

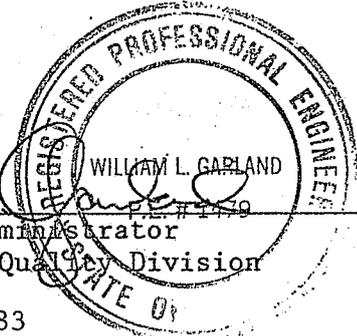
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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.

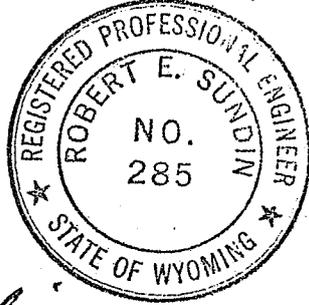
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


William L. Garland

WILLIAM L. GARLAND
Administrator
Water Quality Division
STATE OF WYOMING
8/24/83

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.

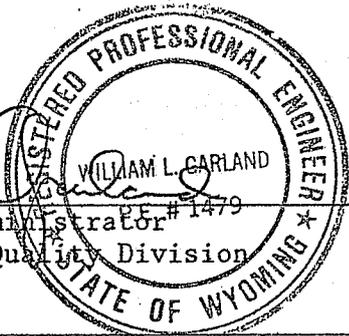
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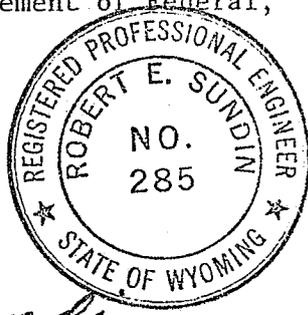
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AUTHORIZED BY:


William L. Garland
WILLIAM L. GARLAND
Administrator #1479
Water Quality Division
STATE OF WYOMING
8/24/83
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.

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Big Horn Mine Reservoirs 307 and 308

ARCHITECT OR ENGINEER: Edward L. Jankowski, Jr.
Kiewit Mining and Engineering
1000 Kiewit Plaza
Omaha, Nebraska 68131

WATER QUALITY DIVISION

REFERENCE NUMBERS: 83-351 and 83-352

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: August 5, 1983

ACTION: Not Authorized

COMMENTS:

- 1.) Construction and compaction specifications for both 307 and 308 are needed.
- 2.) A means of flow measurement that is accurate to within 10% is needed for the effluent from 307.
- 3.) Where will the influent point to 307 be? The location of the influent should be as far away from the effluent point as possible, as short-circuiting in an oblong reservoir like this is a distinct possibility.
- 4.) The water in 308 must be removed when the "permanent pool" (inactive capacity) of the reservoir is exceeded in order to make room for a new 10-year, 24-hour storm. If this is to be done by pumping, you may simply state that on the plans or in a letter.

xc: Marlin Holm, Big Horn Coal Co.

Water Quality Division
Groundwater Section
Permit Application Review

*Normally returned
to Sheridan*

Application Number 83-351; 83-352

Date Submitted For Review 7/8/83

Name and Location of Facility Big Horn Coal Co.

Big Horn Reservoirs #307, #308
308: Sec 13 T57 R84 Sheridan Co
307: Sec 14 T57 R84 Sheridan Co

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 Richard J. Hennig
Title Eng. Eval
Date 7/8/83

Approved 7/8/83
(Date)

ajm
(Signed)
Groundwater Control Supervisor

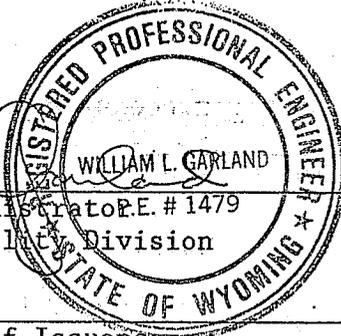
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

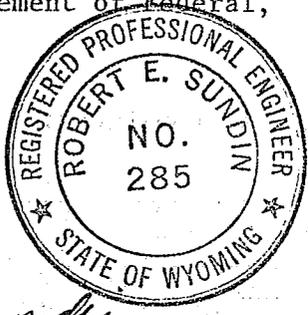
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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AUTHORIZED BY:


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


Robert E. Sundin
Director
Dept. of Environmental Quality

July 7, 1983
Date of Issuance

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

Condition of Permit

The permittee shall notify representatives 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 prior 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, WY 82520

FL:crb

8-15-83

PERMIT TO CONSTRUCT

Permit No. 83-354R
SEE SPECIAL CONDITION

- New
- Renewal
- Modified

Saint Joseph's Group Home
(Name of Facility)

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

Saint Joseph's Childrens Home

RR 2, Box 321

Torrington, WY 82240

to construct, install, or modify a commercial subsurface wastewater treatment and disposal system facility according to the procedures and conditions of the application No. 83-354R. The facility is located in SE1/4 Section 27, 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.

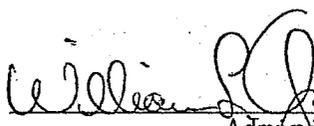
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

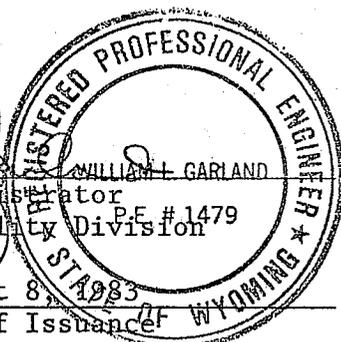
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

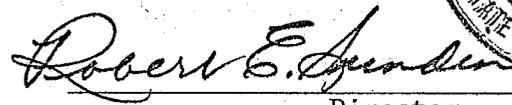
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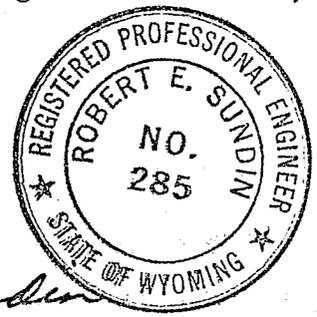
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AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator
Water Quality Division
P.E. # 1479
August 8, 1983
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: Ronald E. Yoder
Rt. 1
Veteran, WY 82293

Condition to Permit to Construct

The permittee shall notify representatives of the Goshen 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:

Harold D. Anderson
Goshen/Platte County Sanitarian
P.O. Box 1192
County Courthouse
Torrington, WY 82240
Telephone: 532-5002

7-15-83

Review of Plans and Specifications

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

PROJECT: St. Joseph's Children's Home, Goshen Co.

ARCHITECT OR ENGINEER: Ron Yoder
Rt. 1, Veteran, WY 82243

APPLICANT: St. Joseph's Children's Home
RR2, Box 321, Torrington, WY 82240

WATER QUALITY DIVISION REFERENCE NUMBER: 83-354

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

DATE OF REVIEW: July 14, 1983

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The depth to seasonal high groundwater must be known or at least that there is four foot separation between the bottom of the trench and the high water level. The same information is needed concerning the impervious strata of which you are concerned.
2. The size of the drainfield is inadequate. The minimum disposal area is 2700 square feet for nine bedrooms and with a soil percolation rate of 45 minutes/inch. The disposal area is only that area under the drain rock. Your system only has 700 square feet (5 lines at 70 linear feet at 24 inches wide = 700 square feet). Please expand and resubmit.
3. The plans need to be signed by a Wyoming registered engineer.

7-19-83

PERMIT TO CONSTRUCT

New

Permit No. 83-355

Renewal

Modified

Rawlins Southside Fire Station - Water Main
(Name of Facility)

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

City of Rawlins

P.O. Box 953

Rawlins, WY 82301

to construct, install, or modify a potable water distribution main facility according to the procedures and conditions of the application No. 83-355. The facility is located in Section 16, T21N, R87W in the County of Carbon, 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.

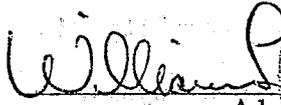
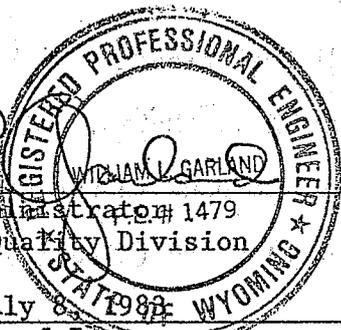
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

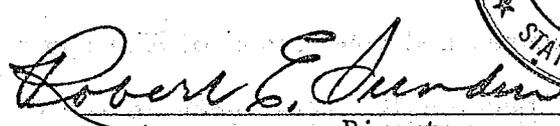
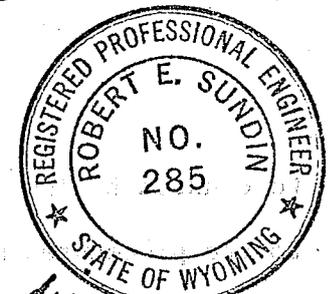
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Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 # 1479
Water Quality Division
July 8, 1983
Date of Issuance



Director
Dept. of Environmental Quality

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

cc: James H. Carney
City of Rawlins
P.O. Box 953
Rawlins, WY 82301

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.

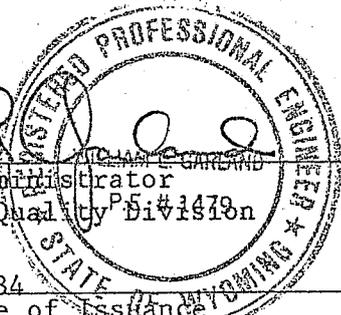
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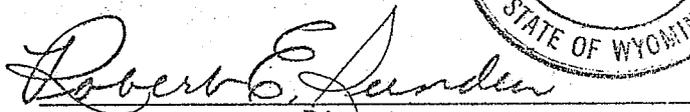
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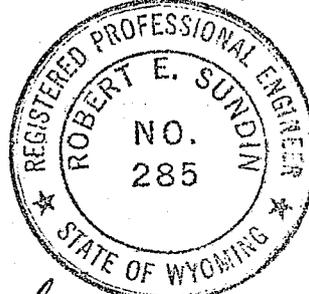
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AUTHORIZED BY:



William J. Garland
Administrator
Water Quality Division
P.E. # 1479




Robert E. Sundin
Director
Dept. of Environmental Quality


February 17, 1984

Date of Issuance

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

EB:dcn

cc: DEQ Land Quality, Lander District Office

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-357RR

SEDIMENT POND NO. 2
SAND DRAW COAL MINE
RESOURCE EXPLORATION & MINING INC.
 (Name of Facility)

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

Resource Exploration and Mining Inc.
40 Inverness Dr. East
Englewood, CO 80112

to construct, install, or modify a sediment pond No. 2 at Sand Draw Coal Mine

_____ facility according to the procedures and conditions of the
 application No. 83-357RR. The facility is located in _____

Section 3, R44, R96

_____ 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

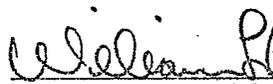
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

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AUTHORIZED BY:



REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. CASLAND
Administrator
Water Quality Division
PE #1479
STATE OF WYOMING



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

February 17, 1984

Date of Issuance

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

EB:dcn

cc: DEQ Land Quality - Lander District Office

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-358RR

SEDIMENT DITCH
 SAND DRAW COAL MINE
 RESOURCE EXPLORATION & MINING INC.

 (Name of Facility)

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

Resource Exploration & Mining Inc.
40 Inverness Dr. East
Englewood, CO 80112

to construct, install, or modify a sediment ditch (SE) at Sand Draw Coal Mine

_____ facility according to the procedures and conditions of the

application No. 83-358RR. The facility is located in _____

_____ Section 3, T44, R96 _____

_____ 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.

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The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

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

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

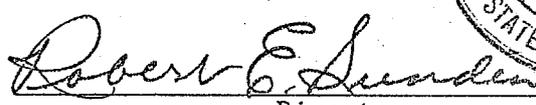
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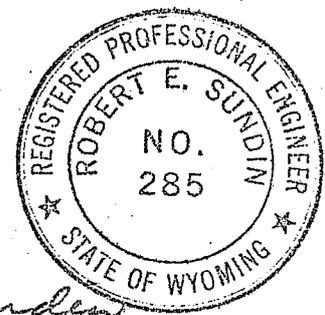
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AUTHORIZED BY:



WILLIAM L. GARLAND
Administrator
Water Quality Division

ROBERT E. SUNDIN
Director
Dept. of Environmental Quality


February 17, 1984

Date of Issuance

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

EB:dcn

cc: DEQ Land Quality - Lander District Office

MEMORANDUM

TO: Plans #83-356R
#83-357R
#83-358R

FROM: Jeff Hermansky

Jeff Hermansky

SUBJECT: Phone Review

DATE: November 7, 1983

I spoke with David Hough and restated the comments that Francis LaBarge made in his July 15, 1983 review letter. I said that he would need to address comments number 1, 4, 5, 6 and 16.

David said he would address these comments and submit the response this week.

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: Sand Draw Coal Mine Sedimentation Control Facilities

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

OWNER: Morgan Bryant
Resource Exploration and Mining, Inc.
40 Iverness Drive East
Englewood, CO 80112

WATER QUALITY DIVISION REFERENCE NUMBER: #83-356, #83-357, #83-358

REVIEWING ENGINEER: Francis LaBarge *FL*

DATE OF REVIEW: July 15, 1983

ACTION: Not authorized.

COMMENTS: A review of your application has been completed. Before a permit to construct can be authorized, the following points need to be resolved:

1. The three Application for Permit to Construct . . . forms need to be signed by an authorized representative of Resource Exploration and Mining, Inc.
2. It will be necessary to obtain an NPDES Permit for the sediment control facilities. Please contact Mr. John Wagner of our Cheyenne office at 777-7082 for further details. When an NPDES Permit number is assigned, please put it on the Application for Permit to Construct . . . forms.
3. It is required that the storage resulting from in-flow be removed by a non-clogging dewatering device or spillway as soon as possible but not prior to the time that the discharge will comply with the effluent standards set forth in the NPDES Permit. In regard to the tube siphon proposed for Ponds No. 1 and 2, it doesn't appear this type of device will meet this requirement. The immediate and automatic dewatering could result in water being discharged which doesn't meet effluent standards which would be a violation of the NPDES permit. Also it appears the $\frac{1}{4}$ inch inlet hole would plug quite easily.
4. Verification is needed that devices necessary to determine if the water meets effluent standards prior to discharge will be on hand at the mine site.
5. Will there be any other types of wastewater disposal facilities such as sewage disposal, mine or mill wastewater, mine pit dewater, etc. . . at the mine? If so, each disposal system must be permitted by this department.

