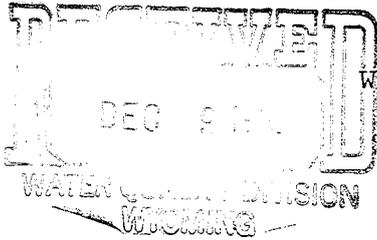


NORMA



REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Cordero Mine Extension to Reservoir #7971

ARCHITECT OR ENGINEER: James Francis  
Sunedco Coal Company  
7401 West Mansfield Ave., Suite 418  
Lakewood, Colorado 80235

WATER QUALITY DIVISION  
REFERENCE NUMBER: 82-701

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: December 7, 1982

ACTION: Not Authorized

COMMENTS:

1.) A separate application for a permit to construct should be submitted for each of the following:

- a. North Pond
- b. East Side Ditch and Pond
- c. East Ditch Extension

This will enable us to keep each facility separate in our record keeping. No new plans are needed; we will use the ones we have.

2.) What provisions are there for dewatering the North Pond, East Side Pond, and Reservoir 7971? (The proposed standpipe on sheet 4 for Reservoir 7971 is not entirely clear.) If pumps are to be used, this can simply be noted on the plans or in a letter.

3.) Are overflow spillways provided for the North and East Ponds?

Please call me with any questions.

xc: Jim Sutherland  
Box 1449  
Gillette, WY 82716

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-702

Bairoil Sewage Lagoon  
(Name of Facility)

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

Amoco Production Co.

P.O. Box 2520

Casper, WY 82602

to construct, install, or modify a sewage lagoon facility according to the procedures and conditions of the application No. 82-702. The facility is located in Section 11, T26N, R90W 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.

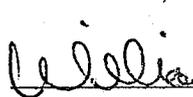
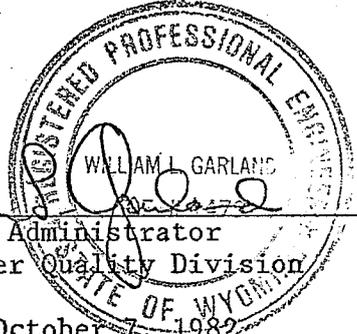
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

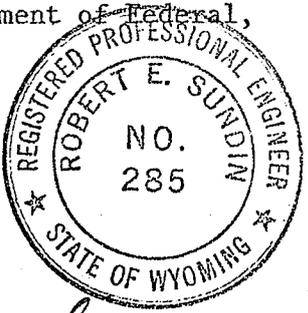
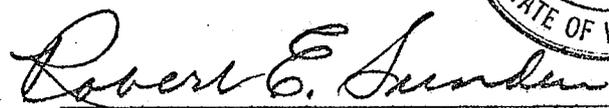
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

  
  
Administrator  
Water Quality Division  
October 7, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

AJB/ch/nc



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 3, 1982

Mr. J. D. Cutter  
Amoco Production Co.  
PO Box 2520  
Casper, WY 82601

RE: Bairoil Sewage Lagoon Modifications, 82-702

Dear Mr. Cutter:

On November 23, Jack Bedessem and I met with Amoco personnel, Don Adams and George Luke, to review the sewage lagoon modifications that were recently authorized by us. These modifications for the most part, were found to conform to the authorized plans. However, the items listed require some additional work:

1. The earthwork is in need of some finish work as soon as weather permits;
2. Splash pads are needed on the piping in both lagoons. These pads should be cast in place and fully encompass the perimeter of the pipe. This is especially true because the use of smooth pipe could provide a seepage path that could result in dike failure;
3. The flow measuring device needs to be installed.

As you know, Bairoil will be required to sample the two groundwater monitoring wells. I do not know the arrangement between the city and Amoco, but if at all possible, the City needs to be provided with a bailer and pH meter for this work.

Respectfully,

*Albert J. Berreth*  
Albert J. Berreth  
Area III Supervisor

AJB:ch

Enclosures (3)

cc: Bairoil - City Lou Bartlett  
Amoco, Bairoil-Don Adams  
Cheyenne DEQ/WQD  
File (2)

12-21-82

PERMIT TO CONSTRUCT

Permit No. 82-703

- New
- Renewal
- Modified

GATEWAY, INC. WASTEWATER COLLECTION LINE--  
CHURCHHILL STREET  
 (Name of Facility)

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

Gateway, Inc.  
1443 Sublette  
Rock Springs, WY 82901

to construct, install, or modify a approximately six hundred lineal feet at  
wastewater collection line and appurtences

facility according to the procedures and conditions of the  
application No. 82-703. The facility is located in

Sec. 34, T19N, R105W (Gateway, Inc. Housing Development)

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

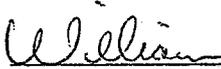
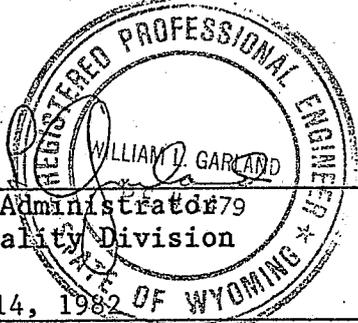
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

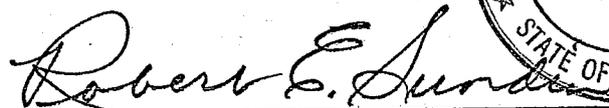
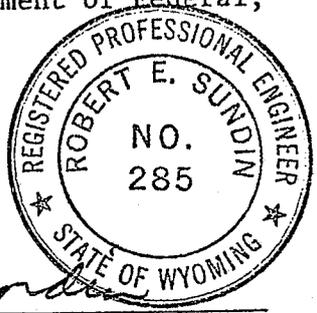
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
  
Administrator #79  
Water Quality Division  
December 14, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

PERMIT TO CONSTRUCT

12-21-82

- New
- Renewal
- Modified

Permit No. 82-704

GATEWAY, INC. WASTEWATER COLLECTION LINE---  
 WINSTON DRIVE/CHURCHILL STREET  
 (Name of Facility)

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

Gateway, Inc.  
 1443 Sublette  
 Rock Springs, WY 82901

to construct, install, or modify a \_\_\_\_\_  
 approximately three hundred lineal feet of wastewater collection line and appurtences.

\_\_\_\_\_ facility according to the procedures and conditions of the  
 application No. 82-704. The facility is located in \_\_\_\_\_

Sec. 34, T19N, R105W (Gateway, Inc. Housing Development)

\_\_\_\_\_ 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

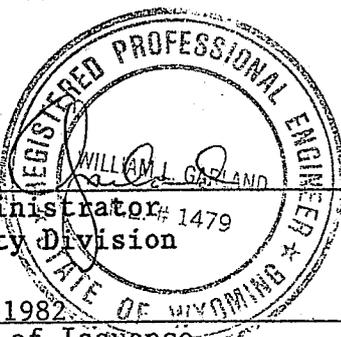
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

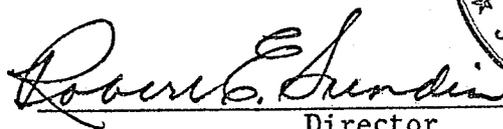
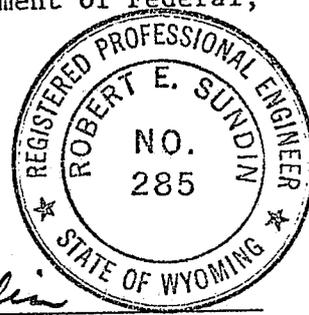
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
  
Administrator # 1479  
Water Quality Division  
December 14, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

12-20-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-705

BROKEN CIRCLE SUBDIVISION--LOT 8  
(Name of Facility)

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

Broken Circle Cattle Co.  
P. O. Box 725  
Evanston, WY 82930

to construct, install, or modify a \_\_\_\_\_  
 extension of water and sewer lines through Lot 8 of the Broken Circle Subdivision  
 \_\_\_\_\_ facility according to the procedures and conditions of the  
 application No. 82-705. The facility is located in \_\_\_\_\_  
 \_\_\_\_\_  
Sec. 27, T15N, R120W

\_\_\_\_\_ in the County of Uinta,  
 in the State of Wyoming. This permit shall be effective for a period of two (2)  
 years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

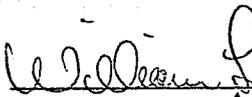
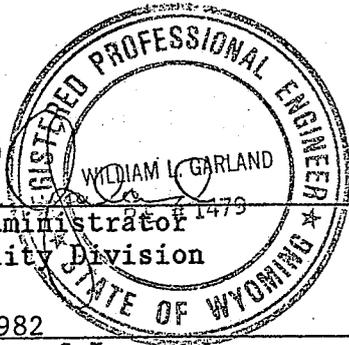
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

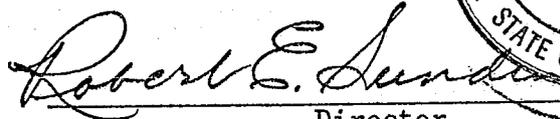
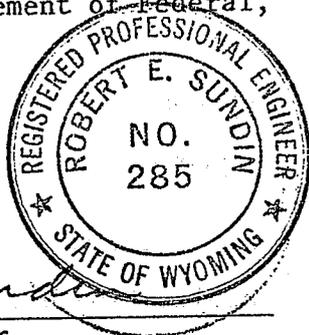
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
December 10, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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



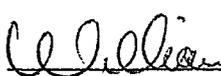
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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 this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

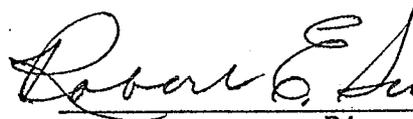
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

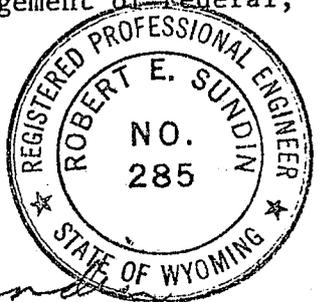
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
A # 1479  
STATE OF WYOMING

January 5, 1983  
\_\_\_\_\_  
Date of Issuance

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



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

THE STATE



OF WYOMING

ED HERSCHLER  
GOVERNOR

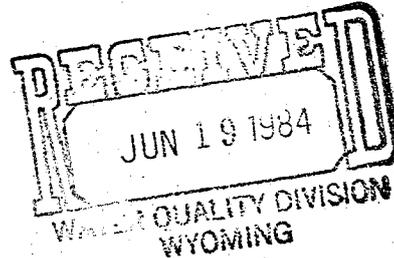
*Department of Environmental Quality*  
*Water Quality Division*

2161 COFFEEN AVENUE,  
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

June 15, 1984



Mr. Mike McDill  
McDill Engineering  
400 West Boxelder Road  
Gillette, Wyoming 82716

RE: Bunker Hill Subdivision  
Water and Sewer Systems  
Reference No. 82-707RR

Dear Mr. McDill:

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:	Bunker Hill Subdivision
DEQ/WQD Reference Number:	82-707RR
Engineering Consultant:	Mike McDill
DEQ/WQD Review Engineer:	Rich Ruyle
Date of DEQ/WQD Review:	April 27, 1983

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:

Mr. Mike McDill  
June 15, 1984  
Page Two

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

Sincerely,



Tom Mueller  
District Supervisor

TM:ls

xc: ✓ Norma Coulson

*Norma*

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Bunker Hill Subdivision  
Water and Sewer Systems

ARCHITECT OR ENGINEER: Mike McDill  
McDill Engineering  
400 West Boxelder Road  
Gillette, Wyoming 82716

WATER QUALITY DIVISION  
REFERENCE NUMBER: 82-707RR

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: April 27, 1983

ACTION: Not Authorized

COMMENTS:

- 1.) Specifications for the project are still lacking. The Wyoming Public Works Standard Specifications do not deal specifically with lagoons. Construction specifications are needed for the lagoon dikes and bottoms. Minimum compaction and permeability limits and the testing procedures for each should be specified.

