposal system.

Lift Station and Force Main:

- 1.) Please submit pump curves and the required NPSH of the lift station pumps so we can check their suitability.
- 2.) The electrical equipment of the pump chamber should comply with the NEC requirements for Class I, Division I, Groups C and D areas because it appears that it may be subject to an explosive atmosphere. Is this the case?
- 3.) A portable blower should be on hand in order to exhaust the wetwell during access.
- 4.) While the lift station is not really large enough to require an alternate power source, a contingency plan in the event of power failure should be formulated. Can extra storage capacity be made available? Is bypassing feasible? Are engine-driven pumps available?



- 5.) Alarm devices are referred to in the specifications but not shown on the plans. An audio and visual alarm should be provided.
- 6.) Are the pump suction pipes provided with clean outs?
- 7.) A shutoff valve is needed for the discharge piping downstream of the check valve.
- 8.) A profile of the force main is not provided. If there are any high spots in the main, air release valves will be needed.

Lagoons:

- 1.) Because the cells are larger than one acre, their interior slopes will have to be protected with riprap unless you can demonstrate that erosion is not likely to occur. The riprap can be limited to the windward side of the cells.
- 2.) The groundwater section in Cheyenne is currently reviewing your application. I will forward their comments as soon as possible.

Please contact me if you have any questions.

Returned  
to Sheridan  
10-12-84

Water Quality Division  
Groundwater Section  
Permit Application Review

Application Number 84-450

Date Submitted For Review 10-4-84

Name and Location of Facility Chicago + Northwestern Transportation  
Co Railroad Yard at Bill, Wyoming,  
Water and Sanitary Sewer Utilities  
Section 28, T 38 N, R 70 W, Converse County

I have reviewed the plans and specifications with regard to all aspects of ground-water quality and find the following:

- No Comment. The submittal is consistent with current ground-water protection procedures and requirements.
- Comments attached.

Signed Phil Pucef

Title \_\_\_\_\_

Date 10-11-84

Approved 10/11/84  
(Date)

ajm  
(Signed)  
Groundwater Control Supervisor

MEMORANDUM

TO: Rich Ruyle

FROM: Phil Pucel *phil*

DATE: October 11, 1984

SUBJECT: Chicago & Northwestern Transportation Co. Railroad Yard, DEQ/WQD Ref.  
No. 84-450

The proposed facility design should comply with Wyoming DEQ/WQD Rules & Regulations, Chapter III, Section 15, which specifically delineates the information necessary for a determination of the potential impact to groundwaters of the State. In this case, it is recommended that initial efforts towards data gathering be (1) aimed at the depth to groundwater (b)(2); and (2) existing water wells (b)(5). The necessity for additional information will depend upon the results of this first step.