ABC

Review of Plans and Specifications

Sand Draw Coal Mine Sedimentation Control Facilities

#83-356, #83-357 and #83-358

July 15, 1983

Page Two

6. It is required that the necessary facilities for topsoil stockpiles be completed within 15 days after the need arises and that all other control structures be constructed before the lands are affected. This needs to be addressed in the application.
7. The construction specifications need to be signed by the engineer.
8. The specifications should state the maximum and minimum size of riprap that will be allowed.
9. Please provide a staff gage detail.
10. Please provide a trash rack detail for the spillways.
11. The extent of all areas of riprap should be called out on the drawings as applicable.
12. It appears that some type of support for the vertical portion of the spillway pipe in Ponds No. 1 and 2 is needed. Please provide details.
13. A watershed diversion ditch detail and velocity calculations are needed for Pond No. 1.
14. A sediment collector ditch detail and velocity calculations are needed for Pond No. 1.
15. A sediment collector ditch detail and velocity calculations are needed for Pond No. 2.
16. Please provide verification that the pumps referred to in the report have the capability to dewater Sediment Ditch SE within 10 days after it is determined the water meets effluent standards.

Please submit the required information and revised plans, in triplicate, to this office. If you have any questions, please call me.

cc: John Wagner - Cheyenne DEQ/WQD
Rick Engelmann - Lander DEQ/LQD
David Hough - Centennial Coal Company

FL:dcn

Water Quality Division
Groundwater Section
Permit Application Review

① Norma

② Frank LaBarge
Returned
to Lander
7-12-83

Application Number 83-356 THRU 358

Date Submitted For Review 7-7-83

Name and Location of Facility RESOURCE EXPLORATION + MINING
SEDIMENT PONDS; HOT SPRINGS CO.

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

No Comment. The submittal is consistent with current groundwater protection procedures and requirements.

Comments attached.

Signed W. S. Ewen
Title Eng'r. Evaluator
Date 7-11-83

Approved agm
(Date)

7/11/83
(Signed)
Groundwater Control Supervisor

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

November 6, 1985.

CERTIFIED P 399 271 379

Jay Anderson
Great Basin Engineering
P.O. Box 9307
Ogden, UT 84409

Dear Mr. Anderson:

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:

*File - Yellow Creek Estates
Utah Co.*

Facility Name: Yellow Creek Subdivision No. 2

DEQ/WQD Reference Number: 83-359

Engineering Consultant: Yellow Creek Center Co., Inc., P.O. Box 173
Evanston WY 82930

DEQ/WQD Review Engineer: Jack Bedessem/Bill Locke

Date of DEQ/WQD Review: 6-21-83

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: _____

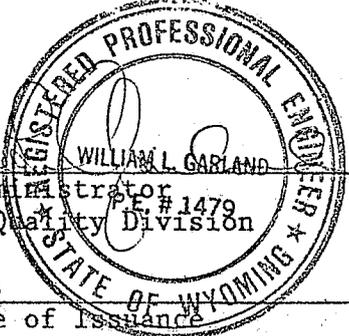
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

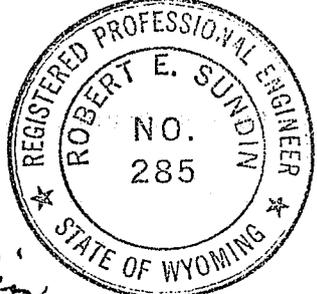
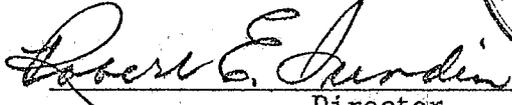
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

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
July 20, 1983
Date of Issuance



Director
Dept. of Environmental Quality

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

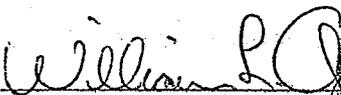
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

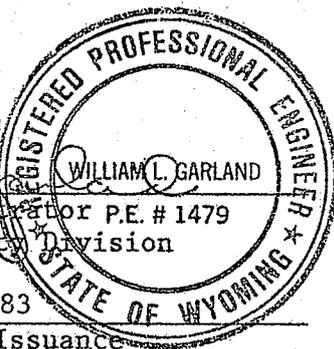
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

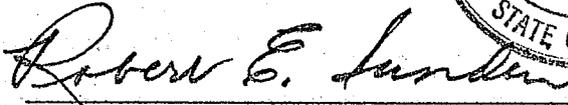
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

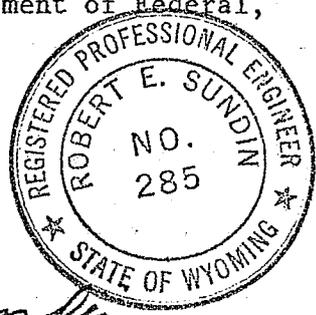
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator P.E. # 1479
Water Quality Division
August 3, 1983
Date of Issuance




Director
Dept. of Environmental Quality



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

cc: Robert A. Harrower
P. O. Box 67
Pinedale, WY 82941



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

May 16, 1986

Conoco
907 Rancho Road
Casper, WY 82601

To whom it may concern:

Your statewide permit number 83-362, for small wastewater facilities has expired. If you intend to construct such facilities it will be necessary to renew your permit. Construction of facilities without the required permit is a violation of W. S. 35-11-301 (a) (iii).

Sincerely yours,

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

Lawrence Robinson
Engineering Supervisor

LR/nc

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-362

CONDITION

CONOCO - STATEWIDE
(Name of Facility)

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

CONOCO

907 Rancho Road

Casper, WY 82601

to construct, install, or modify a two 2000 gallon holding tanks to serve
drilling locations (typically 5 trailers), collection system

facility according to the procedures and conditions of the
application No. 83-362. The facility is located in

STATEWIDE
in the County of STATEWIDE,

in the State of Wyoming. This permit shall be effective for a period of 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-

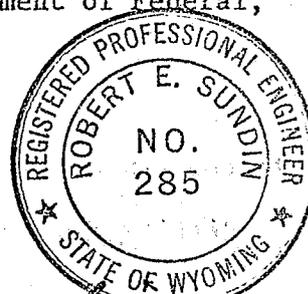
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

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
August 3, 1987

Date of Issuance

A circular seal for a Registered Professional Engineer. 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 J. GARLAND" and the number "P.E. #1479".

Robert E. Sundin

Director
Dept. of Environmental Quality

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

CONDITION OF PERMIT

The permittee shall notify the appropriate DEQ/WQD field office before any system is installed. Upon abandoning the site the system shall be salvaged and the appropriate DEQ/WQD field office notified.

cc: Robert A. Harrower
P. O. Box 67
Pinedale, WY 82941

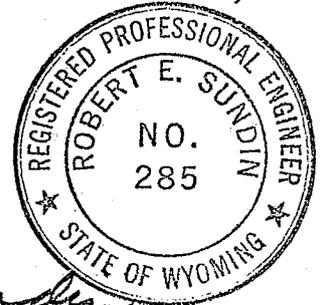
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

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. ...

WILLIAM J. ...
Water Quality Division
July 1983
Date of Issuance

A circular seal for a Registered Professional Engineer, partially overlapping the signature. 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 J. ..." and the number "1479".

Robert E. Sundin

Director
Dept. of Environmental Quality

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

7-22-83

PERMIT TO CONSTRUCT

New

Permit No. 83-364

Renewal

Modified

TOWN OF THERMOPOLIS WATER LINE RELOCATION
(Name of Facility)

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

Town of Thermopolis

P. O. Box 603

Thermopolis, WY 82443

to construct, install, or modify a 6 inch potable waterline at Mondell
Street and 9th Street

_____ facility according to the procedures and conditions of the
application No. 83-364. The facility is located in _____

Sec. 35, T43N, 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

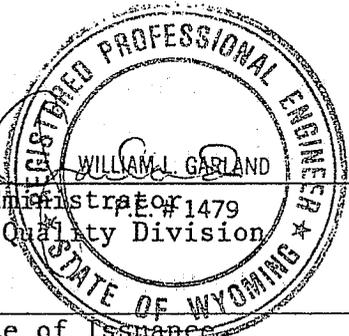
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 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.

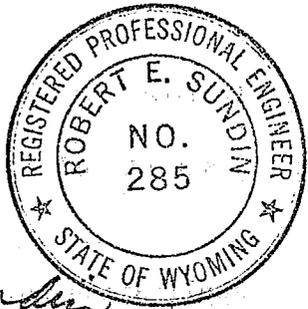
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

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, "WILLIAM L. GARLAND" in the center, "Administrator #1479" below the name, and "STATE OF WYOMING" around the bottom edge with two stars on either side.
William L. Garland

Administrator #1479
Water Quality Division
July 13, 1983

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, "ROBERT E. SUNDIN" in the center, "NO. 285" below the name, and "STATE OF WYOMING" around the bottom edge with two stars on either side.
Robert E. Sundin

Director
Dept. of Environmental Quality

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

FL:dcn

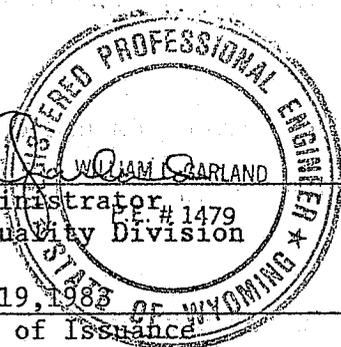
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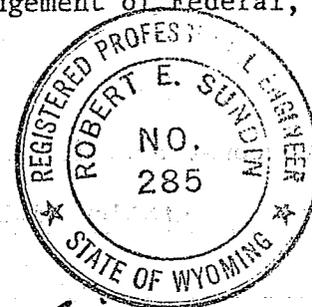
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

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, it says "WILLIAM GARLAND" and "P.E. # 1479".
William Garland
Administrator
Water Quality Division
September 19, 1983
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, it says "ROBERT E. SUNDIN" and "NO. 285".
Robert E. Sundin
Director
Dept. of Environmental Quality

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

JB:mpm

cc: Terry L. Sell
Johnson, Fermelia & Crank, Inc.
1515 Ninth Street
Rock Springs, WY 82901

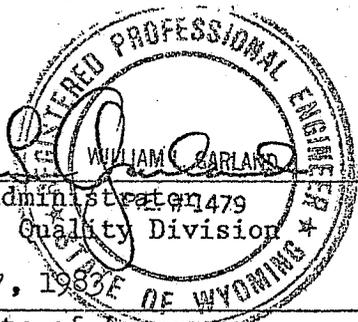
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

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.

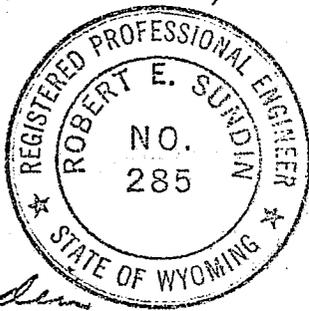
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


William Carlans

Administ. #1479
Water Quality Division
November 17, 1983

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.

JB:mpm

cc: Western Engineers-Architects, Inc.
ATTN: Duane Fehringer
501 No. Sun Drive
Casper, WY 82609

9-21-83

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 83-367R

Sublette County Historical Society Wastewater Treatment Facility
(Name of Facility)

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

Sublette County Historical Society
c/o Energy Research & Design Society
P.O. Box 3177
Jackson, WY 83001

to construct, install, or modify a septic tank - disposal bed system to serve museum facility according to the procedures and conditions of the application No. 83-367R. The facility is located in Section 34, T34N, R109W in the County of Sublette, 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.

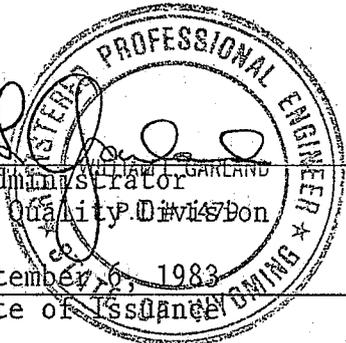
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

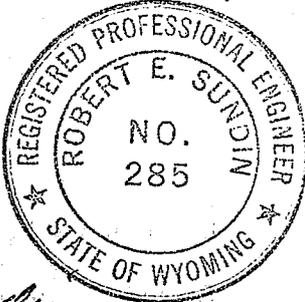
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875, 6911.

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. Stera
Administrator
Water Quality Division
September 20, 1983
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

The permittee shall notify a representative of the Sublette County Planning 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:

Janet Montgomery
Sublette County Planner
P.O. Box 506
Pinedale, WY 82941
Telephone: 367-4375

cc: Jim Critchfield
Energy Research & Design
P.O. Box 3177
Jackson, WY 83001

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-368

Burger King
(Name of Facility)

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

Burger King Corporation

6093 South Quebec

Englewood, CO 80111

to construct, install, or modify a water main and sanitary sewer facility according to the procedures and conditions of the application No. 83-368. The facility is located in Section 5, T13N, R66W in the County of Laramie, in the State of Wyoming.

This permit shall be effective for a period of two (2) years (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.

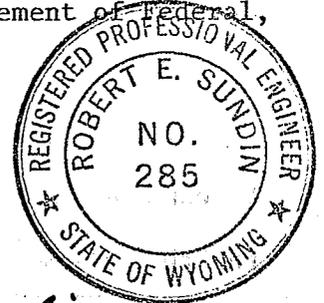
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 1111 East Lincolnway, 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
Admin. Eng. P.E. # 1479
Water Quality Division
August 4, 1983
Date of Issuance

A circular professional seal for William L. Garland, a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER", "WILLIAM L. GARLAND", and "STATE OF WYOMING" with two stars on either side.

Robert E. Sundin
Director
Dept. of Environmental Quality

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

cc: Mr. Steven Murray
Hallmark & Assoc.
3600 So. Yosemite, Suite G-1
Denver, CO 80237

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-369
 Ref. No. 81-604RRR

Cottonwood Addition
 (Name of Facility)

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

New Vistas, Inc.