A condition of the permit will be that the ponds be sealed to a permeability of  $10^{-7}$  cm/sec or less and that test results be submitted to verify this permeability prior to filling the ponds. You should ensure that native soil can meet this requirement, otherwise bentonite or a synthetic liner will have to be used.

- 2.) What is the distance from the bottom of the lagoons to the groundwater level? It appears that it is four feet and to maintain this separation the lagoons were made seven and eight feet deep. Is this an accurate assessment? If a four foot separation cannot be maintained, a synthetic liner must be used.
- 3.) An analysis of the quality of the groundwater at the site is needed.
- 4.) Existing and proposed wells within  $\frac{1}{4}$  mile of the site must be indicated.
- 5.) Profile drawings of the lagoons are also needed. These should include transfer piping details, splash pad and riser details, elevations, hydraulic flow line, level control mechanisms, and so on.

Using four inch inlet, outlet, and transfer pipes for the lagoons is not advisable due to possible clogging. Please justify your use of them.

Control structures are recommended between the lagoons and at the outlets to facilitate level control and easy maintenance.

It is also recommended that the outlets have at least two levels of drawoff.

- 6.) The dikes must be seeded or other forms of erosion control must be provided.
- 7.) Details of the fencing and warning signs around the lagoons must be shown.
- 8.) How will flow measurement of the effluent be accomplished? Please show details.
- 9.) The air-aqua design sheet lists the effluent suspended solids limitation as 300 mg/l. This cannot be correct. I believe it should be 100 mg/l for a 30 day average.
- 10.) A review of your NPDES discharge permit reveals that it is for the Bunker Hill and Liberty Valley subdivisions containing 150 units and utilizing a three cell lagoon. Please explain this discrepancy.
- 11.) Please show the location of the receiving stream on your plan view. It appears as if it is across the railroad tracks.
- 12.) Detail drawings, specifications, and design information are needed for the lift station, pump house, circulation pump, chlorination system and aeration system.

Will grinder pumps be used in the lift station?

Will backup power, alarms, vents, and so on be used?

Is the aeration of the lagoons to be tapered?

- 13.) The water supply system cannot be approved until details of the system are submitted.

Enclosed is a review by R. J. Lennox of the groundwater section in Cheyenne which echoes some of my concerns.

Please call me with any questions.



*Morgan*  
*Retained*  
*Sturdevant*  
 ED HERSCHLER  
 GOVERNOR  
 4-18-83

# 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: File

FROM: R.J. Lennox *RL*

DATE: April 18, 1983

SUBJECT: Bunker Hill Subdivision - Water and Sewer System

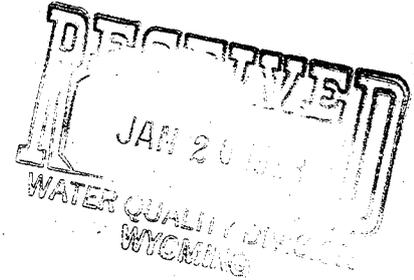
- 1) A review of all information submitted under application 82-707RR for the subject system, for groundwater concerns, has indicated the following:
  - a) There is no indication of existing or proposed wells within  $\frac{1}{4}$  mile (minimum) of the site.
  - b) There is no indication as to whether or not the natural soils or site materials will be compacted to meet permeability requirements of  $10^{-7}$  cm/sec.
  - c) There is little indication presented in attached drawings and letters that the bottoms of the lagoons planned will have a minimum 4 foot separation to groundwater as required.
  - d) There is no indication as to the quality of groundwater encountered.
  - e) The location for soil boring is stated as being approximately midpoint of Lot 17.
- 2) Based on the lack of information as indicated above a groundwater review for this application can only lead to a "not authorized" recommendation.

cc: A.J. Mancini  
 Tom Mueller, Sheridan  
 Rich Ruyle, Sheridan

Norma

REVIEW OF PLANS AND SPECIFICATIONS

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



PROJECT: Bunker Hill Subdivision Water and Sewer Systems

ARCHITECT OR ENGINEER: Mike McDill  
McDill Engineering  
400 West Boxelder Road  
Gillette, Wyoming 82716

WATER QUALITY DIVISION  
REFERENCE NUMBER: 82-707R

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: January 19, 1983

ACTION: Not Authorized

COMMENTS:

A submittal for the complete wastewater and water supply treatment systems (not just the sewer collection and water distribution systems) must be made before approval can be given for the development. Information submitted for both treatment systems should include:

- Appropriate materials and construction specifications.
- Complete plan and profile drawings.
- Design calculations.
- Complete soils investigation. (Will a liner be used for the lagoon?)

I do not follow the flow shceme for the lagoons. Please clarify.

NORMA

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Bunker Hill Subdivision Water and Sewer Systems

ARCHITECT OR ENGINEER: Michael G. McDill  
McDill Engineering  
400 West Boxelder  
Gillette, Wyoming 82716

WATER QUALITY DIVISION  
REFERENCE NUMBER: 82-707

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: December 9, 1982

ACTION: Not Authorized

COMMENTS:

- 1.) The application is incomplete because the treatment systems for the development have not been included.

We cannot issue a permit for a water distribution system or a waste-water collection system when the feasibility of the accompanying treatment systems have not yet been determined.

Where is the wastewater treatment system to be located? Are appropriate separation distances available? It appears the area may be in the 100-year flood plain. In addition, how can proper elevations for the sewers be selected when the location of the treatment system is not yet known?

For the water distribution system we must be sure that adequate water pressure and supply is provided for before a permit can be issued.

- 2.) Manholes do not have identifying labels on the plan or profile drawings.
- 3.) The actual sewer grades shown on the sheet 1 profile drawing do not correspond with the slopes given.



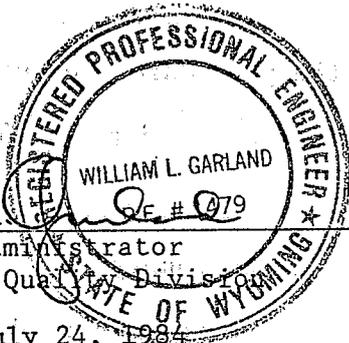
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

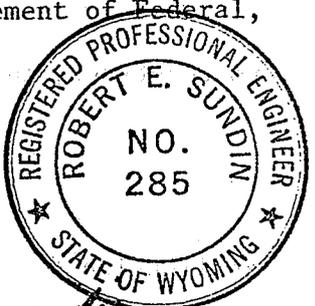
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State 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  
July 24, 1984  
\_\_\_\_\_  
Date of Issuance

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

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

xc: Willard Owens Associates, Inc.  
4405 W. 29th Avenue  
Denver, Colorado 80212



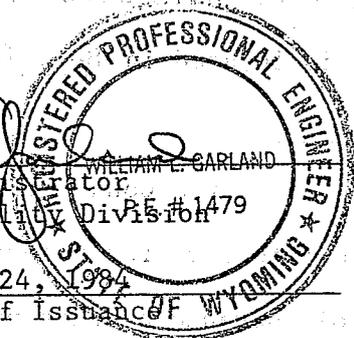
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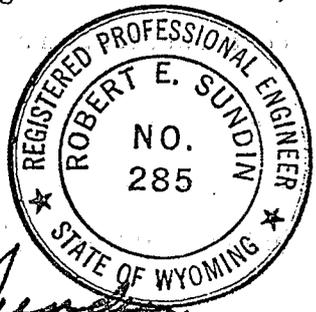
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AUTHORIZED BY:

*William L. Owens*  
Admin. Director  
Water Quality Division #1479  
July 24, 1984  
Date of Issuance  


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


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xc: Willard Owens Associates, Inc.  
4405 W. 29th Avenue  
Denver, Colorado 80212



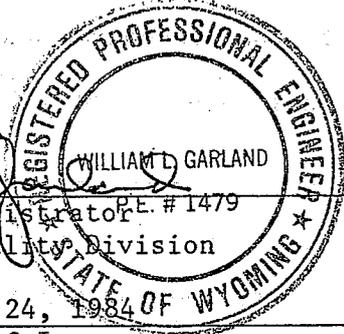
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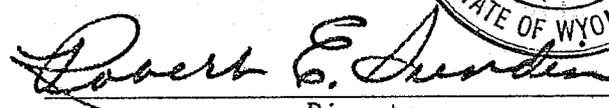
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AUTHORIZED BY:

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

  
Director  
Dept. of Environmental Quality  


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

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4405 W. 29th Avenue  
Denver, Colorado 80212



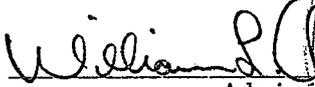
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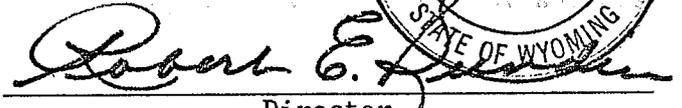
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AUTHORIZED BY:

  
WILLIAM L. GARLAND  
P.E. # 1479  
Administrator  
Water Quality Division  
STATE OF WYOMING  
July 24, 1984  
Date of Issuance

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

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

xc: Willard Owens Associates, Inc.  
4405 W. 29th Avenue  
Denver, Colorado 80212



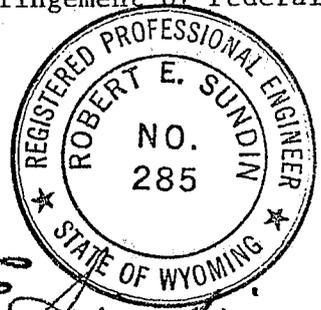
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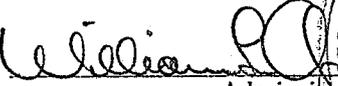
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AUTHORIZED BY:



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

  
Director  
Dept. of Environmental Quality

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

xc: Willard Owens Associates, Inc.  
4405 W. 29th Avenue  
Denver, Colorado 80212

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

June 15, 1984

Mr. Pat O'Brien  
Hydrokinetics, Inc.  
4175 Harlan Street, Suite 202  
Wheat Ridge, Colorado 80033

Dear Mr. O'Brien:

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:	Echeta Mine Containment Ditches and Sediment Ponds
DEQ/WQD Reference Numbers:	82-708RR through 82-712RR
Engineering Consultant:	Pat O'Brien
DEQ/WQD Review Engineer:	Rich Ruyle
Date of DEQ/WQD Review:	December 9, 1983

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

- The application will not be resubmitted as the proposed projects have been cancelled.
- The application will be resubmitted within 30 days.
- The facilities have been constructed, or are under construction. As built construction plans and specifications will be submitted within 30 days.
- Other remarks:

Mr. Pat O'Brien  
June 15, 1984  
Page Two

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

Sincerely,



Tom Mueller  
District Supervisor

TM:ls

xc: ✓ Norma Coulson

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Echeta Mine Containment Ditches and Sediment Ponds

ARCHITECT OR ENGINEER: Pat O'Brien  
Hydrokinetics, Inc.  
4175 Harlan Street, Suite 202  
Wheat Ridge, Colorado 80033

WATER QUALITY DIVISION

REFERENCE NUMBERS: 82-708RR through 82-712RR

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: December 9, 1983

ACTION: Not Authorized

COMMENTS:

The following questions still remain:

1. What are the purposes of temporary containment ditches D and E? What do they serve and why are they temporary?
2. I can see on the plans where drainage ditches 3 - 5 receive runoff from the haul road. Drainage ditch 6, however, borders stockpile #1. What area does ditch 6 serve and why does it not lead to a sediment pond?
3. It has come to my attention that more detail is needed on the Palmer-Bowlus flume. Namely, how exactly will the flow measurement device be installed? It appears on the plans that the flume is installed directly in the outlet pipe with no area for the water to back up above the meter control section. Please explain.