120 North Center Street

Casper, WY 82601

to construct, install, or modify a manifold water and sewer services to a municipal water distribution and wastewater collection facility according to the procedures and conditions of the application No. 83-369. The facility is located in Lots 6, 7, 8, 9 of Block 5, Lots 1, 2, 7, 8, 9 of Block 6 of Cottonwood Addition, Section 22, T33N, R80W 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.

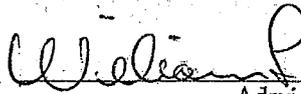
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

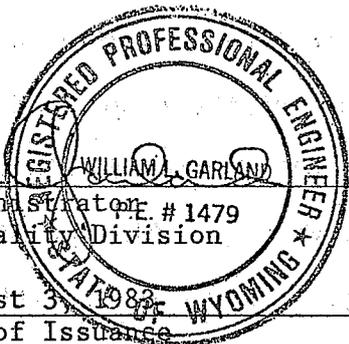
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

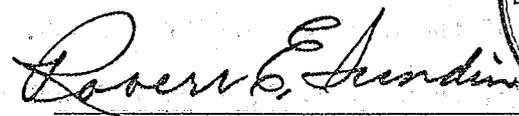
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

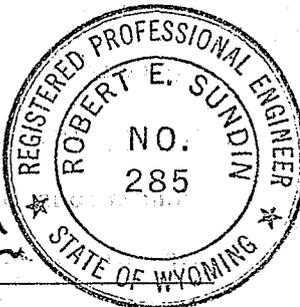
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
August 3, 1988
Date of Issuance




Director
Dept. of Environmental Quality



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

cc: Dale A. Johnson
Worthington, Lenhart, Carpenter & Johnson
632 South David
Casper, WY 82601

8-4-83

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 83-370

Town of Baggs - Water Meter Installation
(Name of Facility)

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

Town of Baggs

P.O. Box 300

Baggs, WY 82321

to construct, install, or modify a water meters on a municipal water distribution system facility according to the procedures and conditions of the application No. 83-370. The facility is located in Section 4, 5 and 8, T12N, R91W in the County of Carbon, 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.

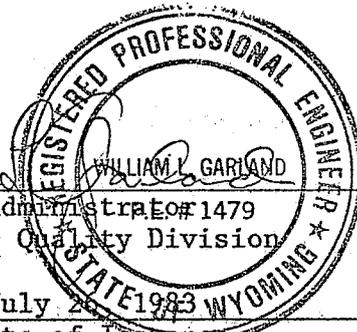
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

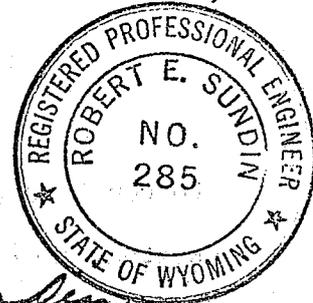
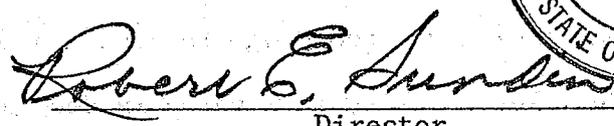
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, 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
Administrative #1479
Water Quality Division
July 2, 1983
Date of Issuance



Director
Dept. of Environmental Quality

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

cc: Rex A. Behrends
Behrends' Engineering & Surveying
1915 Inverness Blvd.
Rawlins, WY 82301

7-17-83

Review of Plans and Specifications

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

PROJECT: Town of Baggs, Water Meters, Carbon Co.

ARCHITECT OR ENGINEER: Rex Behrends, Behrends' Engineering & Surveying
1915 Inverness Blvd., Rawlins, WY 82301

APPLICANT: Town of Baggs
P.O. Box 300, Baggs, WY 82321

WATER QUALITY DIVISION REFERENCE NUMBER: 83-370

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

DATE OF REVIEW: July 18, 1983

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The plans were not signed or sealed by a Wyoming registered engineer.
2. All meters must meet AWWA requirements. Please designate the specific AWWA sections.
3. Some requirement is necessary so as to prevent the meter pits from being located in areas subject to surface drainage or being flooded by surface water or groundwater.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-371

Hugus-Mullison Ditch Sewer Crossing
(Name of Facility)

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

Town of Saratoga

P.O. Box 486

Saratoga, WY 82331

to construct, install, or modify a sanitary sewers facility according to the procedures and conditions of the application No. 83-371. The facility is located in Section 14, T17N, R84W in the County of Carbon, 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.

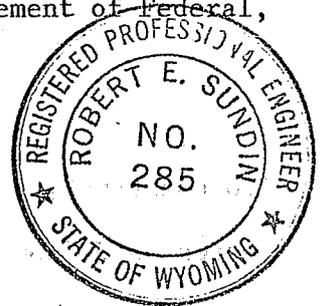
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

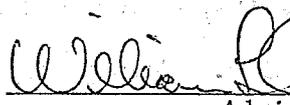
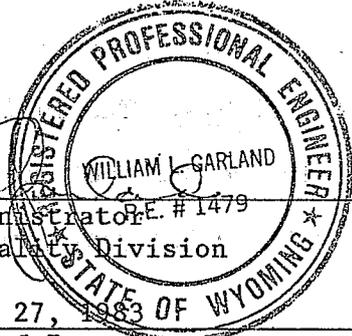
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

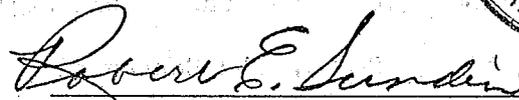
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
P.E. # 1479
Administrator
Water Quality Division




Director
Dept. of Environmental Quality

July 27, 1983
Date of Issuance

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

cc: Paul McCarthy
Robert Jack Smith & Associates
P.O. Box 1104
Rawlins, WY 82301



Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

May 16, 1986

Amoco Production Co.
Attn: Kathy Bauman
P.O. Box 829
Evanston, WY 82930

To whom it may concern:

Your statewide permit numbers 83-372, 83-373R, 83-374R and 83-375R for small wastewater facilities, contain a condition requiring the notification of the appropriate county or state agency prior to the installation or abandonment of facilities authorized by these permits.

A review of state and county records indicates that very few of these facilities are being reported. It is important that these facilities be reported on a regular basis. County governments have agreed to the use of statewide permits on the condition that they be properly notified. If the statewide permitting system is not responsive to the needs of the counties, the state will not be able to issue statewide permits and it will be necessary to obtain permits for such facilities with the individual 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 appropriate county and state agency for all future facilities.

Sincerely yours,

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

Lawrence Robinson
Engineering Supervisor

LR/nc

7-18-85

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-372
SEE CONDITIONS ON BACK

Amoco Production Company - Statewide
(Name of Facility)

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

Amoco Production Company

ATTN: Kathy Bauman

P.O. Box 829

Evanston, WY 82930

to construct, install, or modify a 1,500 gallon holding tank to serve drilling location (typically 4 trailers) and collection system facility according to the procedures and conditions of the application No. 83-372. The facility is located in STATEWIDE in the County of STATEWIDE, in the State of Wyoming. This permit shall be effective for a period of 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.

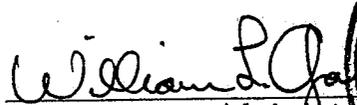
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 210 Lincoln, Lander, Wyoming 82520; telephone, 332-3144.

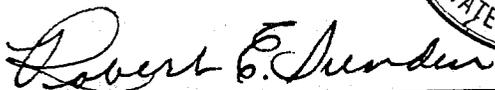
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

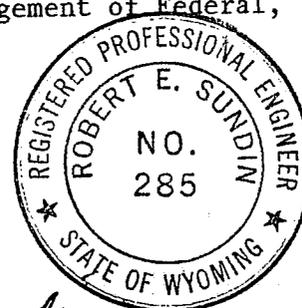
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
P.E. # 1479
Administrator
Water Quality Division
STATE OF WYOMING
REGISTERED PROFESSIONAL ENGINEER

July 8, 1985
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 #83-372

1. The 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 county or state agency prior to the installation, removal or abandonment of any facility authorized by this permit. The appropriate agency for each county is indicated in the attached list. Notification shall be by phone with a follow-up written notice. Upon abandoning the site, the facility will be removed, disposed of, or left in place in a condition rendering the site safe for the public. Any waste from the facility shall be disposed of only in areas and in a manner approved by the appropriate agency. Upon request, the permittee shall allow authorized representatives of the local agency or the State to have access to the authorized facility for the purpose of conducting an inspection to determine compliance with the provisions of this permit.

AGENCIES RESPONSIBLE FOR SMALL WASTEWATER PERMITS

1. Albany County
Albany County Planning Office
405 Grand Avenue
Laramie, WY 82070
Phone: (307) 721-5188
2. Big Horn County
Big Horn County Engineer
P.O. Box 31
County Courthouse
Basin, WY 82410
Phone: (307) 568-2358
3. Campbell County
Campbell County Engineer
500 South Gillette Avenue
Gillette, WY 82716
Phone: (307) 682-1970
4. Carbon County
District Supervisor
Water Quality Division
Department of Environmental Quality
Herschler Bldg. - 4th West
Cheyenne, WY 82002
Phone: (307) 777-7781
5. Converse County
Converse County Sanitarian
County Health Department
127 North 5th Street
Douglas, WY 82633
Phone: (307) 358-2536
6. Crook County
District Supervisor
Water Quality Division
Department of Environmental Quality
2161 Coffeen Avenue
Sheridan, WY 82801
Phone: (307) 672-6457
7. Fremont County
Fremont County Planner
Room 200, County Courthouse
Lander, WY 82520
Phone: (307) 332-5371
8. Goshen County
Goshen County Sanitarian
P.O. Box 1132
County Courthouse
Torrington, WY 82240
Phone: (307) 532-5002
9. Hot Springs County
Hot Springs County Planner
County Courthouse
Thermopolis, WY 82443
Phone: (307) 864-2732
10. Johnson County
Johnson County Sanitarian
County Courthouse
Buffalo, WY 82834
Phone: (307) 684-7555
11. Laramie County
Laramie County Environmental Health
1700 Snyder Avenue
Cheyenne, WY 82001
Phone: (307) 638-8545
12. Lincoln County
Office of Planning and Development
P.O. Box 414
Afton, WY 83110
Phone: (307) 886-3825
13. Natrona County
Environmental Health Division
Natrona County Health Department
1200 East 3rd
Casper, WY 82601-2990
Phone: (307) 235-9316
14. Niobrara County
District Supervisor
Water Quality Division
Department of Environmental Quality
2161 Coffeen Avenue
Sheridan, WY 82801
Phone: (307) 672-6457

15. Park County
Park County Planning Coordinator
P.O. Box 160
Cody, WY 82414
Phone: (307) 587-2208
16. Platte County
Platte County Sanitarian
P.O. Box 55
Wheatland, WY 82210
Phone: (307) 322-9571
17. Sheridan County
Sheridan County Engineer
P.O. Box 612
Sheridan, WY 82801
Phone: (307) 672-3426
18. Sublette County
Sublette County Planner
P.O. Box 506
Pinedale, WY 82941
Phone: (307) 367-4375
19. Sweetwater County
Sweetwater County Sanitarian
205 East Railroad Ave.
Green River, WY 82935
Phone: (307) 875-2611 Ext. 278
20. Teton County
Teton County Sanitarian
P.O. Box 1727
Jackson, WY 83001
Phone: (307) 733-3959
21. Uinta County
Uinta County Engineer
225 9th Street
Evanston, WY 82930
Phone: (307) 789-1780 ext. 318
22. Washakie County
Washakie County Planner
County Courthouse
Worland, WY 82401
Phone: (307) 347-2741
23. Weston County
District Supervisor
Water Quality Division
Department of Environmental Quality
2161 Coffeen Avenue
Sheridan, WY 82801
Phone: (307) 672-6457



NORMA
Cheyenne DEQ/WQD

Amoco Production Company

Post Office Box 829
Evanston, Wyoming 82930
307 - 789-1700

T. G. Doss
District Manager

June 7, 1985

Jack Bedessem
Dept. of Environmental Quality
Water Quality Division
210 Lincoln
Lander, WY 82520

File: JEK-483-422.914

Renewal of Statewide Construction Permits
83-372, 83-373R, 83-374R, 83-375R

Dear Jack:

We would like to renew the Permit to Construct for each of the numbers referenced above. The expiration date for each permit is August 3, 1985.

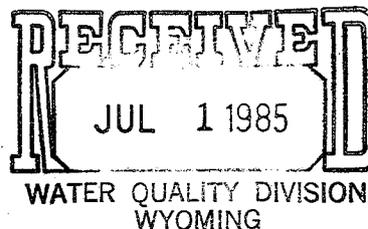
All the information provided on the original applications remains the same and we request that the permits be renewed with no changes or alterations.

If you have any questions regarding these permits or their renewals, please contact Kathy Bauman of this office at 789-1700 ext. 2354.

Sincerely,

T. G. Doss

KAB/vje

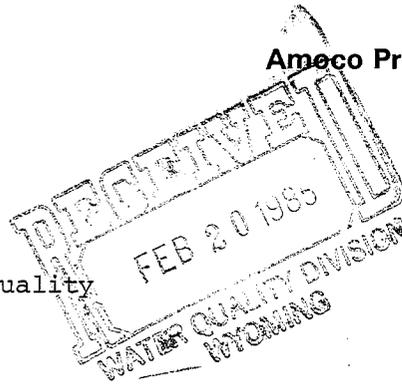




Amoco Production Company

Statewide Permit

February 18, 1985



Department of Environmental Quality
Water Quality Division
Herschler Building
Cheyenne, Wyoming 82002

Re: Champlin 457 D#2
Permit #83-372

Dear Sir:

Please accept this letter as our notification that we plan to install a sanitary waste system under Permit #83-372. This system will be installed to service the Champlin 457 D#2 well located NWSE, Section 13, T18N, R120W, Uinta County, Wyoming.

All sanitary wastes will be hauled to the authorized waste pit of John Brown's.

If you have any further questions please contact G. Douglas Pittman of this office at (307) 789-1700 x 2204.

Sincerely,

G. Douglas Pittman
Drilling Foreman

kg/

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-372
 * CONDITION *

AMOCO PRODUCTION CO., STATEWIDE
 (Name of Facility)

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

Amoco Production, Co.
ATTN: W. R. Halvorson
P. O. Box 829
Evanston, WY 82930

to construct, install, or modify a 1500 gallon holding tank to serve drilling
location (typically 4 trailers) and collection system

facility according to the procedures and conditions of the
application No. 83-372. The facility is located in

STATEWIDE

in the County of STATEWIDE,

in the State of Wyoming. This permit shall be effective for a period of 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-

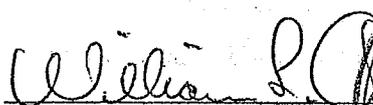
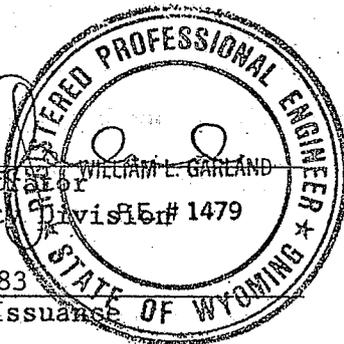
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

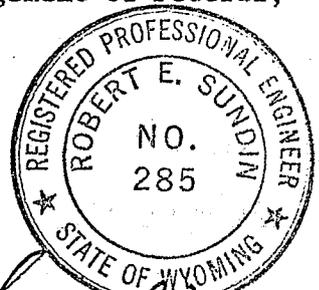
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

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:


Administator 
Water Quality Division
August 3, 1983
Date of Issuance


Director
Dept. of Environmental Quality


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

* CONDITION OF PERMIT *

The permittee shall notify the appropriate DEQ/WQD office before any system is installed. Upon abandoning the site, the system shall be salvaged and the appropriate DEQ/WQD office notified.

cc; Robert A. Harrower
P. O. Box 67
Pinedale, WY 82941

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 83-373R
SEE CONDITIONS ON BACK

Amoco Production Company - Statewide
(Name of Facility)

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

Amoco Production Company

ATTN: Kathy Bauman

P.O. Box 829

Evanston, WY 82930

to construct, install, or modify three 2,500 gallon holding tanks and collection systems to serve temporary construction camps (typically 35 persons) according to the procedures and conditions of the application No. 83-373R. The facility is located STATEWIDE in the County of STATEWIDE, 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.

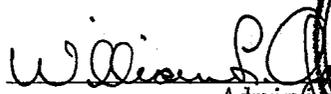
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 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
REGISTERED PROFESSIONAL ENGINEER
No. 1479
STATE OF WYOMING
Administrator
Water Quality Division


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

July 8, 1988
Date of Issuance

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

Conditions to Permit to Construct #83-373R

1. The 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 county or state agency prior to the installation, removal or abandonment of any facility authorized by this permit. The appropriate agency for each county is indicated in the attached list. Notification shall be by phone with a follow-up written notice. Upon abandoning the site, the facility will be removed, disposed of, or left in place in a condition rendering the site safe for the public. Any waste from the facility shall be disposed of only in areas and in a manner approved by the appropriate agency. Upon request, the permittee shall allow authorized representatives of the local agency or the State to have access to the authorized facility for the purpose of conducting an inspection to determine compliance with the provisions of this permit.

AGENCIES RESPONSIBLE FOR SMALL WASTEWATER PERMITS

1. Albany County
Albany County Planning Office
405 Grand Avenue
Laramie, WY 82070
Phone: (307) 721-5188
2. Big Horn County
Big Horn County Engineer
P.O. Box 31
County Courthouse
Basin, WY 82410
Phone: (307) 568-2358
3. Campbell County
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Phone: (307) 777-7781
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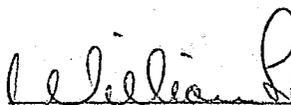
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

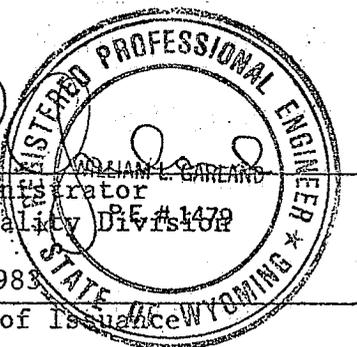
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

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.

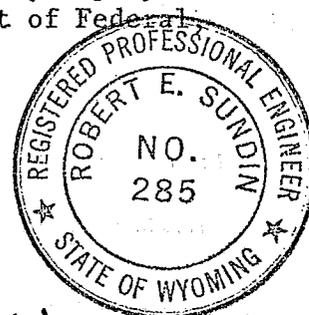
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


Adminisrator
Water Quality Division
August 4, 1983
Date of Issuance




Director
Dept. of Environmental Quality



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

* CONDITION OF PERMIT *

1. The 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 before any system is installed. Upon abandoning the site, the system shall be salvaged and the appropriate DEQ/WQD office notified.

cc: Robert A. Harrower
P. O. Box 67
Pinedale, WY 82941

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 83-374R
SEE CONDITIONS ON BACK

Amoco Production Company - Statewide
(Name of Facility)

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

Amoco Production Company

ATTN: Kathy Bauman

P.O. Box 829

Evanston, WY 82930

to construct, install, or modify a septic tank - leach field system and collection system to serve temporary construction camps (typically 35 persons) according to the procedures and conditions of the application No. 83-374R. The facility is located STATEWIDE in the County of STATEWIDE, 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.

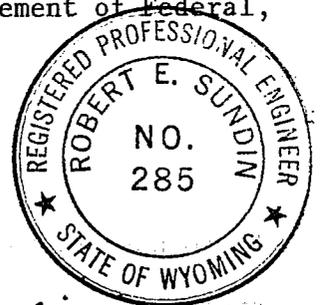
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

July 8, 1985
Date of Issuance

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

Conditions to Permit to Construct #83-374R

1. The 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 county or state agency prior to the installation, removal or abandonment of any facility authorized by this permit. The appropriate agency for each county is indicated in the attached list. Notification shall be by phone with a follow-up written notice. Upon abandoning the site, the facility will be removed, disposed of, or left in place in a condition rendering the site safe for the public. Any waste from the facility shall be disposed of only in areas and in a manner approved by the appropriate agency. Upon request, the permittee shall allow authorized representatives of the local agency or the State to have access to the authorized facility for the purpose of conducting an inspection to determine compliance with the provisions of this permit.

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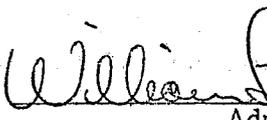
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

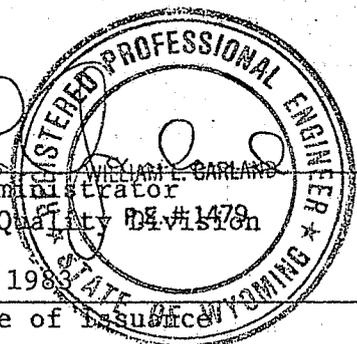
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

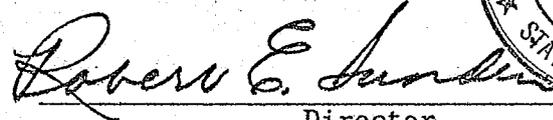
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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. CARLANS
Administrator
Water Quality Division
DE #1479
August 4, 1983
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.

* 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. Tables 1 and 2 in the specifications can then be used to size the leach field.
3. The permittee shall notify the appropriate DEQ/WQD office before any system is installed. Upon abandoning the site the system shall be salvaged and the appropriate DEQ/WQD office notified.

cc: Robert A. Harrower
P. O. Box 67
Pinedale, WY 82941

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 83-375R
SEE CONDITIONS ON BACK

Amoco Production Company - Statewide
(Name of Facility)

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

Amoco Production Company

ATTN: Kathy Bauman

P.O. Box 829

Evanston, WY 82930

to construct, install, or modify a septic tank - leach field system and collection system to serve drilling site locations according to the procedures and conditions of the application No. 83-375R. The facility is located STATEWIDE in the County of STATEWIDE, 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.

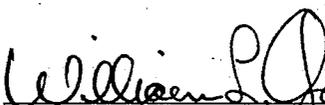
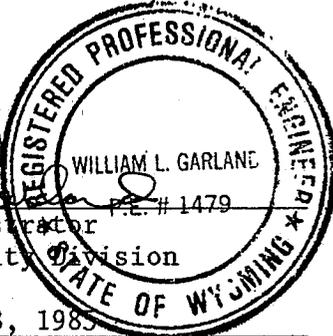
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

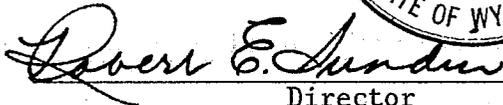
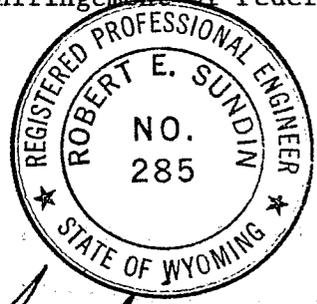
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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
P.E. # 1479
Administrator
Water Quality Division



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


July 8, 1985
Date of Issuance

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

Conditions to Permit to Construct #83-375R

1. The 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 county or state agency prior to the installation, removal or abandonment of any facility authorized by this permit. The appropriate agency for each county is indicated in the attached list. Notification shall be by phone with a follow-up written notice. Upon abandoning the site, the facility will be removed, disposed of, or left in place in a condition rendering the site safe for the public. Any waste from the facility shall be disposed of only in areas and in a manner approved by the appropriate agency. Upon request, the permittee shall allow authorized representatives of the local agency or the State to have access to the authorized facility for the purpose of conducting an inspection to determine compliance with the provisions of this permit.

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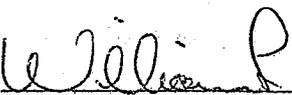
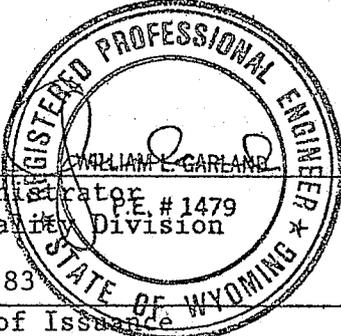
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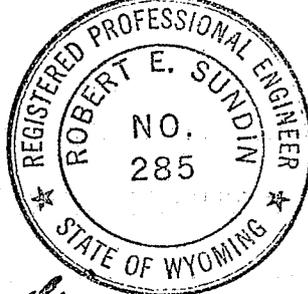
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

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AUTHORIZED BY:


WILLIAM E. GARLAND
Administrator
Water Quality Division
P.E. # 1479
August 4, 1983
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.

* 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, Tables 1 and 2 in the specifications can then be used to size the leach field.
3. The permittee shall notify the appropriate DEQ/WQD office before any system is installed. Upon abandoning the site, the system shall be salvaged and the appropriate DEQ/WQD office notified.

cc: Robert A. Harrower
P. O. Box 67
Pinedale, WY 82941

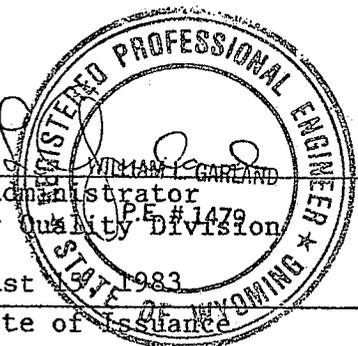
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Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

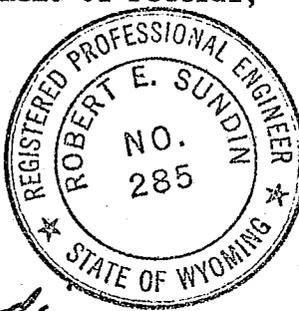
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


William L. Garland

William L. Garland
Administrator
Water Quality Division
P.E. # 1479
August 1983

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: DEQ/LQD- Lander

Kenneth Walker
Uinta Engineering & Surveying
P. O. Box 746
Evanston, WY 82930

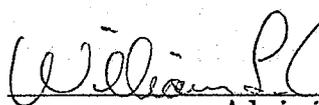
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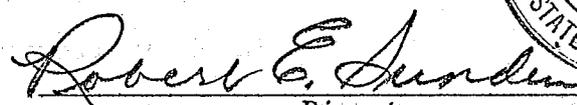
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AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator P.E. #1479
Water Quality Division
STATE OF WYOMING
July 27, 1983
Date of Issuance


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

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

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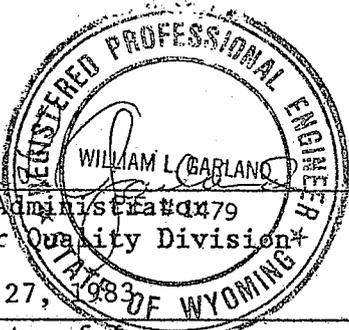
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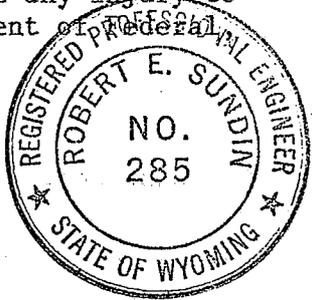
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AUTHORIZED BY:

William L. Garland
WILLIAM L. GARLAND
Administrative # 0479
Water Quality Division
July 27, 1983
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.