NORMA

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Echeta Mine Containment Ditches and Sediment Ponds

ARCHITECT OR ENGINEER: Willard Owens  
Willard Owens Associates  
4405 West 29th Avenue  
Denver, Colorado 80212

WATER QUALITY DIVISION  
REFERENCE NUMBERS: 82-708 through 82-712

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: December 13, 1982

ACTION: Not Authorized

COMMENTS:

- 1.) Have State Engineer's and NPDES discharge permits been applied for?
- 2.) Details of the discharge pipes from the reservoirs should be provided. Drawings should show the elevation of the spillway pipes, valving mechanism, appropriate riprap at the outfall, and flow measurement provisions.
- 3.) How will the containment ditches be dewatered if runoff exceeds their permanent pools? If pumps are to be used, this can simply be stated on the plans or in a letter.
- 4.) Are emergency overflow spillways provided for the reservoirs?
- 5.) Calculations showing the needed sediment storage capacity for the reservoirs should be provided.
- 6.) Will the reservoirs receive pit water? If so, has the needed reservoir capacity been provided for aside from that needed for runoff control?
- 7.) Construction and compaction specifications for the reservoir and containment ditch embankments should be included (at least 90% Standard Proctor Density).

Echeta Mine Containment Ditches and  
Sediment Ponds  
82-708 through 82-712  
December 13, 1982  
Page two

- 8.) I do not understand the overall drainage plan. We must be ensured that runoff for all disturbed areas is properly controlled. Where do the drainage ditches and culverts lead to? Why do they not drain to the sediment ponds? A topo map showing the disturbed areas, the mining facilities, and the drainage plan would be helpful.
- 9.) I do not understand how the velocities in the drainage ditches were arrived at. Dividing Q by A results in different velocities than those given. Riprap may be advisable where the velocity is greater than 3 fps.
- 10.) Adequate freeboard for the containment and drainage ditches during peak flows should be verified.

Feel free to contact me with any questions.

xc: Richard M. Davis  
Burgess & Davis  
101 W. Brundage  
Sheridan, WY 82801

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Echeta Mine Containment Ditches  
and Sediment Ponds

ARCHITECT OR ENGINEER: Willard Owens  
Willard Owens Associates  
4405 West 29th Avenue  
Denver, Colorado 80212

WATER QUALITY DIVISION  
REFERENCE NUMBERS: 82-708R through 82-712R

REVIEWING ENGINEER: Rich Ruyle *RR*

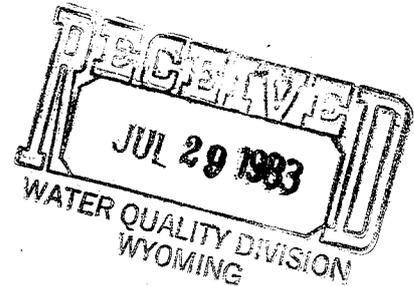
DATE OF REVIEW: July 26, 1983

ACTION: Not Authorized

COMMENTS:

- 1.) We will need three more copies of your most recent submittal.
- 2.) Drainage ditches 3 through 6 do not lead to any of the sediment ponds. If these ditches receive runoff from disturbed areas, the runoff must be properly controlled by sediment ponds. Please explain.
- 3.) Construction specifications for the reservoir and containment ditch embankments are still not included on the plans.

xc: Richard M. Davis  
Burgess & Davis  
101 West Brundage  
Sheridan, WY 82801



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

June 6, 1983

CERTIFIED

Mr. Richard M. Davis, Jr.  
P.O. Box 728  
Sheridan, Wyoming 82801

Dear Mr. Davis:

Our records indicate your applications for permits to construct on behalf of Eldorado Exploration have not been resubmitted to this office for review and authorization. The specific information for the proposed projects is:

Facility Name: Echeta Mine Containment Ditches  
and Sediment Ponds

DEQ/WQD Reference Numbers: 82-708 through 82-712

Engineering Consultant: Willard Owens, Willard Owens Associates

DEQ/WQD Review Engineer: Rich Ruyle, Environmental Engineer

Date of DEQ/WQD Review: December 13, 1982

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

\_\_\_ The applications will not be resubmitted as the proposed projects have been cancelled.

\_\_\_ The applications will be resubmitted within 30 days.

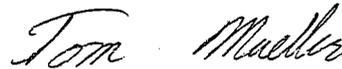
\_\_\_ The facilities have been constructed, or are under construction. As built construction plans and specifications will be submitted within 30 days.

\_\_\_ Other remarks:

Mr. Richard M. Davis, Jr.  
June 6, 1983  
Page Two

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

Yours truly,



Tom Mueller  
District Supervisor

TM:ls

xc: Willard Owens

Water Quality Division  
Groundwater Section  
Permit Application Review

*Forma  
Ret to Sheridan*

Application Number 82-708 Thru 82-712

Date Submitted For Review 11/12/82

Name and Location of Facility ECHETA MINE (ELDORADO EXPLORATIONS INC)  
CD-1; CD-2; NORTH FORK OF SOUTH DEAN SED. POND;  
NORTH DEAN SED POND; SOUTH FORK OF SOUTH DEAN  
SED POND  
SEC 28 T 52N R 75W  
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.  
*(Chapter 10 checked)*
- Comments attached. *also [signature]*

Signed *Richard Leonard*  
Title *Eng. Eval*  
Date *11-15-82*

Approved *11/16/82*  
(Date)

*gjm*  
(Signed)  
Groundwater Control Supervisor

REVIEW OF PLANS AND SPECIFICATION

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN  
LANDER, WYOMING 82520

PROJECT: Lakeside Lodge

ENGINEER: Keith E. McNinch  
Box 633  
Big Piney, WY 83113

OWNER: Richard C. Stott  
Box 654  
Pinedale, WY 82941

WATER QUALITY DIVISION REFERENCE NUMBER: 82-713

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: December 15, 1982

ACTION: Not Authorized.

COMMENTS: Per a phone conversation with Mr. McNinch, I contacted the county for input and a site inspection to assess any problems with water supply. The county has relayed that interference with the water system should not be a problem. It does need to be stressed, however, that minimum water/sewer separation distances must be met. Comments relating to the sewage system are as follows:

1. Raw sewage collection lines need to be a minimum of 6 inches in diameter.
2. Cleanouts need to be placed every 100 feet.
3. Some means of pipe protection needs to be provided where the sewage line passes under the roadway.
4. Because of the close proximity to Fremont Lake, I would stress the importance of keeping the septic tanks and pumping chamber as watertight as possible by taking extra care to ensure good joints and grouting at all points where leakage is possible.

AB:dcn

cc: Cheyenne DEQ/WQD  
Janet Montgomery  
File (5)

AC

PERMIT TO CONSTRUCT

Permit No. 82-713R  
SEE SPECIAL CONDITION

- New
- Renewal
- Modified

Lakeside Lodge  
(Name of Facility)

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

Richard L. Stott

Box 654

Pinedale, WY 82941

to construct, install, or modify a septic tank with pumping and leach field facility according to the procedures and conditions of the application No. 82-713R. The facility is located in Section 23, 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.

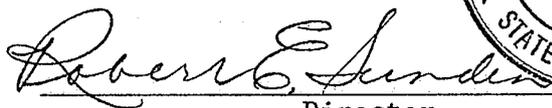
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
\_\_\_\_\_  
WILLIAM J. GARLAND  
Administrator  
Water Quality Division  
STATE OF WYOMING  
January 14, 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 to Permit to Construct

The permittee shall notify representatives of Sublette County 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

12-20-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-714

COZIAH SMALL WASTEWATER TREATMENT FACILITY  
(Name of Facility)

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

Peter Coziah  
Grover, WY 83110

to construct, install, or modify a septic tank - leach field system to serve two residents

facility according to the procedures and conditions of the application No. 82-714

The facility is located in Sec. 6, T32N, R118W (Lot 4, Block 8, Grover Townsite)  
in the County of Lincoln,

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

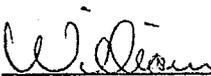
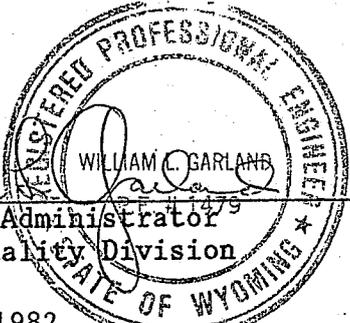
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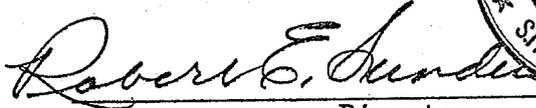
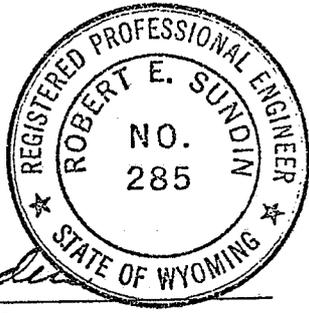
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AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
STATE OF WYOMING

December 10, 1982

Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

12-9-82

PERMIT TO CONSTRUCT

Permit No. 82-715

- New
- Renewal
- Modified

Evanston City Reservoir (Aspen Groves)  
(Name of Facility)

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

City of Evanston  
PO Box 130  
Evanston, WY 82930

to construct, install, or modify a 10-inch ductile iron waterline from 1,000,000  
gallon reservoir to the existing distribution system in Aspen Groves III

facility according to the procedures and conditions of the  
application No. 82-715. The facility is located in

Sec. 27, T15N, R120W

in the County of Uinta,

in the State of Wyoming. This permit shall be effective for a period of two (2)  
years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

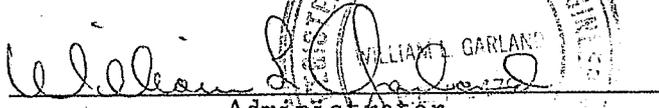
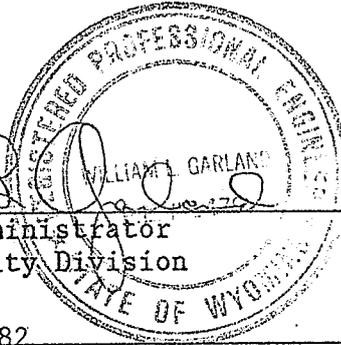
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

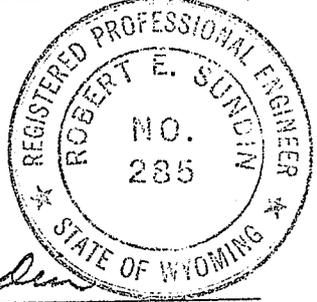
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
  
November 29, 1982  
\_\_\_\_\_  
Date of Issuance

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


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

AJB:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Phosphate Fertilizer Plant Gypsum Impoundment

ENGINEER: Woodward-Clyde Consultants  
7600 E. Orchard Road  
Englewood, CO 80111

OWNER: Chevron Chemical Co.  
575 Market St.  
San Francisco, CA 94105

WATER QUALITY DIVISION REFERENCE NUMBER: 82-716

REVIEWING ENGINEER: <sup>ib</sup> Al Berreth, Bill Ewen

DATE OF REVIEW: December 30, 1982

ACTION: **Not authorized.**

COMMENTS: Before a Permit to Construct can be issued, the following items need to be addressed:

1. The scope of this permit needs to be fully defined. For the purposes of this review only, the gypsum pond will be considered. The applicant does need to be cognizant of the fact that permits to construct will be required for sediment control facilities below the topsoil stockpiles and plant drainage area. Also, a permit will be required for the cooling water pond. A permit may also be needed for the water supply system. I have enclosed a copy of Chapter III Wyoming Water Quality Rules and Regulations for your information.

As for the gypsum pond, your Permit to Construct will cover the starter dam only. Future raises in water level will then need to be addressed by individual permits.

2. More information is needed on the gypsum slurry delivery line; that is, how is it to be constructed, of what material, what happens if it plugs, etc.

3. Plans and specifications for all construction are needed.

4. A water balance on the gypsum pond is needed.

5. Details of the seepage collection sumps, pumping equipment, etc. need to be submitted. Refer to Item 3.

A monitoring program for the spring below the dam must be established. Background analysis will be required.

AC

Review of Plans and Specifications  
Phosphate Fertilizer Plant Gypsum Impoundment #82-716  
December 30, 1982  
Page Two

7. The quantity and types of pesticides and herbicides that may be discharged into the gypsum pond need to be defined.
8. Proposed monitoring well locations need to be shown on the plans. Complete construction details are required. Refer to Item 3.
9. The cut-off trench needs to be placed deeper than the proposed 5 feet below the weathered-slightly weathered bedrock contact.
10. The geochemical reactions which will neutralize the pH of the pond leakage and which will retard the movement of the various pollutants need to be identified and documented.  
The possible conditions which would mobilize the captured pollutants must be outlined as well as proposed mitigation measures.
11. Prior to startup, complete background water quality data from the groundwater monitoring wells is needed.
12. At least four copies of the final submittal are needed.

AJB:dcn

cc: Cheyenne DEQ/WQD  
Industrial Siting--Becky Mathison  
File (6)

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-717R  
SEE SPECIAL CONDITION

Teton Campground  
(Name of Facility)

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

Mike Oman

2800 E. Yellowstone

Casper, WY 82601

to construct, install, or modify a commercial water distribution and wastewater collection facility according to the procedures and conditions of the application No. 82-717R. The facility is located in Section 2, T33N, R79W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

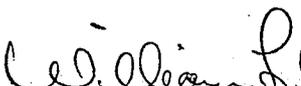
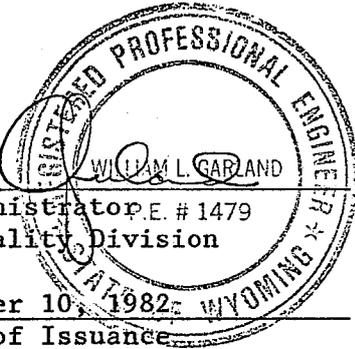
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

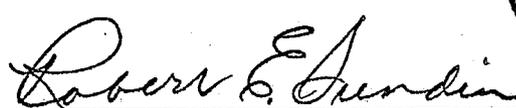
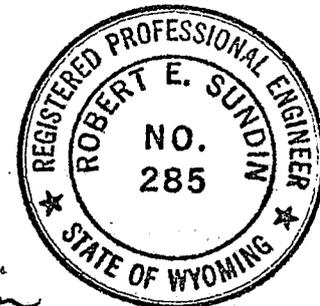
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 30, Sheridan, Wyoming 82801; telephone, 672-6457.

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

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

AUTHORIZED BY:

  
  
Administrator E. # 1479  
Water Quality Division  
  
December 10, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

cc: C. K. Wolz  
Wolz & Associates, Inc.  
933 W 14th St.  
Casper, WY 82601

Dave Hill  
Casper BPU  
200 North David  
Casper, WY 82601

Condition to Permit to Construct

The water distribution system requires a certified water operator under Chapter V of the Water Quality Rules and Regulations. Therefore, the owner is required to have a certified operator or a DEQ approved compliance schedule prior to usage of the campground.

11-23-82

Review of Plans and Specifications

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

PROJECT: Teton Campground, Natrona Co.

ARCHITECT OR ENGINEER: C. K. Wolz, Wolz & Associates  
933 W. 14th St., Casper, WY 82601

APPLICANT: Mike Oman  
2800 E. Yellowstone, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 82-717

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

DATE OF REVIEW: November 18, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. A letter must be received from the City stating that there is adequate water supply and wastewater treatment facilities available and that they will service your project.
2. Information must be provided showing that a minimum water pressure of 20 psi can be achieved under all conditions. What is the water pressure at the tap on to the city water main? Part A of Chapter III does not allow water lines smaller than two inches.
3. The details of the meter pit was not submitted.
4. Where is the Sage Creek Sewer line crossing on the plan view? The location of the footings in the soil do not appear to be very deep below the water flow. Erosion looks like it could be a problem.

12-252

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-718  
SEE SPECIAL CONDITIONS

Dave Pennock Hanger  
(Name of Facility)

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

Dave Pennock

114 E. Hickory

Saratoga, WY 82331

to construct, install, or modify a seepage pit facility according to the procedures and conditions of the application No. 82-718. 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.

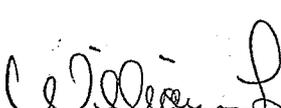
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

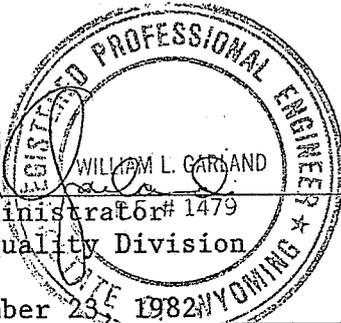
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 30, 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.

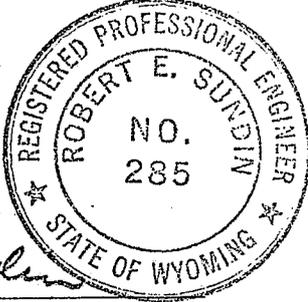
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator # 1479  
Water Quality Division  
November 23, 1982  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

cc: Welton Construction  
Box 129  
Saratoga, WY 82331

Conditions to Permit to Construct

1. No sanitary wastewater shall be discharged into the drywell.
2. No chemicals shall be discharged into the drywell.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-719RRR

James E. Simon Temporary Campground  
(Name of Facility)

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

James E. Simon Co. Inc. of WY

1807 East Fox Farm Road

Cheyenne, WY 82001

to construct, install, or modify a commercial wastewater collection and holding facility facility according to the procedures and conditions of the application No. 82-719RRR. The facility is located in SE1/4 NE1/4 Section 15, T14N, R78W in the County of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

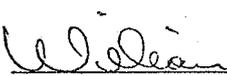
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

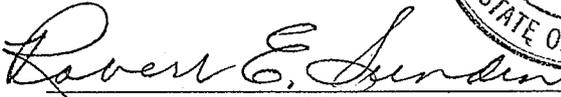
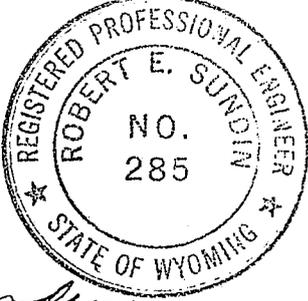
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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. CARLSON  
Administrative  
Water Quality Division  
April 15 OF 1983  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

cc: Dick J. Prosser  
Buell Winter Mousel & Assoc.  
123 West First St., Suite C-70-37  
Casper, WY 82601

5-3-83

THE STATE OF WYOMING



ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

April 15, 1983

Gary A. Meyer  
James A. Simon Co., Inc.  
1807 E. Fox Farm Road  
Cheyenne, WY 82001

RE: Permit to Construct 82-719RRR

Dear Mr. Meyer:

Enclosed is the permit to construct #82-719RRR for the temporary campground near Albany, Wyoming. As you have stated, the campground is proposed to be used only for the duration of the construction for the Cheyenne Stage II project. Use of the campground beyond this construction period is considered a modification to this permit and will require authorization from the Water Quality Division.

Respectfully,

Thomas S. Norman  
Water Quality Engineer

TSN/nc

cc: EPA Region VIII  
SDWA c/o Felix Flechas  
1860 Lincoln Street  
Denver, CO 80295

*This was supposed to  
be enclosed with your  
per mit. Sorry!  
TSN  
5-2-83*

Review of Plans and Specifications

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

PROJECT: James E. Simon Co. Temporary Campground for Rob Roy Dam, Albany Co.

ARCHITECT OR ENGINEER: Dick Prosser, Buell, Winter, Mousel & Assoc.  
Suite C-70-37, 123 W. 1st St., Casper, WY 82601

APPLICANT: James E. Simon Co., Inc. of WY  
1807 E. Fox Farm Rd., Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 82-719RR

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

DATE OF REVIEW: March 28, 1983

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The truck as shown on the plans is higher than the sewer and will not fill by gravity.
2. Adequate storage is not available while the truck is gone to town to prevent spillage or sewage backup.
3. Curved sewers are not allowed on 8-inch lines.
4. Who will be responsible for daily checking of the truck capacity and for hauling the wastewater to town?
5. Will both campers and mobile homes be on-site?
6. Is there anyway to eliminate access to the site during the winter when the truck will not be able to store the sewage?

2-14-83

Review of Plans and Specifications

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

PROJECT: James E. Simon Co. temporary campground for Rob Roy Dam

ARCHITECT OR ENGINEER: none

APPLICANT: James E. Simon Co, Inc. of Wyoming  
1807 E Fox Farm Rd, Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 82-719R

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

DATE OF REVIEW: February 4, 1983

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The following comments are as we discussed on January 25, 1983:

The application is incomplete. A design report, detailed plans and specifications must be submitted detailing the specific wastewater and water system. Plans must carry the signature of a Wyoming registered engineer.

11-17-82

Review of Plans and Specifications

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

PROJECT: James E. Simon Co., temporary campground, Albany Co.

ARCHITECT OR ENGINEER: None

APPLICANT: James E. Simon Co., Inc. of Wyoming  
1807 East Fox Farm Road, Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 82-719

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

DATE OF REVIEW: November 17, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The application was incomplete. A design report, plans and specifications shall be submitted detailing the specific wastewater disposal system. Plans must carry the signature of a Wyoming registered engineer. Enclosed is a checklist for your assistance.

12-23-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-720R  
SEE SPECIAL CONDITION

Town of Hanna Water Treatment Plant Modifications  
(Name of Facility)

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

Town of Hanna

P.O. Box 99

Hanna, WY 82327

to construct, install, or modify a public water supply treatment plant facility according to the procedures and conditions of the application No. 82-720R. The facility is located in Section 36, T22N, R81W 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: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 30, 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  
Administ #1499  
Water Quality Division  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING  
December 20, 1982  
Date of Issuance

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

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

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

Frank Grimes  
Nelson Engineering  
P.O. Box 1599  
Jackson, WY 83001

Condition to Permit to Construct

The raw water main bypass valve shall be immediately removed when construction work of the water treatment plant has been completed.

12-15-82

Review of Plans and Specifications

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

PROJECT: Hanna Water Treatment Plant Modifications, Carbon Co.

ARCHITECT OR ENGINEER: Paul McCarthy, Robert Jack Smith & Assoc.  
P.O. Box 1104, Rawlins, WY 82301

APPLICANT: Town of Hanna  
Box 99, Hanna, WY 82327

WATER QUALITY DIVISION REFERENCE NUMBER: 82-720

REVIEWING ENGINEER:   
LeRoy C. Feusner, P.E.

DATE OF REVIEW: December 14, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The plans for modification of the Hanna Water Treatment Plant must carry the signature or seal of a professional engineer licensed in the State of Wyoming. We require two copies of the plans to carry the above signature or seal.



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 this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming, 82801; telephone 672-6457.