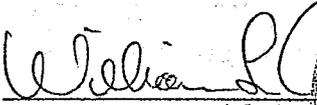
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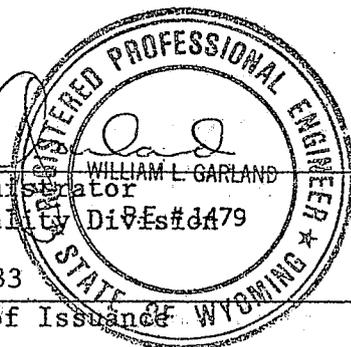
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AUTHORIZED BY:



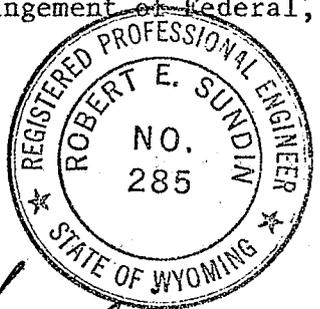
WILLIAM L. GARLAND
Administrator
Water Quality Division #1479
July 28, 1983

Date of Issuance





ROBERT E. SUNDMAN
Director
Dept. of Environmental Quality



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

cc: E.P. Kelley
P&M Coal Mining Co.
Northwestern Division
Frontier, WY 83121

DEQ/LQD-Lander

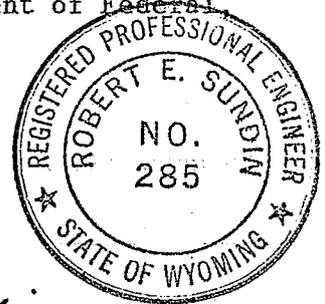
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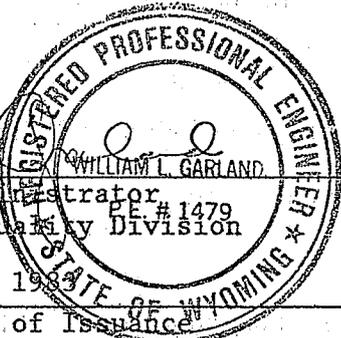
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AUTHORIZED BY:




William L. Garland
Administrator
Water Quality Division
July 28, 1983
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: DEQ/LQD-Lander

DEPARTMENT OF ENVIRONMENTAL QUALITY

STATE OF WYOMING

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

(X) New
() Modified

Permit Number:
GPC 83-381
Miscellaneous

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),

Wyoming State Highway Department
ATTN: Charles H. Wilson
P.O. Box 1708
Cheyenne, WY 82002-9019

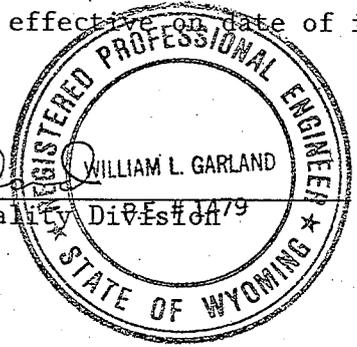
is authorized to operate

four stormwater runoff drainage wells in the N1/2 Section 6, T13N, R66W and S1/2 Section 31, T14N, R66W, Laramie County, as miscellaneous discharges to groundwater

according to procedures and conditions of the application GPC83-381 and requirements and other conditions of this permit.

This permit shall become effective on date of issuance.

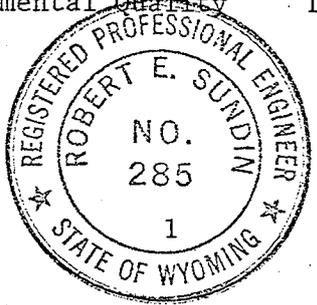
William L. Garland
Administrator - Water Quality Division
1111 East Lincolnway
Cheyenne, WY 82002
Phone: (307) 777-7781



August 19, 1983
Date

Robert E. Sundin

Director - Department of Environmental Quality
401 West 19th Street
Cheyenne, WY 82002



Aug 22, 1983
Date

A. Discharge (Injection) Zone and Area of Review

The discharge zone is the subsurface interval at 2-20 feet below the ground surface and as identified in Wyoming Project I-180-1(11), drain details, UP Railroad overpass, both northbound lane (NBL) and southbound lane (SBL), Cheyenne Interstate Spur.

The area of review is the circular area described as having its center in the vicinity of each subject drain and a minimum radius of one-quarter mile.

B. Groundwater Classification

Background water quality has not yet been established. Groundwater apparently has been impacted locally by petroleum products.

C. Authorized Operations

The permittee is authorized to discharge stormwater runoff from a portion of the Central Avenue (NBL) bridge and from a portion of the Warren Avenue (SBL) bridge.

Permittee has reported that the area contributing stormwater is less than two acres in size. The stormwater will drain into a buried drainage system that allows the stormwater to percolate into the groundwater underlying the railroad yards. The drainage system consists of four distinct sets of perforated conduits. The drain pipes discharge to 48 inch manholes. Each manhole is connected to a 70 foot length of 36 inch perforated pipe. This pipe is located at a minimum of two feet below the ground surface. The horizontal pipe discharges to a 12 inch perforated pipe which extends vertically to a depth of 20 feet. The four distinct drainage conduits are located at piers 8 and 10 on the northbound lane and piers 7 and 10 on the southbound lane.

No other use for or by the drainage system is authorized by this permit.

D. Proper Operation and Maintenance

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

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

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

E. Entry and Inspection

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

1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of 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:

Initial groundwater samples will be collected by DEQ/WQD as a cooperative state agency for the purpose of determining groundwater quality.

G. Requirements for Monitoring the Discharge

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

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 useable 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 useable 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.

Public notice prior to the issuance of the permit is not required.

Existing regulations do not require public notice of the permit review and request for public comment every ten years, for this discharge.

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:

Not required for permit issuance for this discharge.

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.

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:

Immediately following the permanent cessation of subsurface discharge, the drainage system will be removed or properly plugged in such a manner that no further discharge can enter the system.

M. Duties of the Permittee

It is a duty of the permittee to:

1. Comply with all permit conditions;

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

N. Financial Responsibility

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.

Certification of financial responsibility is waived.

O. Special measures the Director finds necessary:

Any spills or unusual discharges entering the system will be addressed in a manner that will prevent any impact to the groundwater.

P. Special permit conditions:

Pollution or waste which migrates into an aquifer containing a useable 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

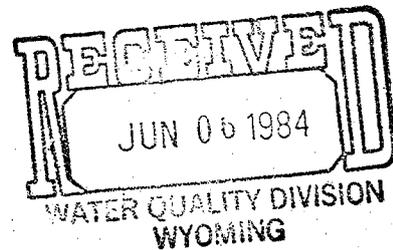
2161 COFFEEN AVENUE,
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

June 5, 1984

Mr. Doyl Fritz
Western Water Consultants
P.O. Box 3042
Sheridan, Wyoming 82801



RE: Sierra Construction Wastewater Pond No. 1
Permit to Construct No. 83-382

Dear Doyl:

This is in reply to your letter of May 4, 1984, requesting permission to use substitute soils in lining the sandstones exposed during construction of the pond.

The request has been reviewed by myself and Mr. Dick Lennox of this agency's groundwater section. We have no objection to use of the soil with $K = 2.5 \times 10^{-7}$ cm/sec, provided:

- 1) The soil liner is placed to a depth of three feet, and compacted to 95% relative density, as described in the specifications and your letter, and
- 2) The inspection and report required by the Permit thoroughly and completely document that the liner is properly placed.

If you have any further questions, please let me know.

Yours truly,

Tom Mueller

Tom Mueller
District Supervisor

TM:ls

xc: Norma Coulson
Dick Lennox

Water Quality Division
Groundwater Section
Permit Application Review

*Norma
Returned to
Sherridan*

Application Number Permit 83-382

Date Submitted For Review May 14, 1984

Name and Location of Facility Sierra Construction Whitewater Pond No. 1
S14 T42N R78W
Fahnestock Co.

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 *Richard J. Lunn*
Title *Eng. Eval*
Date *5-22-84*

Approved *5/22/84*
(Date)

ajm
(Signed)
Groundwater Control Supervisor



Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

M E M O R A N D U M

TO: A.J. Mancini, Groundwater Supervisor
FROM: R.J. Lennox, Engineering Evaluator *RL*
DATE: May 22, 1984
SUBJECT: Sierra Construction Wastewater Pond Number I; 83-382
REFERENCE: Western Water Consultants, Inc., Doyle M. Fritz, Letter of
May 4, 1984

- 1) I have reviewed the subject permit application in view of the referenced letter from Mr. Doyle M. Fritz and recommend the following:
 - a. That the soil found in reasonable proximity to the site with a K of 2.5×10^{-7} cm/sec and identified as sample "212" be used for a liner. This liner to be compacted (95 percent relative density) to a 3-foot layer in the affected area; and,
 - b. That the compaction and placement of the liner material be verified by an appropriate soils engineer or laboratory.

cc: Tom Mueller, District I Area Engineer

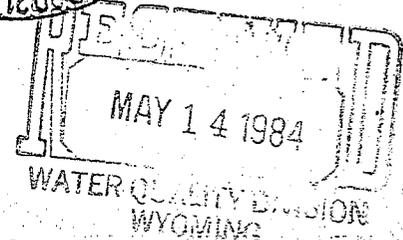
WESTERN WATER CONSULTANTS, INC.

Engineering Hydrology and Hydrogeology

Paul A. Rechard, P.E. & L.S.
P.O. Box 4128
410 Grand Avenue, Suite 213
Laramie, Wyoming 82071
(307) 742-0031

Doyle M. Fritz, P.E.
P.O. Box 3042
2 North Main, Suite 405
Sheridan, Wyoming 82801
(307) 672-0761

May 4, 1984



Mr. Tom Mueller
Department of Environmental Quality
Water Quality Division
2161 Coffeen Ave., Suite 301
Sheridan, Wyoming 82801

Re: Sierra Construction Wastewater Pond No. 1, Permit No. 83-382

Dear Tom:

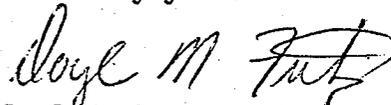
As you were previously advised, during my December 6, 1983 inspection of construction of the above-referenced pond it was determined that sandstone was exposed in approximately the southeastern one-third of the floor of the pit. In compliance with the specifications provided with the permit application (p. 17), work ceased on the pond and efforts were begun to find a soil suitable for use in lining this portion of the pond floor.

Three soil types were investigated. None has the desired permeability (k) of 1×10^{-7} cm/sec. The best soil found in reasonable proximity to the site has a k of 2.5×10^{-7} cm/sec. A report on this soil prepared by Chen and Associates is attached hereto.

In view of the relatively low head that will be placed on this liner (liquid depth = 6 feet, see Map to Accompany Application, Sheet 1, in the Permit to Construct Application), the nature of the waste water to be placed in the pond (excess drilling fluid), and the fact that only about one-third of the total pond area is thus affected, we respectfully request permission to place a compacted (95 percent relative density), 3-foot layer of this soil in the affected area. The effect of this would be that the seepage rate through this portion of the pond would be about 1.06×10^{-2} gal per day rather than the 4.2×10^{-3} gal per day that would result from the use of a soil with a k of 1.0×10^{-7} cm/sec.

If you have any questions concerning this request please do not hesitate to call me.

Sincerely yours


Doyle M. Fritz, P.E.

DMF/vs
Enc.



SOIL & FOUNDATION
ENGINEERING

chen and associates, inc.

CONSULTING ENGINEERS

900 EAST F STREET • CASPER, WYOMING 82601 •
96 S. ZUNI • DENVER, COLORADO 80223 •



RECEIVED DATE 4/30/84
Western Water Consultants
SHERIDAN, WY

April 19, 1984

Subject: Laboratory Testing of Submitted
Samples for the proposed Oil Field
Wastewater Containment Pond to be
located near Lynch, Wyoming

Job No. 3-51-84-16-215(1)

Sierra Construction
P.O. Box 210
Lynch, Wyoming 82640

Attention: Ms. Margie McReynolds

Dear Ms. McReynolds:

This letter transmits the results of the laboratory testing performed on the samples submitted to our laboratory on March 21, 1984. The samples were identified as "212" and "Lohce" when submitted. We understand that one or both of the materials submitted will be used to construct an impermeable liner for the proposed oil field wastewater containment pond to be located near Lynch, Wyoming.

Both samples were tested for Atterberg limits and gradations; test results are presented on Fig. 1. Based on our discussion and laboratory test results, a remolded permeability test was performed on Sample "212". Additional material was submitted by you to our laboratory and the standard engineering index properties and a moisture-density curve was determined for this material; test results are presented on Fig. 2. Permeability testing was conducted on the remolded sample in accordance with Designation E-13, Permeability and Settlement of Soils as outlined in the Earth Manual, Second Edition, U.S. Department of the Interior. When remolded to 95% of its maximum standard Proctor dry density, Sample "212" has a permeability rate on the order of 2.5×10^{-7} centimeters per second. Results of the remolded permeability test are presented in Table I.

If we can be of further service, please call.

Sincerely yours,

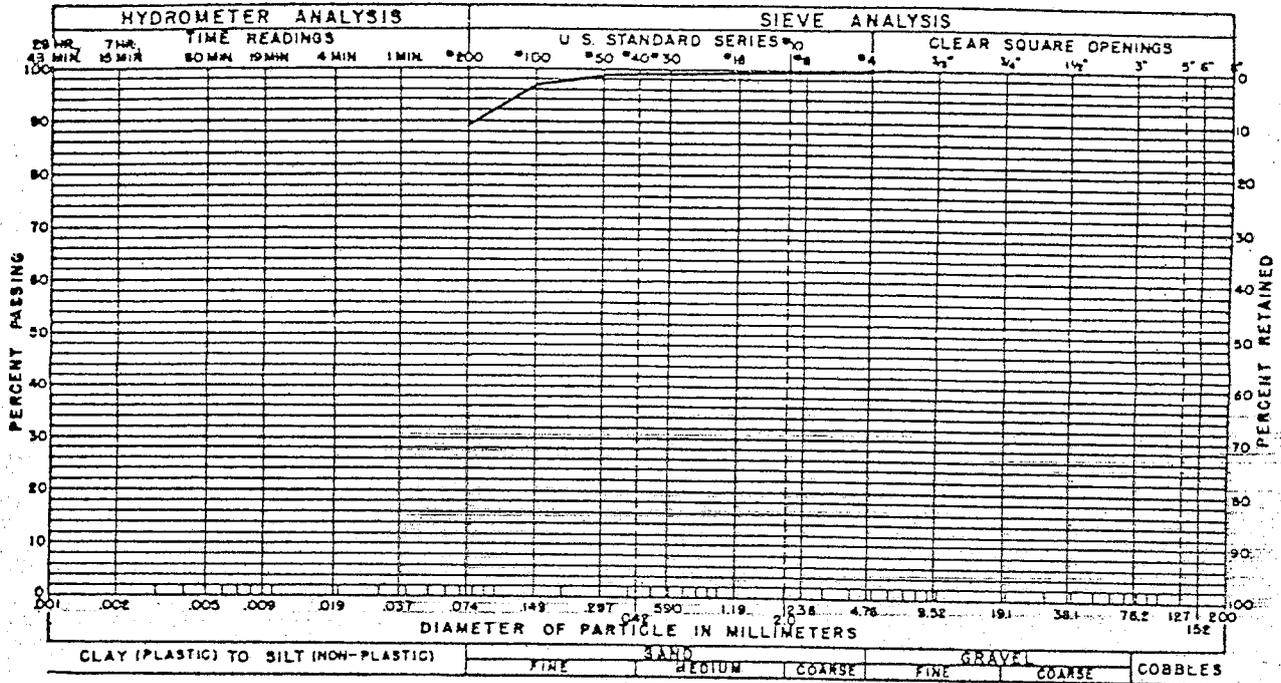
CHEN AND ASSOCIATES, INC.

BY Robert N. Temme
Robert N. Temme

RNT:bec
Attachments

CHEN AND ASSOCIATES

Consulting Soil and Foundation Engineers

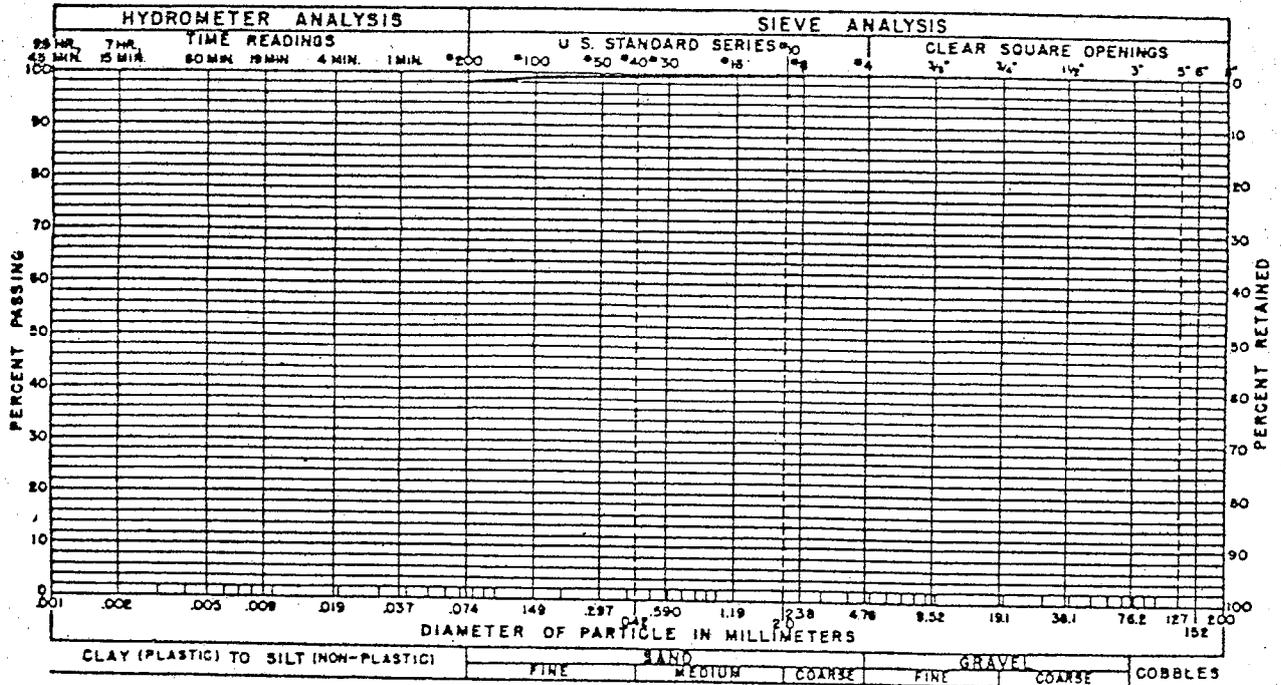


CLAY (PLASTIC) TO SILT (NON-PLASTIC) SAND GRAVEL

GRAVEL 0 % SAND 11 % SILT AND CLAY 89 %

LIQUID LIMIT 30 % PLASTICITY INDEX 10 %

SAMPLE OF Sandy Clay FROM "212"



CLAY (PLASTIC) TO SILT (NON-PLASTIC) SAND GRAVEL

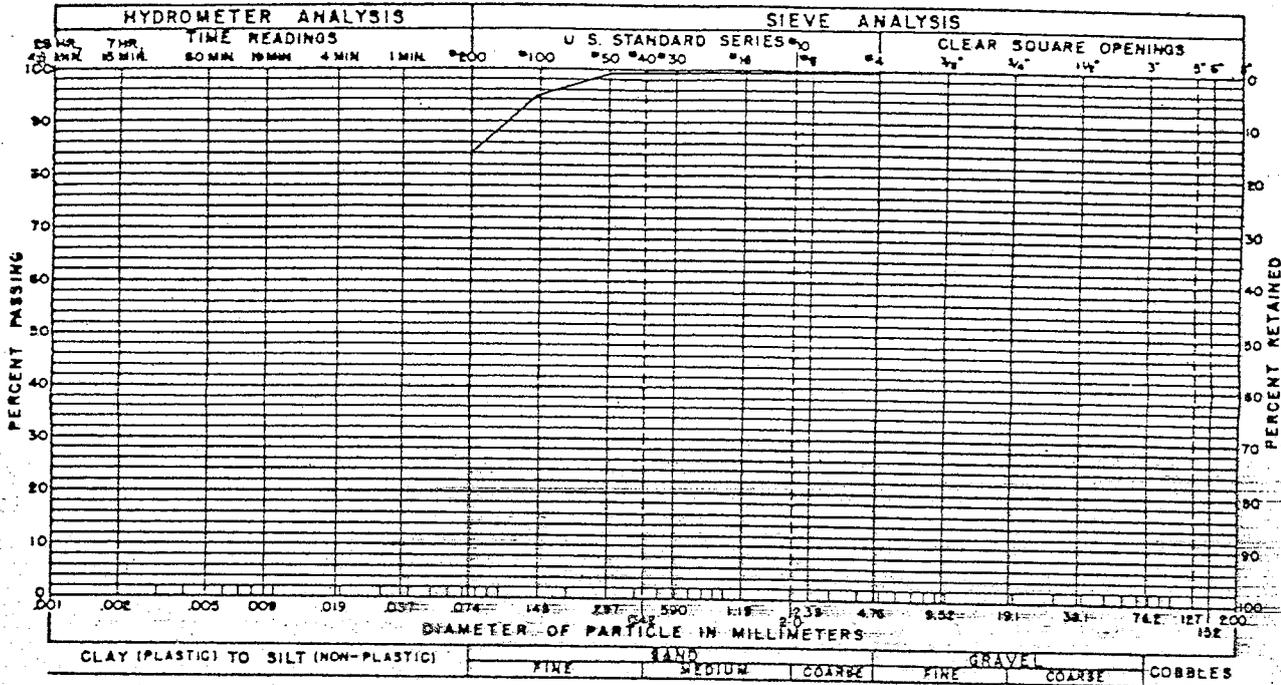
GRAVEL 0 % SAND 2 % SILT AND CLAY 98 %

LIQUID LIMIT 39 % PLASTICITY INDEX 16 %

SAMPLE OF Clay FROM "Lohce"

CHEN AND ASSOCIATES

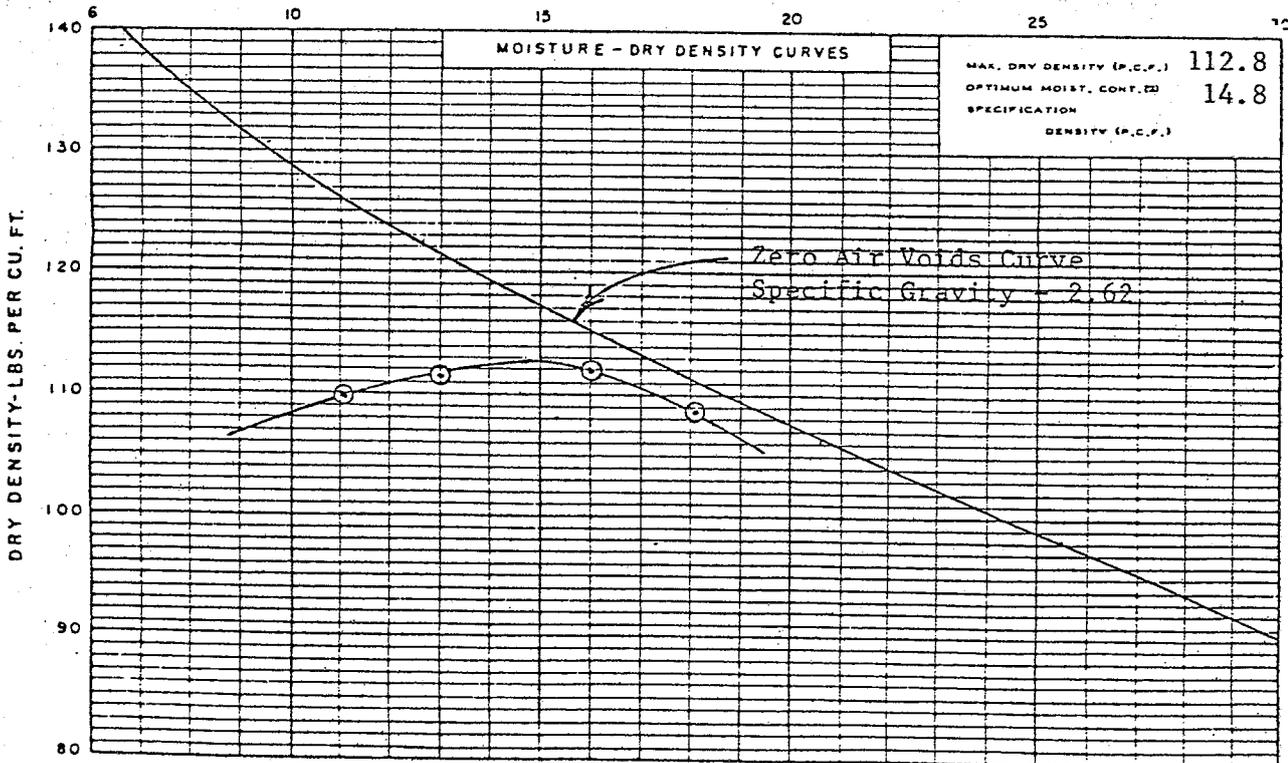
Consulting Engineers
Soil and Foundation Engineering



GRADATION TEST RESULTS

GRAVEL 0% SAND 16% SILT AND CLAY 84%
 LIQUID LIMIT 32% PLASTICITY INDEX 16%

MOISTURE - PERCENT OF DRY WEIGHT



COMPACTION TEST RESULTS

COMPACTION TEST PROCEDURE ASTM D 698-78, Method A

SAMPLE OF Sandy Clay

FROM "212"

DEPTH

TABLE I

REMOLDED PERMEABILITY

<u>Sample</u>	<u>Remolded Density (pcf)</u>	<u>Remolded Moisture (%)</u>	<u>Permeability (cm/sec)</u>
212	108.5	14.6	2.5×10^{-7}

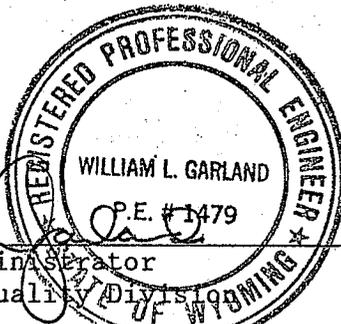
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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.

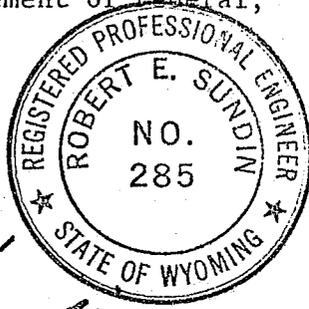
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


William L. Garland

Administrator
Water Quality Division
STATE OF WYOMING
8/19/83

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.

Conditions
Permit to Construct 83-382

1. The permittee shall secure the services of an independent construction inspector, soils scientist, or engineer to be present during all construction at the pond site proper; to determine compliance with those sections of the specifications dealing with a) actions to be taken in the event sandstone or other permeable material is encountered; b) installation, if necessary, of a compacted clay liner over such sandstone; c) placement, moisture control, and compaction requirements for all fills. Permittee shall also cause a report to be submitted, by such independent observer, to the Water Quality Division at the address below, stating the extent of compliance or non-compliance of the facilities with the specifications, within thirty (30) days of the time construction is completed or wastewater is introduced into the ponds, whichever is earlier.

Water Quality Division
Attn: Tom Mueller
2161 Coffeen Ave, Suite 301
Sheridan, WY 82801

2. This pond is to be used solely for the purposes described in the application, i.e., the evaporative disposal of drilling fluids. It may be used for disposal of wastewater produced with petroleum recovery operations, provided written permission is obtained for such disposal from this agency at the above address prior to such disposal.

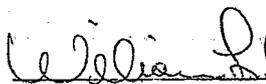
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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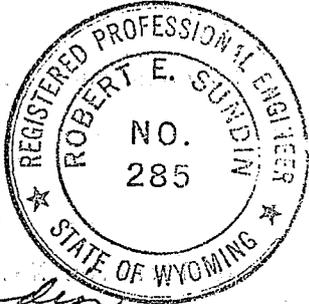
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AUTHORIZED BY:



Administrator # 1479
Water Quality Division
October 27, 1983
Date of Issuance



Director
Dept. of Environmental Quality

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

CONDITION

No coal mine pit water or process water shall be introduced into this pond until such time as the Belle Ayr Mine discharge permit (NPDES No. WY-0003514) has been appropriately modified.