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AUTHORIZED BY:

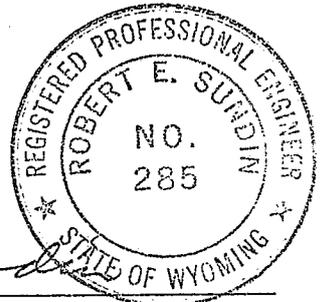
*William J. ...*



Administrator # 1479  
Water Quality Division

November 23, 1982  
Date of Issuance

*Robert E. Sand*



Director  
Dept. of Environmental Quality

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

xc: Curtis Betcher  
P.O. Box 4416  
Gillette, WY 82716



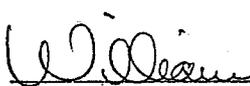
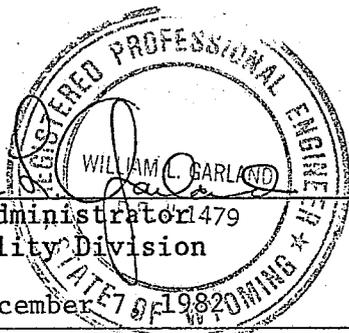
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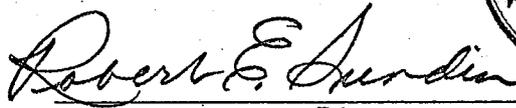
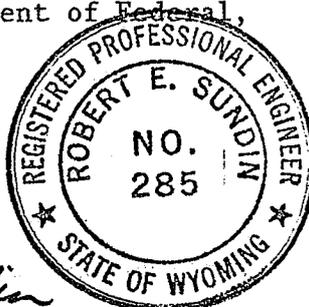
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AUTHORIZED BY:

  
  
Administrator 1479  
Water Quality Division  
December 7, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

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



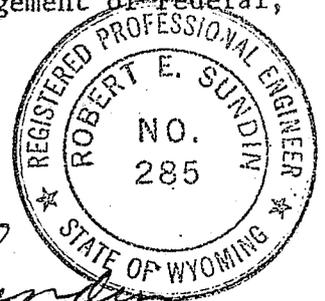
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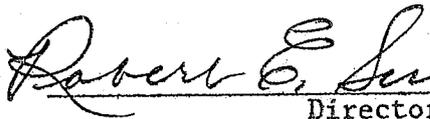
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AUTHORIZED BY:



  
WILLIAM D. GARLAND  
Administrator #1479  
Water Quality Division  
December 22, 1982  
Date of Issuance

  
Director  
Dept. of Environmental Quality

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

xc: Centennial Engineering  
237 N. Main, Suite #1  
Sheridan, WY 82801



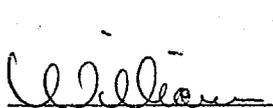
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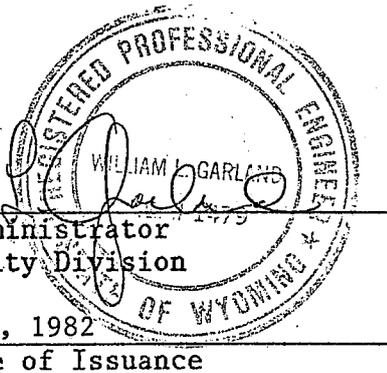
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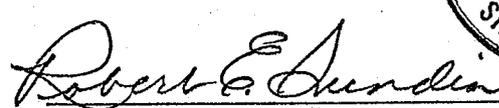
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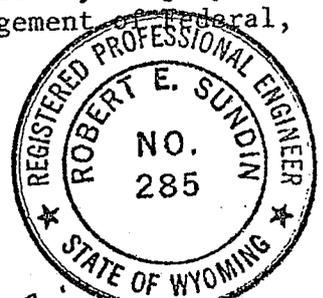
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AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
December 6, 1982  
\_\_\_\_\_  
Date of Issuance



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



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

AJB:ch



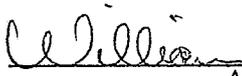
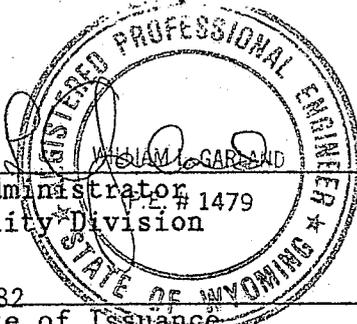
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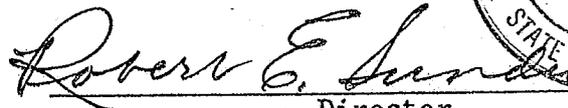
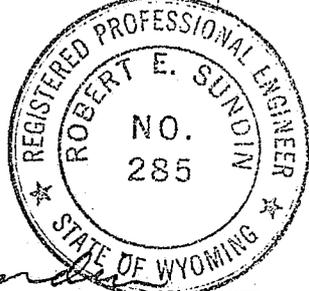
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AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator # 1479  
Water Quality Division  


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


December 28, 1982  
\_\_\_\_\_  
Date of Issuance

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

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

210 LINCOLN  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: West Park Hospital Water Line Relocation and Sewer Line Extension

ENGINEER: Alex Drapes  
202 Eklund Building  
Great Falls, MT 59401

OWNER: West Park Hospital  
707 Sheridan Ave.  
Cody, WY 82414

WATER QUALITY DIVISION REFERENCE NUMBER: 82-725

REVIEWING EVALUATOR: Jeff Hermansky



DATE OF REVIEW: December 2, 1982

ACTION: Not authorized.

COMMENTS: Additional information is needed and corrections must be made before a "Permit to Construct" can be issued. Please address the following questions and comments:

1. The water line disinfection specification must include chlorination to 50 ppm with 25 ppm residual after 24 hours.
2. The water line pressure testing specification must include allowable leakage acceptable during duration of test.
3. Concrete pipe is not normally used for small diameter sewer pipe. Cast iron soil pipe is not usually used outside the building. If you elect to use cast iron, it must be coated with a suitable material to prevent corrosion.

I would recommend the sewer pipe be PVC conforming to ASTM D-3034, SDR 35. Other pipes are acceptable if they meet the leakage requirements



4. Sewer pipes must be tested for the following:
  - a) alignment test from manhole to manhole with full circle of light visible;
  - b) deflection after backfilling;
  - c) watertightness of pipe by infiltration/exfiltration or air test.
5. Section 1508.2, g.1. must include borrow material free from frozen clods and organic material.
6. A sewer line profile is required. Show the entire line with slopes, coverage, manholes, etc.
7. The DEQ standards require that all sewer collection lines be a minimum of 8" in diameter. Please provide flow calculations for the proposed line to show that the proposed line can handle the projected flow. If a 6" diameter line has the capacity, it may be used.
8. All water line appurtenances must be shown as to size and type. Please include a specification for these items.
9. Please show design calculations of the water line to insure installation will meet the minimum pressure requirements.
10. A letter from the City of Cody must be submitted to insure the City can supply the required volume of water and maintain 20 psi under all conditions of flow. Additionally, the City must authorize connection of the sewer line and verify they can handle and treat the additional load.
11. Please include two (2) more copies of the specifications and three (3) copies of all corrections/modifications that you submit.

Thank you for your cooperation. If you have any questions, please feel free to contact Frank LaBarge or me.

cc: File (6)



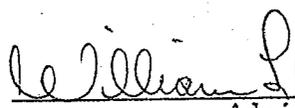
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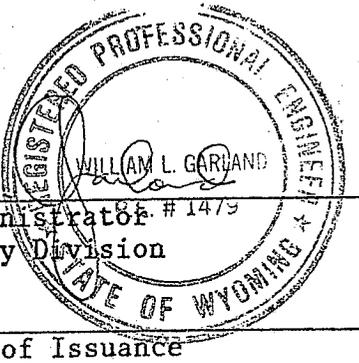
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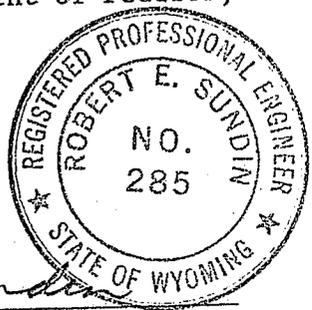
AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator # 1479  
Water Quality Division



December 29, 1982  
\_\_\_\_\_  
Date of Issuance

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



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



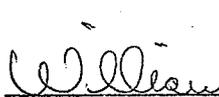
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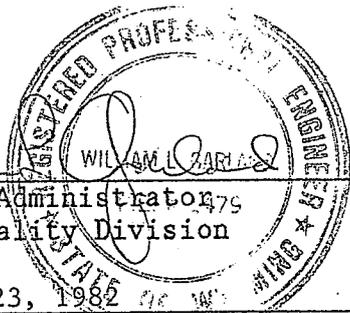
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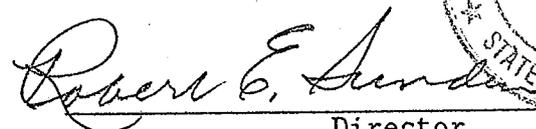
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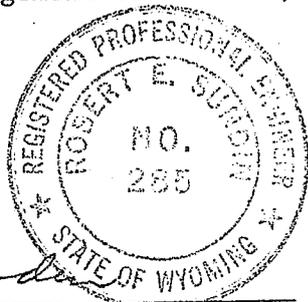
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AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
November 23, 1982  
Date of Issuance



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



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

AB:ch

82-727



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

February 17, 1983

CERTIFIED MAIL #P21 6916593

City of Evanston  
P. O. Box 130  
Evanston, WY 82930

Attention: Wayne Shepherd, City Engineer

RE: Centennial Valley Estates  
Sewage Lagoon

Dear Mr. Shepherd:

As we observed on Friday, the eleventh of February, the referenced lagoon is overflowing. This lagoon does not have a discharge permit. Therefore, the City is in violation of Wyoming Water Quality Rules and Regulations.

For this reason, I am recommending that you cease the discharge or make other arrangements with John Wagner at telephone 777-7781 in our Cheyenne office.

As you recall, the whole purpose of the construction permit 82-727 issued in November 1982 was to avoid this very occurrence. In order to prevent the future and continuing occurrence of this violation, please submit a construction schedule for the relief sewage line permitted under 82-727 by February 25, 1983.

Until the line is completed, pumping and hauling may be the best solution.

Respectfully,

*Albert J. Berreth*

Albert J. Berreth  
Area III Supervisor

AJB:dcn

cc: Cheyenne DEQ/WQD, John Wagner, Jake Strohmman  
File (3)



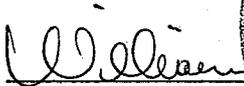
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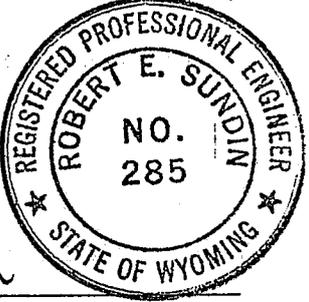
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AUTHORIZED BY:

  
\_\_\_\_\_  
WILLIAM L. GARLAND  
P. E.  
Administrator  
Water Quality Division  
STATE OF WYOMING  
December 8, 1982  
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.

xc: Ronald R. Pedde, TSP Wyoming  
201 W. Lakeway Road, Suite 400  
Gillette, WY 82716



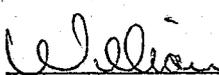
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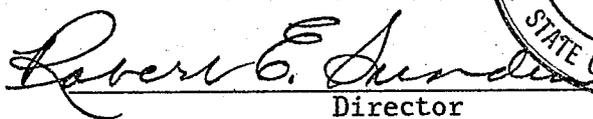
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AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator #79  
Water Quality Division  
STATE OF WYOMING  
December 10, 1982  
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.

\*The permittee shall notify representatives of the Converse County Health Department of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling.