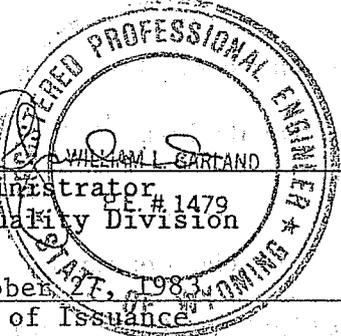
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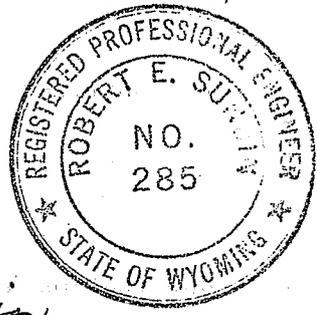
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AUTHORIZED BY:


William L. Garland

Administrator
Water Quality Division
PE # 1479
October 1983

Date of Issuance


Robert E. Sardin

Director
Dept. of Environmental Quality

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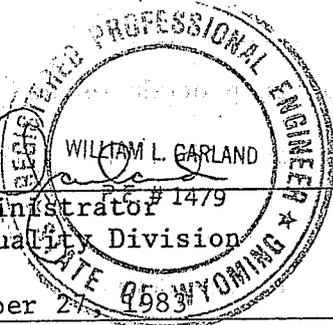
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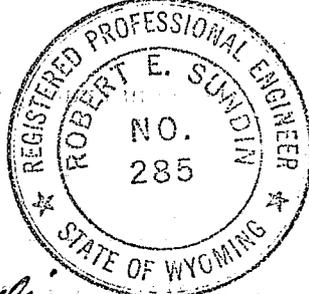
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AUTHORIZED BY:


William L. Garland
WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
October 21, 1983
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

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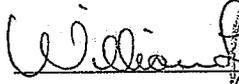
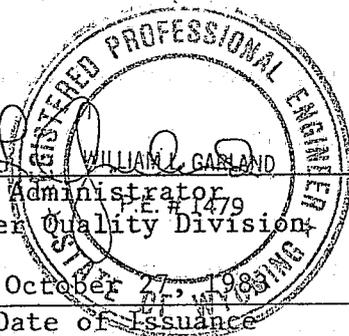
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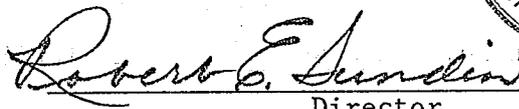
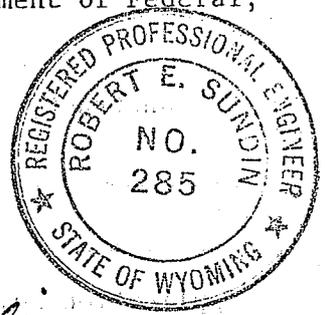
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AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator
Water Quality Division
P.E. # 1479
October 27, 1988
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.

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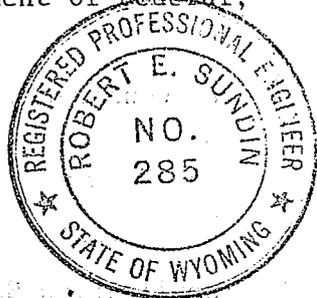
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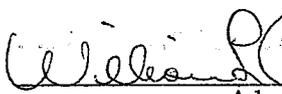
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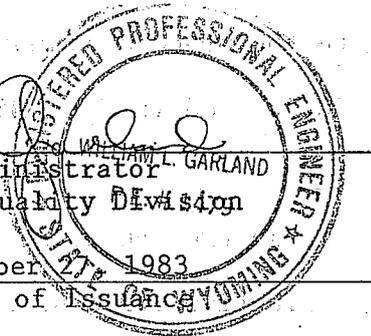
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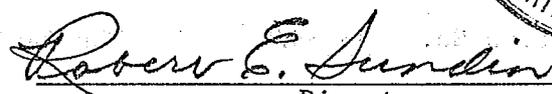
AUTHORIZED BY:





Administrator
Water Quality Division
October 1983
Date of Issuance

A circular seal for a Registered Professional Engineer. 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".



Director
Dept. of Environmental Quality

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

CONDITION

No coal mine pit water or process water shall be introduced into this pond until such time as the Belle Ayr Mine discharge permit (NPDES No. WY-0003514) has been appropriately modified.

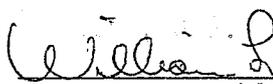
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AUTHORIZED BY:


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

October 27, 1983
 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.

CONDITION

No coal mine pit water or process water shall be introduced into this pond until such time as the Belle Ayr Mine discharge permit (NPDES No. WY-0003514) has been appropriately modified.

83-389R



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

November 7, 1983

Mr. Frank Ferris
AMAX Coal Company
P.O. Box 3005
Gillette, Wyoming 82716

Dear Frank:

Enclosed are the Permits to Construct for Sediment Reservoirs BA31, BA32, BA33, BA34, BA35, BA36, and the Tank Battery Draw Reservoir. Since Northwest Reservoir has already been constructed, no Permit will be issued. It appears to meet with all Water Quality Division requirements, and you may consider it approved. No pit or process wastewater should be introduced into Northwest Reservoir, however, until the Belle Ayr NPDES permit has been appropriately modified.

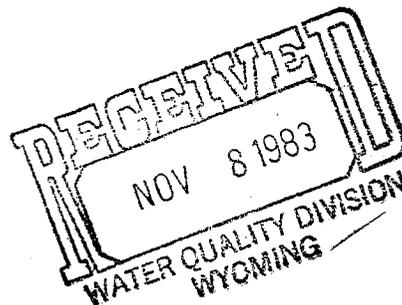
Yours truly,

Tom Mueller
District Supervisor

TM:ls

Enclosures

xc: Nick Tiffany, LQD
Norma Coulson, WQD



REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

2161 Coffeen Ave., Suite 301

Sheridan, Wyoming 82801

PROJECT: Northwest Reservoir and Reservoirs BA31, BA32, BA33, BA34, BA35 and BA36

ARCHITECT OR ENGINEER: Frank K. Ferris
AMAX Coal Company
P.O. Box 3005
Gillette, WY 82716

WATER QUALITY DIVISION REFERENCE NUMBER: 83-383 through 83-389

REVIEWING ENGINEER: Tom Mueller *TJM*

DATE OF REVIEW: 8/23/83

ACTION: Not Authorized for Construction

COMMENTS:

1. Please supply copies of the calculations used to size the reservoirs.
2. Specifications for the keyways and cores on applicable dams should indicate source and minimum acceptable qualities of the keyway/core material, lift thickness, and moisture content limits, as well as compaction to be achieved.
3. Please indicate that AMAX has access to pumps of sufficient size to dewater the reservoirs in reasonable periods of time, so as to assure the ability to store 10-year 24-hour storm event runoff.

Water Quality Division
Groundwater Section
Permit Application Review

Norma,
Tong has

Application Number 83-382

Date Submitted For Review 8-1-82

Name and Location of Facility Sierra Construction Wastewater Pond No. 1
Sec 14, T42N R 78W
Johnson Co.

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

- No Comment. The submittal is consistent with current groundwater protection procedures and requirements.
- Comments attached.

Signed Richard J. Lennus
Title Eng. evaluator
Date 8-1-83

Approved 8/1/83
(Date)

[Signature]
(Signed)
Groundwater Control Supervisor

Returned
to Sheridan
7-19-83

Water Quality Division
Groundwater Section
Permit Application Review

Application Number 83-383 thru 83-389

Date Submitted For Review 7/19/83

Name and Location of Facility Amay Coal Co
Belle Ayr Mine, South Pit Sed. Cont. Plan.
Sec 29, 33, 34-48N-71W, Campbell Co,

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 ajm

Title _____

Date _____

Approved 7/19/83
(Date)

ajm
(Signed)
Groundwater Control Supervisor

8-16-83

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-390R
 * SEE CONDITION OF PERMIT *

PINE MOUNTAIN WASTEWATER DISPOSAL FACILITY
 (Name of Facility)

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

Amerada Hess
P. O. Box 2040
Tulsa, OK 74102

to construct, install, or modify a sanitary wastewater disposal facility consisting of three (3) ratholes and associated piping

facility according to the procedures and conditions of the application No. 83-390R. The facility is located in
Sec. 35, T35N, R84W

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

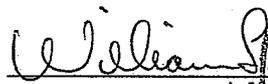
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

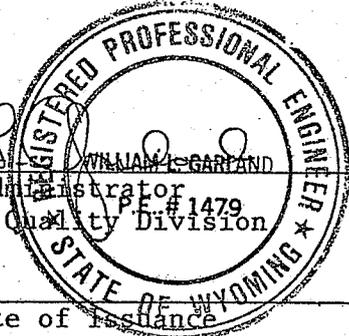
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

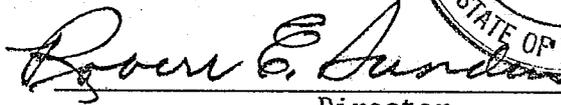
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AUTHORIZED BY:



WILLIAM S. GARLAND
Administrator
P.E. # 1479
Water Quality Division




ROBERT E. SUNDIN
Director
Dept. of Environmental Quality


August 8, 1983

Date of Issuance

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

* CONDITION OF PERMIT *

The Permittee shall notify representatives of the Natrona County Health 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 prior to backfilling. The authorized representative in your area can be contacted at the following address:

Nix Anderson
Natrona County Health Department
1200 East 3rd
Casper, WY 82601

FL:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Pine Mountain Wastewater Disposal Facilities

ENGINEER: David J. Rathbun
Inberg-Miller Engineers
124 East Main Street
Riverton, WY 82501

OWNER: Amerada Hess
P. O. Box 2040
Tulsa, OK 74102

WATER QUALITY DIVISION REFERENCE NUMBER: #83-390

REVIEWING ENGINEER: Francis LaBarge *FL*

DATE OF REVIEW: July 19, 1983

ACTION: Not authorized.

COMMENTS: A review of your application has been completed. Before a permit to construct can be authorized, the following points need to be resolved:

1. Please show the location of the third rathole and trailer on the Plan Sheet.
2. The sewer service lines must be at least 4 inches in diameter.
3. The Engineering Report states that if freezing becomes a problem, the service lines will be buried approximately 6 feet below the ground surface. How can this be done without plugging the ratholes? An acceptable alternative to burying the pipes would be to insulate them and extend a drop pipe in the rathole to a depth of ± 6 feet. An insulated cover should also be provided for each hole. This method should prevent freezing and, in addition, it is required that the ratholes be covered anyhow. Please provide a cover detail.
4. The minimum slope of the sewer lines needs to be indicated on the plans.
5. What is the source of potable water for the project? Please show the location of any water tanks and water lines and indicate the separation distance between them, the sewer lines and ratholes. Water and sewer lines must be separated horizontally by 10 feet and the risers by 5 feet. Water tanks and water lines must be at least 25 feet from the ratholes.
6. Because the possibility exists that the holes may have to be pumped out, the following letters are required before the construction permit can be authorized:

- A letter from Amerada Hess stating the holes will be pumped if and when sewage

ABC

should rise to within 4 feet of the bottom of the drop pipe.

- A letter from the hauler agreeing to haul the waste and stating where it will be disposed of.

- A letter from the disposal site agency agreeing to accept the waste.

7. The drawings need to be signed or stamped by the engineer.

Please submit four copies of the required information and revised plans to this office. If you have any questions, please call me.

FL:dcn

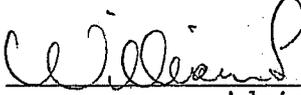
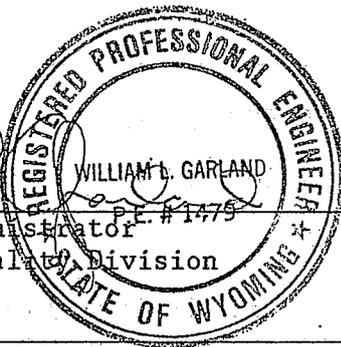
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

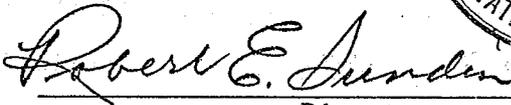
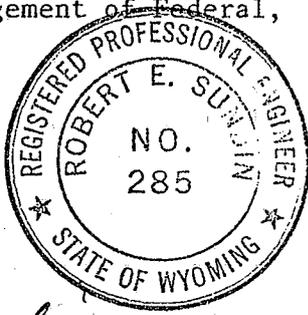
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

July 19, 1983
Date of Issuance



ROBERT E. SUNDIR
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.

FL:dcn

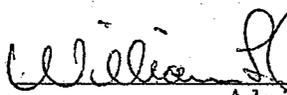
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

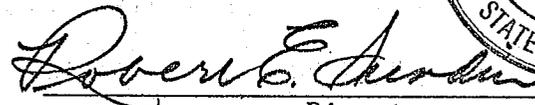
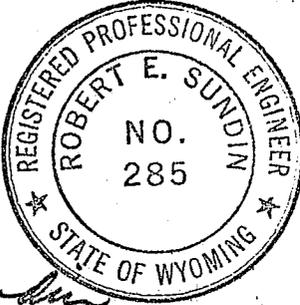
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The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal,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

AUTHORIZED BY:



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



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

August 5, 1983

Date of Issuance

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

JCH:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Ten Sleep Highway Department Building

ENGINEER: Ronald J. Nelson
Nelson, Melius and Associates
331 Main St.
Lander, WY 82520

OWNER: Wyoming Highway Department
c/o Dehnert, Richardson, Bensman
350 Garfield
Lander, WY 82520

WATER QUALITY DIVISION REFERENCE NUMBER: #83-392

REVIEWING EVALUATOR: Jeff C. Hermansky



DATE OF REVIEW: July 20, 1983

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 the applicant or by a representative who can document legal authorization to sign for the owner.
2. The plans show wastewater from the trench drains being disposed of through the septic tank - leach field after passing through an oil eliminator. What is the maximum volume of wastewater generated by sources other than sanitary sewage per day?
3. Please show a detail of the oil eliminator.
4. The plans must show a reinforcing bar detail for the septic tank cover.
5. Tar paper is not permitted between the leach gravel and trench backfill in the leach trenches. You may specify a couple of inches of straw, untreated building paper, or synthetic filter fabric.
6. The leach trenches must be 6 feet apart measured from edge of trench to edge of trench--not 6 feet centerline to centerline.
7. I would recommend that the ends of the four proposed leach lines be connected with leach pipe. This will allow for better utilization of the leach lines in the event of a blockage.