The authorized representative in your area is Charles L. Higgins, Converse County Sanitarian. He can be contacted at P.O. Box 1303, Douglas, Wyoming, 82633 (358-2536).

xc: Charles L. Higgins



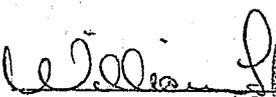
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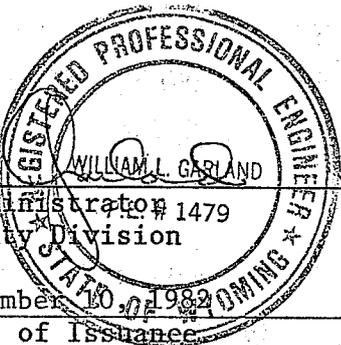
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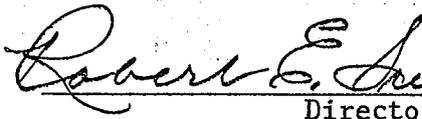
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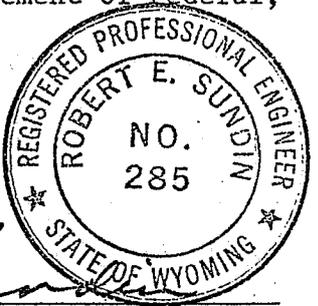
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AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administration # 1479  
Water Quality Division  
December 10, 1982  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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xc: Charles L. Higgins

THE STATE



OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*

*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 2, 1982

Mr. Jim Miller  
PO Box 1269  
Thermopolis, WY 82443

RE: E & B Used Cars Application for Permit to Construct #82-731

Dear Mr. Miller:

As per your written request of December 1, 1982, the above referenced application has been withdrawn from our files. Two copies of the application package are being retained for our records and the remaining copy is being returned to you with this letter.

Yours truly,

A handwritten signature in cursive script that reads "Francis LaBarge".

Francis LaBarge  
Northwest District Supervisor

FL:ch  
Enclosure

cc: Cheyenne DEQ/WQD  
File (2)



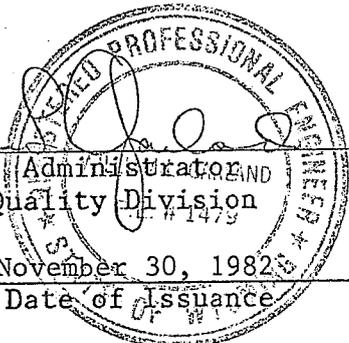
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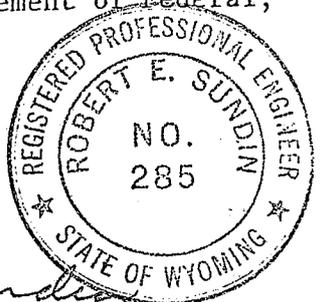
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AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
November 30, 1982  
\_\_\_\_\_  
Date of Issuance

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

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

FL:dp



NORMA

ED HERSCHLER  
GOVERNOR

# Department of Environmental Quality

## Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 14, 1982

Minerals Exploration Co.  
P. O. Box 1500  
Rawlins, WY 82301

ATTENTION: H. L. Snyder, Safety and Environmental Administrator

RE: Sweetwater Uranium Project  
Tailings Disposal Pond, 82-783

733

Dear Mr. Snyder:

Recent policy decisions reached by the executive branch of the Wyoming State government indicate that lead regulatory action in the area of tailings disposal should be taken by the Nuclear Regulatory Commission, and duplicative action at the State level should be avoided. The State is not renouncing authority to require protection of the waters of the State, but DEQ will not assert an active regulatory presence in this area as long as the State is confident that NRC is adequately protecting the environment.

In light of the above, the Water Quality Division will not issue a Permit to Construct for the referenced facility and will withdraw your permit application. Our comments will be forwarded to the Nuclear Regulatory Commission.

Should you have questions on the above, please contact me.

Respectfully,

*Albert J. Berreth*

Albert J. Berreth  
Area III Supervisor

AJB:dcn

cc: Jake Strohmman  
Lander DEQ/LQD  
Bill Ewen  
File (2)

12-9-82

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 82-734R

\*CONDITIONS OF PERMIT\*

FREMONT COUNTY ROAD DEPARTMENT  
SHOP AND STORAGE BUILDING

\_\_\_\_\_  
(Name of Facility)

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

\_\_\_\_\_  
Board of County Commissioners; Fremont County

\_\_\_\_\_  
County Court House

\_\_\_\_\_  
Lander, Wyoming 82520

to construct, install, or modify a septic tank-leachfield

\_\_\_\_\_  
facility according to the procedures and conditions of the  
application No. 82-734R. The facility is located in \_\_\_\_\_

\_\_\_\_\_  
Sec. 1, T33N, R100W

\_\_\_\_\_  
in the County of Fremont,

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

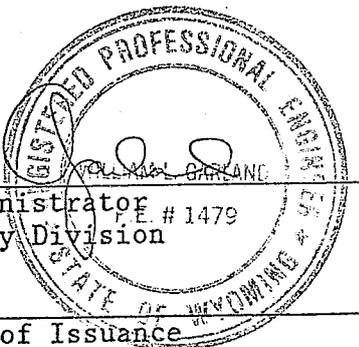
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

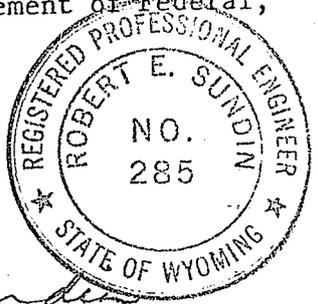
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator P.E. # 1479  
Water Quality Division  
  
December 1, 1982  
Date of Issuance

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


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

\*CONDITIONS OF PERMIT\*

1. The intent of the construction authorized by this permit is to provide facilities for the interim treatment of wastewater until such time that treatment is available through a regional wastewater system. The City of Lander's 201 facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Facility Plan.
2. The permittee shall notify the representative of the Fremont County Planning Department of the day construction is scheduled to commence and the estimated completion date of this project. Final inspection of the installed system is required before backfilling. The authorized representative in your area can be contacted at the following address:

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



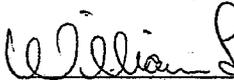
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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 this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, 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.

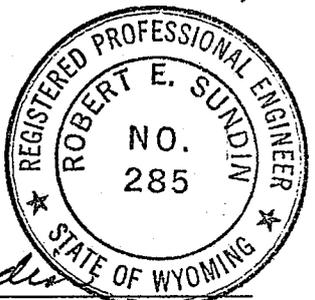
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator 479  
Water Quality Division  
December 20, 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.

CONDITION

The permittee shall notify representatives of the Campbell County Engineer'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:

Bill Flaherty  
Campbell County Engineer's Office  
500 South Gillette Avenue  
Gillette, WY 82716

xc: Campbell County Engineer's Office



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

November 13, 1984

Teton Shadows Homeowners Association  
c/o Jim Schlinger, Manager  
P. O. Box 2150  
Jackson, WY 83001

RE: Teton Shadows - Acceptance of  
As-Builts #82-736RR

Gentlemen:

This department has been involved with the Teton Shadows Homeowners Association and your consultant, Nelson Engineering, concerning your violation of Wyoming Statute 35-11-301 back in 1982. As we have mentioned before, any proposed modification of sewage treatment/disposal facilities must be authorized by this department before being constructed. The method this department uses to handle situations such as this is our acceptance of as built plans and specifications. No actual permit to construct will be issued, and this letter and listed conditions is your letter of acceptance of as built plans by the department.

After reviewing your as built plans, the following information and conditions are apparent:

1. The wastewater treatment plant has been sized to handle the sewage of 96 condo units at 370 gpd/condo unit. This is, therefore, considered the maximum number of condominium units that this as built authorization allows you to hook into the sewage plant. Naturally, you need to provide proper personnel and equipment to operate this plant.
2. The leach fields sized under our old "pre-December 1983" regulations are designed to treat the sewage from a maximum of 60 condo units at 370 gpd/condo unit. This is, therefore, considered the maximum number of condominium units that this as built authorization allows. This is considered the controlling parameter in your entire sewage system at this time.

Should you desire to expand or modify the leach field disposal portion of your system, you need to utilize the current regulations for the addition or any modification. We will provide you the specific regulations when you request them.

*aba*

3. The flow into the disposal units needs to be proportionally distributed to all three leach fields. That is, the flow needs to be controlled to allow the maximum flow of 6 condo units to Field C, 30 condo units to Field B, and 24 condo units to Field A. Exceeding the loading rate to the provided square footage can cause the failure of a field such as you once noted on Field A.

Further, the leach field areas are not to be used as a parking lot if at all avoidable.

4. As a condition to this as built authorization, you need to continue your quarterly monitoring of the well UW15642 (approximately 150 feet from the leach field). Parameters to be monitored include: chloride, nitrate, and fecal coliform. The results should be sent, again quarterly, to the Department of Environmental Quality - Water Quality Division, Herschler Building, 122 West 25th Street, Cheyenne, Wyoming 82002, Attention: Mr. Tony Mancini.

As a reminder, please remember that construction of a wastewater treatment facility is a violation of Wyoming Statute 35-11-301. If this practice continues in the future, this office will be forced to recommend legal action be initiated against you.

Sincerely,



Ed Baruth, P.E.  
Northwest District Supervisor

EB:dcn

cc: Jake Strohman, DEQ/WQD Cheyenne  
Tony Mancini, DEQ/WQD Cheyenne  
Nelson Engineering, Attention: Paul Selsky  
File



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

October 15, 1984

CERTIFIED #P 399 271 121

Mr. Scott Sheperd  
Box 3393  
Jackson, WY 83001

RE: Teton Shadows #82-736R

Dear Mr. Sheperd:

On August 29, 1984, I wrote a review (enclosed) of the Teton Shadows wastewater treatment facility. In this review, I noted that percolation tests must be conducted so the capacity of the existing leach beds could be determined.

Since I was under the impression that you were anxious to complete the evaluation of your treatment facility so you could determine to what extent you could continue development, I did not set a deadline for response to my review. However, a timely response is necessary as far as this office is concerned since a violation has been written regarding construction of part of the facility without a permit.

Therefore, you are required to respond to my August 29, 1984 review letter within 30 days of receipt of this letter. I feel that we have made good, although slow, progress in resolving the construction violation.

I would sincerely appreciate continued progress without having to resort to legal action.

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

Respectfully,

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

Jeff Hermansky  
Water Quality Evaluator

JH:dcn

Enclosure

xc: Jim Schlinger, Manager-Teton Shadows  
Joe Chalfant, Teton County  
Nelson Engineering-Attention: Paul Selsky  
Plans #82-736R

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Teton Shadows Wastewater Treatment Facility

ENGINEER: Nelson Engineering  
P. O. Box 1599  
Jackson, WY 83001

OWNER: Mr. Scott Sheperd  
Box 3393  
Jackson, WY 83001

WATER QUALITY DIVISION REFERENCE NUMBER: #82-736R

REVIEWING EVALUATOR: Jeff Hermansky



DATE OF REVIEW: August 29, 1984

ACTION: Not authorized.

COMMENTS: Thank you for your evaluation of Teton Shadow's wastewater treatment facility. Your submittal has been a great help in determining the adequacy of the existing facility.

The limiting factor in the treatment plant appears to be the aeration tank. Based on a minimum of 16 hours detention time, the capacity of the aeration tank is 34,993 gallons per day. This is equivalent to 95 condo units at 370 gallons/unit/day.

It appears that the total capacity of the facility is going to be limited by the leach beds. Since the capacity of the beds is critical and capacity can't be determined accurately without percolation tests, you will need to run percolation tests at the edges of the existing beds. A minimum of two tests adjacent to the large bed and one test adjacent to the small bed must be run. Please run the tests at the "operating" depth of the existing beds.

In your report, you make note of an existing plugged field. During our August 28, 1984 phone discussion, you stated that you determined the size of the field from records found at the courthouse.

ew of Plans and Specifications  
on Shadows Wastewater Treatment Facility #82-736R  
August 29, 1984  
Page Two

If the plugged field is to be considered as usable leach area, you must demonstrate that the field has been restored as well as determine by actual on-site investigation, the size of the field.

Upon receipt of the above mentioned information, we will complete our review of the facility.

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

JH:dcn

xc: Jim Schlinger, Manager - Teton Shadows  
Joe Chalfant, Teton County

*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

July 23, 1984

Teton Shadows Homeowners Association  
c/o Jim Schlinger, Manager  
P. O. Box 2150  
Jackson, WY 83001

CERTIFIED #P 289 233 584

RE: Teton Shadows disposal field as built  
82-736.

Dear Homeowners:

On July 6, 1984, I met with the Teton Shadows Homeowners Association Board of Directors and Jim Schlinger. The purpose of the meeting was to discuss with the Board the history of the Water Quality Division's letter of violation and the action necessary to resolve the remaining three items in the letter.

The three items that we discussed were monitoring wells between the leach field and the irrigation ditch to the north, the need for testing for chlorides and nitrates in the water supply well, and the number of units that can be served by the existing wastewater treatment facility.

The status of these three items are as follows:

1. After being assured by Jim Schlinger that there was no groundwater near the north leach field, I asked if Jim could dig a test pit to explore for groundwater. I asked Jim to dig between the irrigation ditch that is about 35 to 40 feet north of the field, and the north edge of the field. I felt the time was right to look for groundwater since the ditch had been carrying water for about 6 to 8 weeks and the leach field had just received the wastewater generated during the Fourth of July, a peak flow period.

On July 7, Jim dug a 12 to 13 foot deep test pit about 5 feet from the north edge of the leach field. I found the pit to be dry and found no indication that the soil was ever saturated by groundwater at the depth exposed.

Based on the information found by digging the test pit, I don't feel that the irrigation ditch effects or will impact the leach field. Therefore, monitoring wells will be unnecessary between the ditch and the field.

..../2

Ston Shadows Homeowners Association  
c/o Jim Schlinger, Manager  
July 23, 1984  
Page 2

2. Jim stated at the meeting that a sample of the well water has been sent to Ford Laboratory for analysis for chlorides and nitrates. He said samples will be sent quarterly with the results forwarded to this office.

As long as this procedure is followed, you will satisfy the monitoring requirement for the well.

3. The application form that accompanied the as built plans stated that the wastewater treatment facility serves 56 units. Since we don't have any design information to show the facilities capacity (both plant and disposal field), it was taken that the engineer based the facility design on 56 units.

There has been discussion that the facility may be able to treat the wastewater from more than 56, yet some question as to the ability of the plant to treat the existing loads during the peak flow period. Therefore an engineer must review the plant design and operation. The engineer should report on the number of units that the plant is designed to serve when properly operated, any changes that are necessary to provide for proper treatment, and the operation and maintenance procedure for most efficient operation.

Please have your engineer submit his report within 30 days of receipt of this letter. Upon review of the report, a determination will be made regarding the number of units that can be served.

Feel free to contact Ed Baruth or myself if you or your engineer has any questions.

Respectfully,



Jeff Hermansky  
Water Quality Evaluator

JH:bah

xc: Scott Shepard (Box 3393, Jackson, WY 83001)  
Jake Strohman, DEQ/WQD Cheyenne  
Plans, 82-736  
File

THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR*Department of Environmental Quality**Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

May 31, 1984

CERTIFIED MAIL #P 289 233 578Teton Shadows  
P. O. Box 2150  
Jackson, Wyoming 83001

Attention: Jim Schlinger

RE: Teton Shadows Disposal Field  
As Builts #82-736

Dear Mr. Schlinger:

Thank you for responding to my March 12, 1984 letter regarding the Teton Shadows Disposal Field as builts. My letter listed a few items that needed to be addressed before the as builts could be authorized.

The following items still need to be addressed:

1. There needs to be monitoring wells installed between the leach field and the irrigation ditch. We cannot, as you suggested, just switch the wastewater flow to the west leach field during the irrigation season. The west field is not large enough to handle all the wastewater produced.

Have your engineer submit a plan locating the wells and a suggested monitoring program.

2. The test results for your water well that you have submitted are only for fecal coliform. You are also required to monitor for chlorides and nitrates on a quarterly basis. We have not yet received any test results for chlorides and nitrates. These tests must be performed and the results forwarded to this office.

3. The as built application is for 56 units only. Should Teton Shadows be developed further, you are required to have an engineer evaluate the system and design the improvements necessary to meet any increased loading.

Simply, no more units can be connected to the existing wastewater disposal facility.

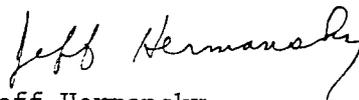
AC

Teton Shadows  
May 31, 1984  
Page Two

The aforementioned items must be addressed within 30 days of receipt of this letter. Failure to satisfactorily address these items will result in legal action being initiated against Teton Shadows.

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

Respectfully,



Jeff Hermansky  
Water Quality Evaluator  
Northwest District

JH:dcn

xc: Jake Strohman, DEQ/WQD Cheyenne  
Joe Chalfant, Teton County  
Robert Ablondi, Jorgensen Engineering  
File



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

July 20, 1983

CERTIFIED MAIL #P 289 233 562

Teton Shadows  
P. O. Box 2150  
Jackson, WY 83001

Attention: Jim Schlinger

RE: Teton Shadows Disposal Field  
As Builts #82-736

Dear Mr. Schlinger:

On June 13, 1983 I met with you at Teton Shadows to determine what action had been taken regarding Albert Berreth's January 6, 1983 letter.

Mr. Berreth, the Department of Environmental Quality Engineer who was responsible for Teton County in January of 1983, listed five conditions that needed to be addressed before the as built construction of the disposal field would be accepted. Of the five conditions listed, at least three still need to be addressed. These conditions are as follows:

1. The irrigation ditch on the east edge of the property is only about 25 feet from the edge of the disposal field. The regulations require a separation of at least 50 feet between disposal fields and any waterway. Therefore, it must be shown that the disposal field is not and will not be impacted by the irrigation ditch.
2. The as built disposal field is too small to accommodate increased loading that would accompany further development at Teton Shadows. Therefore, a new disposal field must be designed and permitted for construction. The new field can then be constructed as soon as the need arises.

Keep in mind that a disposal field can't be constructed in an area to be used for roads, driveways, or parking.

3. Quarterly monitoring of the water well for chlorides, nitrates and fecal coliforms has not been done in accordance with Mr. Berreth's letter. The monitoring of the well has been made a condition of acceptance of the as built construction and therefore is required.

Please note that the modification to the wastewater treatment facility at Teton Shadows without first securing a Permit, was a violation of the Wyoming Environmental Quality Act, Section 35-11-301(a)(iii). The as built plans provide us with a method of evaluating a project for conformance with design and construction standards. If the plans are found to be in conformance and any changes and/or conditions are met, then an "administrative authorization" of the as built plans may be granted.

This procedure allows us to handle a violation without pursuing legal action. However, if we are unsuccessful in our attempts to authorize an as built project, legal action will be initiated.

Since your wastewater treatment plant is capable of producing a good quality effluent, you may wish to secure a permit for surface discharge. With surface discharge, there would be no need to pursue any of the three aforementioned requirements for authorization of the "as built plans". However, all surface discharges must be tested by the owner on a routine basis as required by the discharge permit.

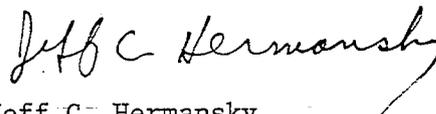
To further investigate how to secure a discharge permit, please contact John Wagner in the Department of Environmental Quality's Cheyenne Office. John's address is 1111 East Lincolnway, Cheyenne, Wyoming 82002; or you may call him at 777-7082.

If you elect to go with a surface discharge, have your engineer submit the plans showing the modifications necessary.

Please respond to this office with your proposed action within thirty (30) days of receipt of this letter.

Thank you for your cooperation.

Respectfully,



Jeff C. Hermansky  
Water Quality Evaluator  
Northwest District

JCH:dcn

cc: Jake Strohman, DEQ/WQD Cheyenne  
John Wagner, DEQ/WQD Cheyenne  
Joe Chalfant, Teton County  
Robert Ablondi  
File (4)



*Department of Environmental Quality*

*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 6, 1982

Mr. Jim Schlinger  
Teton Shadows  
P. O. Box 2150  
Jackson, WY 83001

RE: Teton Shadows Disposal Field  
As Builts - #82-736

Dear Mr. Schlinger:

The Department of Environmental Quality, Water Quality Division is prepared to accept the referenced as-builts subject to the following conditions:

1. Additional review of the irrigation ditch on the east edge of the property must be made. Any adverse affects on ground water depth or movement then need to be addressed.
2. The pump station must be fitted with a high level alarm and a spare pump and motor must be kept on hand.
3. Because of the serious effects that poor sewage treatment can have on the disposal fields, a wastewater plant evaluation should be made. It will be required that a contingency plan be developed and that some means of effluent monitoring be performed to alert yourself, for example, of a high solids effluent being discharged to the disposal field.
4. Because the disposal field does not entirely meet state standards and is too small to accomodate future increased loading, a new disposal field must be designed and permitted for construction. At this time, installation of that disposal field is not required; however, as soon as the current disposal fields show signs of failing, construction will need to commence.
5. Quarterly monitoring of the water well for chlorides, nitrates, and fecal coli-forms must be performed and sent to this office. Additional monitoring parameters or wells may be added in the future as may be required. These analyses will be due by the 15th of January, April, July and October. Because of the timing of this letter, your first analysis will be due the end of this month.

Jim Schlinger  
January 6, 1983  
Page Two

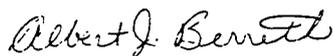
Because the preceding conditions require action by the Teton Shadows, please note April 1, 1983 on your calendar as the date by which to respond to us. Sometime after that, we can schedule a followup inspection of the facility.

In addition to the above, I would strongly recommend that you install a flow measuring device in the existing sewage treatment plant. With flow measurement, you will be in a better position to determine what the peak and average wastewater flows are.

Also, I would recommend that you contact Mr. Paul O'Leary in our Cheyenne office, telephone 777-7781, and inquire about wastewater training courses and operator certification.

Should you have question, please contact me.

Respectfully,



Albert J. Berreth  
Area III Supervisor

AJB:dcn

cc: Cheyenne DEQ/WQD--J. Strohman, P. O'Leary, B. Ewen  
Bob Ablondi  
Joe Chalfant  
File (4)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Ralph Eastman Wastewater Treatment Facility

ENGINEER: Lloyd Baker  
Baker Engineers  
Box 210  
Thayne, WY 83127

OWNER: Ralph H. Eastman  
P. O. Box 619  
Thayne, WY 83127

WATER QUALITY DIVISION REFERENCE NUMBER: 82-737

Evaluator:  
REVIEWING ~~ENGINEER~~ Jack Bedessem *JB*

DATE OF REVIEW: December 23, 1982

ACTION: Not authorized.

COMMENTS: An initial review of the above mentioned project has been made. Before the review can be completed and a "Permit to Construct" issued, the following points need to be resolved or addressed:

1. Information is needed as to how the leach field was sized (design and sizing criteria).
2. Information is needed as to how the daily wastewater flow was determined (number of employees, rate per employee used, etc.).
3. The west boundary dimension on your plat sheet does not match the west boundary dimension on the plan sheet (296.15' or 319.35').
4. The following distances are needed on the plan sheet:
  - office to septic tank
  - leach field to septic tank
  - any waterways to septic tank
  - any water lines to septic tank
  - water well to septic tank
  - property lines to septic tank
  - any waterways to leach field
  - any water lines to leach field
  - water well to leach field
  - property lines to leach field

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Review of Plans and Specifications

Ralph H. Eastman, Owner

December 23, 1982

5. It is recommended that a clean out be placed in the line from the office to the septic tank. The clean out should be located near the alignment change. Include a clean out detail with the plans.

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

JB:dcn



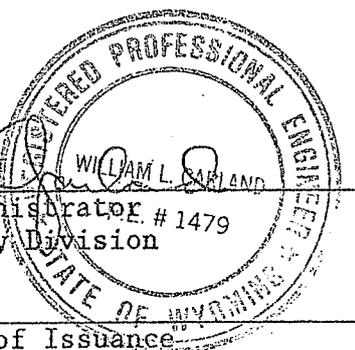
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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 this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, 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. OAKLAND  
Administrator # 1479  
Water Quality Division  
  
January 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.