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

JCH:dcn

ABC

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-393

Casper Connection and Water System Upgrading
(Name of Facility)

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

Casper Board of Public Utilities

200 N. David Street

Casper, WY 82601

to construct, install, or modify a public water supply distribution system facility according to the procedures and conditions of the application No. 83-393. The facility is located in Sections 22 and 23, T33N, R80W 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.

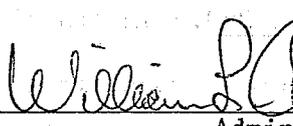
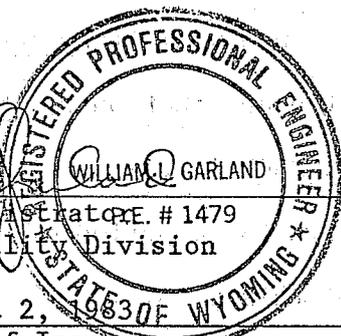
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

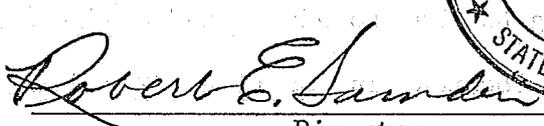
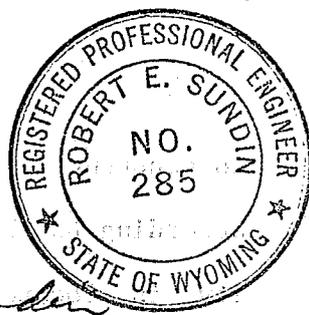
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, 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 # 1479
Water Quality Division
August 2, 1983
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: John Donmyer
HNTB
P.O. Box 3478
Casper, WY 82602

*Department of Environmental Quality**Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

Certified - P 399 271 442

City of Lander
183 South 4th Street
Lander, Wyoming 82520

RE: Small Hydro Electric Unit at WTP, Permit No. 83-394

Dear Mayor McOmie:

Your 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 allowed.

Sincerely,

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

William L. Garland
Administrator

cc. File ..
Norma Coulson



Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 6, 1985

CERTIFIED P 399 271 398

City of Lander
183 S. 4th
Lander, WY 82520

Dear Gentlemen:

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>City of Lander, Small Hydro Electric Unit at Water Treatment Plant</u>
DEQ/WQD Reference Number:	<u>83-394</u>
Engineering Consultant:	<u>John Tsern, Western Design Consultants</u>
DEQ/WQD Review Engineer:	<u>Steve Gerber</u>
Date of DEQ/WQD Review:	<u>July 19, 1983</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.

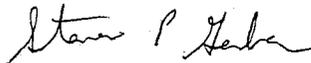
_____ The application will be resubmitted within thirty (30) days.

_____ 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,



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

SG/jw



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

March 7, 1984

City of Lander and
Western Water & Energy Corp.
183 S. 4th
Lander, WY 82520

Dear Sir:

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>City of Lander Small Hydro Electric Unit at Water Treatment Plant</u>
DEQ/WQD Reference Number:	<u>#83-394</u>
Engineering Consultant:	<u>John F. Tsern, Western Design Consultants</u>
DEQ/WQD Review Engineer:	<u>Ed Baruth, P.E.</u>
Date of DEQ/WQD Review:	<u>July 19, 1983</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 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 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,

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

Ed Baruth, P.E.
Northwest District Supervisor

EB:dcn

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Hydro Electric Unit at Water Treatment Plant

ENGINEER: John Tsern
Western Design Consultants
357 W. 200 South
Salt Lake City, UT 84101

OWNER: City of Lander and Western Water and Energy Corp.
183 South 4th Street
Lander, WY 82520

WATER QUALITY DIVISION REFERENCE NUMBER: #83-394

REVIEWING ENGINEER: Francis LaBarge *FL*

DATE OF REVIEW: July 19, 1983

ACTION: Not authorized.

COMMENTS: Your application for a permit to modify the City of Lander water system by installing a hydro-electric unit in the system has been received. Upon review, the application has been found to be incomplete. The application must contain detailed construction drawings, material and construction specifications and an engineering report. It is also required that the plans and specifications be sealed by an engineer licensed in the State of Wyoming.

For further details of what the application must include, please refer to Part 1 of the 1976 Edition of Recommended Standards For Water Works (copy enclosed). Please submit 3 complete copies of your revised application to this office. If you have any questions, please call me.

FL:dcn
Enclosure

ABC

PERMIT TO CONSTRUCT

New

Permit No. 83-395

Renewal

Modified

Green River 12" Main on Uinta Drive - Phase I
(Name of Facility)

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

Pacific Power & Light Co.

920 S.W. Sixth Avenue

Portland, Oregon 97204

to construct, install, or modify a 2150 ft. of 12 inch AC water main and appurtenances.

_____ facility according to the procedures and conditions of the

application No. 83-395. The facility is located in _____

Sec. 27, T18N, R107W, (on Uinta Drive from Shoshone Avenue

to Indian Hills Drive) 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-

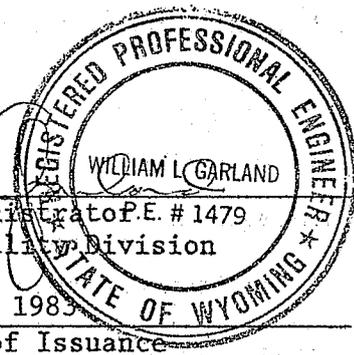
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

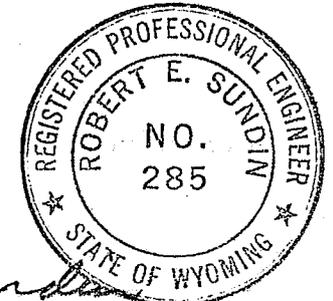
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

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
July 27, 1983
Date of Issuance



Director
Dept. of Environmental Quality

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

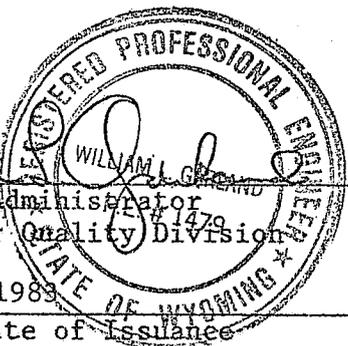
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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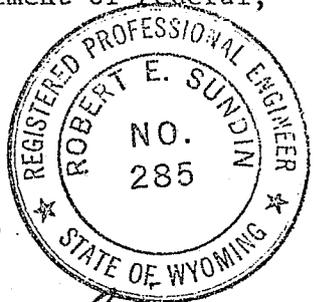
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


William J. Gherard

Administrator
Water Quality Division
August 24, 1988

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: P P & L
Robert L. Svendsen
920 S.W. Sixth Avenue
Portland, OR 97204



Department of Environmental Quality
Water Quality Division

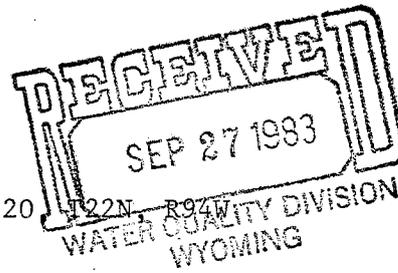
165 EAST RAILROAD AVENUE

GREEN RIVER, WYOMING 82935

TELEPHONE 307 875-5911

September 23, 1983

Jim Larson
Equity Oil Company
Suite 806
10 W. 3rd South
Salt Lake City, UT 84101



Re: Red Desert 20-1 Wastewater Facility, Sec. 20, T22N, R94W, S94E
Sweetwater County, (DEQ/WQD 83-397R)

Dear Mr. Larson:

I have completed the review of the above mentioned facility plans. Since you have moved off the site and the threat of groundwater contamination was minimal, I am withdrawing this application. The withdrawal of this application does not relieve Equity Oil Company of responsibility for any possible environmental damage incurred at the site.

To avoid this problem in the future I would like to re-emphasize the importance of obtaining a "Permit to Construct" prior to development. Also, because sanitation (rat) holes create a high risk for groundwater contamination, this department discourages their use.

If Equity Oil Company plans on doing a lot of drilling in the State of Wyoming it may be advantageous to apply for a Statewide Small Wastewater Treatment Facility Permit. If you have any questions regarding this type of permit or other Department of Environmental Quality requirements please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Jack Bedessem".

Jack Bedessem
Water Quality Engineering Evaluator
Southwest District

JB:mpm

cc: Jake Strohmman-Cheyenne DEQ/WQD
File (2)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
165 E. Railroad Ave.
Green River, Wyoming 82935
Phone: (307) 875-6911

PROJECT: Equity Oil Co. Red Desert 20-1 Wastewater Disposal Facility

ENGINEER: Thomas E. Nelson
Powers Elevation Co.
860 Sussex
Casper, WY 83609

OWNER: Equity Oil Co.
ATTN: A. K. Clayton
Suite 806
No. 10 W. 3rd S.
Salt Lake City, UT 84101

WATER QUALITY DIVISION REFERENCE NUMBER: 83-397

REVIEWING EVALUATOR: Jack Bedessem *JB*

DATE OF REVIEW: August 3, 1983

ACTION: NOT AUTHORIZED

COMMENTS: An initial review of your plans and specifications has been made. Before the review can be completed the following points need to be resolved or addressed.

1. Information is needed as to the depth to groundwater.
2. Information is needed as to the water supply for the drill site (well, surface water, hauled in, etc.). If the water supply is a well, the following information is needed.
 - a. depth of static water level in well.
 - b. location of well in relation to sanitation holes (indicate on plan sheet).
 - c. address any water wells with in 1/2 mile of drill site.
3. The plan sheet should include the location of buildings, sanitary waste disposal piping, water lines, etc.
4. The use of sanitation (rat) holes is discouraged by this department. If they are to be used, they, like any other wastewater treatment disposal facility, must be authorized by DEQ/WQD. Please note that only domestic sanitary wastewater is to be disposed in these sanitation holes.

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

ABC

9-21-83

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-398RR

Hiawatha Camp Wastewater Treatment Facility
(Name of Facility)

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

Mountain Fuel Supply Company

P.O. Box 1129

Rock Springs, WY 82901

to construct, install, or modify a wastewater collection system and septic tank/leach field system to serve a man camp facility according to the procedures and conditions of the application No. 83-398RR. The facility is located in Section 24, T12N, R100W 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.

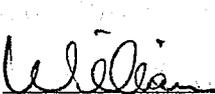
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

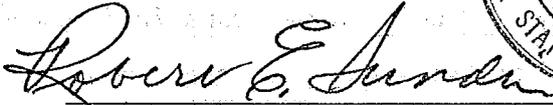
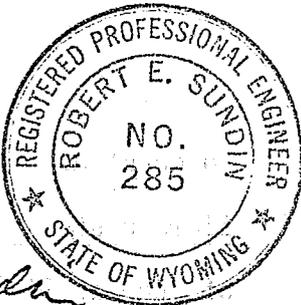
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875, 6911.

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. GARDANO
Administrator #1479
Water Quality Division
September 6, 1983
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 a representative of the Sweetwater County Sanitarian's 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:

Al Emden
Sweetwater County Sanitarian
205 East Railroad Ave.
Green River, WY 82935
Telephone: 875-2115

cc: Larry Bodyfelt
Mountain Fuel Supply Co.
P.O. Box 1129
Rock Springs, WY 82901

Norma



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

M E M O R A N D U M

TO: Tony Mancini
FROM: Bill Ewen
DATE: August 29, 1983
SUBJECT: Hiawatha Camp Sewer Improvements; Application #83-398

I have reviewed the subject application and have the following comments:

- 1) All water wells within one-fourth mile of the proposed leach field should be identified.
- 2) Applicant should provide documentation for the 50 foot depth to groundwater that was stated in the application.

cc: Jack Bedessem, DEQ, Green River



Department of Environmental Quality
Water Quality Division

165 EAST RAILROAD AVENUE

GREEN RIVER, WYOMING 82935

TELEPHONE 307 875-6911

August 3, 1983

E. J. "Bill" Simpson
R.F.D.
Alpine, WY 83128

SUBJECT: "As Built" Wastewater Treatment Facility (Permit Number 83-399)
Sec. 20, T37N, R118W, Lincoln County

Dear Mr. Simpson:

This letter is in response to the above mentioned facility. After reviewing the plans and an onsite inspection, the facility appears to meet the minimum design standards for the State of Wyoming. A "Permit to Construct" cannot be issued owing to the fact that the facility has already been built. Please retain this letter as verification that the facility has been accepted by the Wyoming Department of Environmental Quality.

Sincerely,

A handwritten signature in cursive script that reads "Jack Bedessem".

Jack Bedessem
Water Quality Engineering Evaluator
Southwest District

JB:mpm

cc: Jack Kilroy
Carolyn Nield
Ross Turner
File

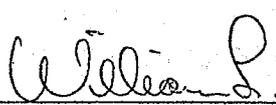
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

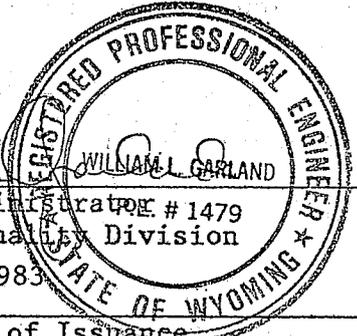
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 82935; telephone, 875-6911.

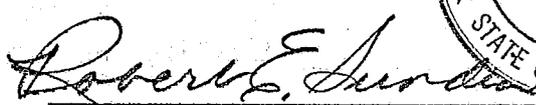
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

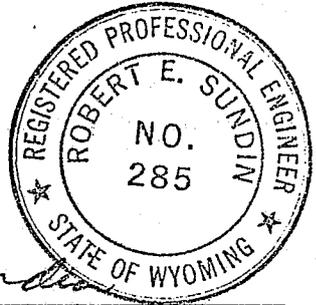
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
July 28, 1983
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: Eugene P. Smith
107 Broken Circle Dr,
Evanston, WY 82930