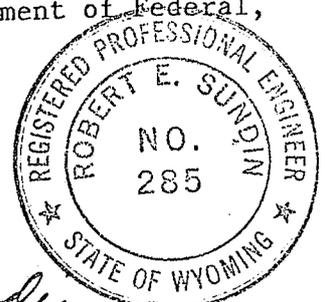
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

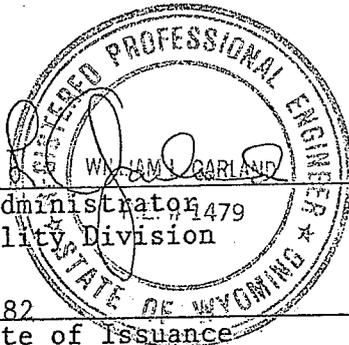
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

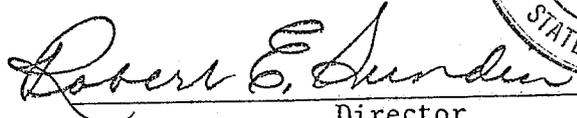
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



  
\_\_\_\_\_  
Administrator 1479  
Water Quality Division  


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

December 1, 1982  
\_\_\_\_\_  
Date of Issuance

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

JH:dcn



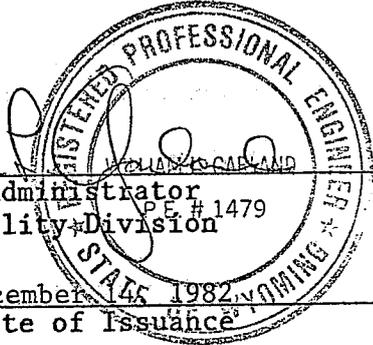
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

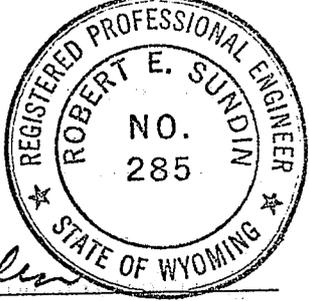
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
William J. Williams  
Administrator  
Water Quality Division  
PE # 1479  
December 14, 1982  
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. The permittee shall connect to the Wamsutter sewage collection system when this collection system is extended near or past the cafe.
2. The area affected by the cafe's surface discharge must be reclaimed within 6 months of this permits issuance.
3. The permittee shall notify representatives of the Sweetwater 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 backfilling. The authorized representative in your area can be contacted at the following address: 205 E. Railroad Avenue  
Green River, WY 82935  
Phone Number: 875-2611 Ext. 215

THE STATE



OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

March 21, 1983

Mrs. Blanche Sapp  
Wamsutter Cafe  
P. O. Box 8  
Wamsutter, WY 82935

RE: Permit 82-740 and Your Letter  
of March 5, 1983

Dear Mrs. Sapp:

Your holding tanks, as installed, are accepted as meeting minimum requirements with the following understanding:

Should it become evident that increased capacity is required to prevent recurring overflows, the necessary additional capacity will be provided.

Respectfully,

A handwritten signature in cursive script that reads "Albert J. Berreth".

Albert J. Berreth  
Area III Supervisor

AJB:dcn

cc: Al Emden  
Cheyenne DEQ/WQD ✓  
File (2)

THE STATE



OF WYOMING

ED HERSCHLER  
GOVERNOR

## Department of Environmental Quality

### Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

February 17, 1983

CERTIFIED #P21 6916592

Mrs. Blanche Sapp  
Wamsutter Cafe  
P. O. Box 8  
Wamsutter, WY 82935

RE: Permit 82-740, Sewage Holding Tanks

Dear Mrs. Sapp:

In a recent construction inspection of the newly installed concrete holding tanks, the county determined the capacity to be less than the authorized 3,500 gallons. This constitutes a construction violation for which you could be fined.

My major concern is the increased likelihood of overflow. I would recommend the installation of a third tank or an overflow alarm system.

Please respond with your intentions as soon as possible.

Respectfully,

A handwritten signature in cursive script that reads "Albert J. Berreth".

Albert J. Berreth  
Area III Supervisor

AJB:dcn

cc: Cheyenne DEQ/WQD  
File (2)

3/29/83

Mr. Frank Sabarge, P. E.  
Wy. Dept. of Environmental Quality  
Water Quality Division  
Lander, WY. 82520

RE; Waste - Water Permit  
application # 82-741

In reference to my Nov. 23, 1982 letter.  
on waste water + land farm use at;  
Crude Proc. Frannie Facility. At this time  
I wish withdraw app. DEQ Ref. # 82-741.  
as a result of a change of ownership of  
facility. Reapplication will be made  
under a new corporate name.

Cole Fross



PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-742R

SEWER AND WATER LINE EXTENSIONS - REVISION B  
 FOR TOWN OF MOUNTAIN VIEW  
 \_\_\_\_\_  
 (Name of Facility)

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

Town of Mountain View  
 \_\_\_\_\_  
P. O. Box 249  
 \_\_\_\_\_  
Mountain View, WY 82742  
 \_\_\_\_\_

to construct, install, or modify a sewer line extension (Pine Street) Ref.#82-478

\_\_\_\_\_ facility according to the procedures and conditions of the application No. 82-742R. The facility is located in \_\_\_\_\_

Sec. 23, T15N, R115W

\_\_\_\_\_ in the County of Uinta,

in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

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 this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, 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  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
STATE OF WYOMING  
January 5, 1983  
\_\_\_\_\_  
Date of Issuance

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

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



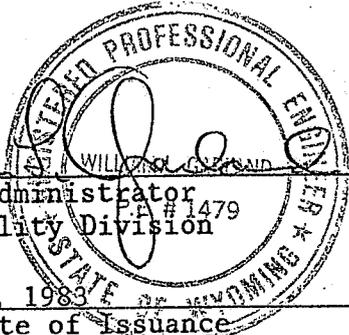
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

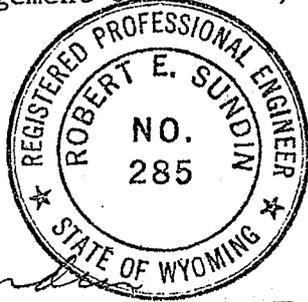
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
William J. Crowland  
Administrator  
Water Quality Division  
P.E. # 1479  
January 10, 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.



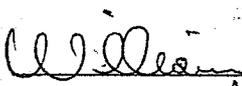
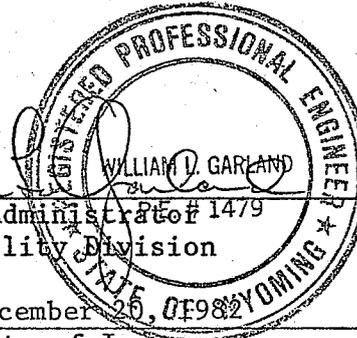
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

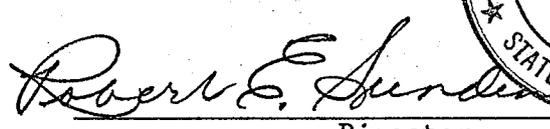
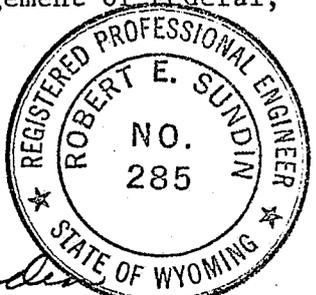
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
  
WILLIAM D. GARLAND  
Administrator # 1479  
Water Quality Division  
December 26, 1982  
Date of Issuance

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

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

\*The permittee shall notify Millard Bruce, Johnson County Sanitarian, of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling. Mr. Bruce can be contacted at 76 North Main, Buffalo, Wyoming, 82834, 684-7102.

xc: Millard Bruce  
76 North Main  
Buffalo, WY 82834

Plains Engineering  
P.O. Box 432  
Buffalo, WY 82834

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-745RR  
SEE SPECIAL CONDITION

Chalk Buttes Mobile Home Park  
(Name of Facility)

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

Mike Garcia

Chalk Buttes Mobile Home Park

9 Chalk Buttes

Douglas, WY 82633

to construct, install, or modify a commercial subsurface wastewater disposal facility according to the procedures and conditions of the application No. 82-745RR. The facility is located in SE1/4 Section 18, T32N, R71W in the County of Converse, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

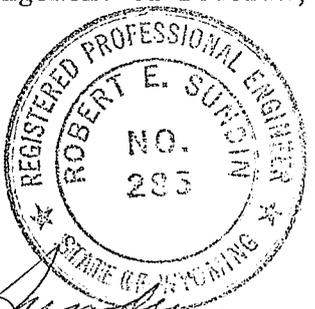
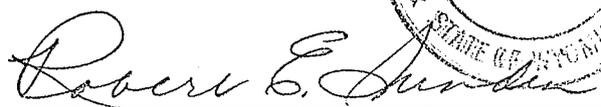
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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 479  
Water Quality Division  
STATE OF WYOMING  
April 18, 1988  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

cc: John A. Lambert  
John A. Lambert & Assoc.  
Box 34  
Douglas, WY 82633

Condition to Permit to Construct

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

Chuck Higgins, County Sanitarian  
Converse County Health Department  
Box 1303  
Douglas, WY 82633  
Telephone: 358-2536

12-10-82

Review of Plans and Specifications

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

PROJECT: Chalk Buttes MHP, Converse Co.

ARCHITECT OR ENGINEER: John Lambert  
P.O. Box 34, Douglas, WY 82633

APPLICANT: Chalk Buttes MHP, c/o Mike Garcia  
9 Chalk Buttes, Douglas, WY 82633

WATER QUALITY DIVISION REFERENCE NUMBER: 82-745

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

DATE OF REVIEW: December 7, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. An application form was not submitted.
2. Your application did not state what the percolation rate or the soil type is at the proposed site. The 1979 application did not specify this information either but based on the information submitted, I have assumed the percolation rate to be 15 minutes per inch. At that assumed percolation rate, the proposed system is inadequate as 190 sq. ft. is required per bedroom. Based on 2 bedrooms per trailer and 3 bedrooms for the house for a total of 23 bedrooms, a total infiltration area of 4370 square feet is required. Since this is a bed system, I would recommend that the system be enlarged in order to function properly. Natrona and Laramie County uses a 1.5 factor while Converse County uses a 1.33 factor for enlargement over a trench system. Either one is acceptable.
3. You are also reminded that a letter of violation (dated 10/8/82) is still in force against you. The letter required a schedule to be submitted to DEQ within 20 days of receipt of the letter. That schedule has never been received to date. The schedule must address the 5 violations stated in the letter and how and when they will be corrected. A \$10,000 per day penalty is still pending against you. An immediate reply would be to your benefit.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-746

Fire Line for J-Flag Arena  
(Name of Facility)

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

Brooks Water & Sewer District  
P.O. Box 2080  
Mills, WY 82644

to construct, install, or modify a public water supply distribution system facility according to the procedures and conditions of the application No. 82-746. The facility is located in Section 11, 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.

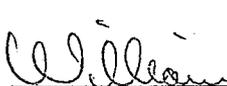
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

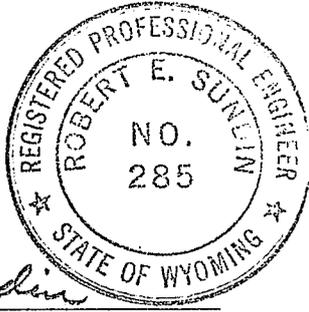
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

  
  
WILIAM L. GARLAND  
Administration 179  
Water Quality Division  
December 6, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

cc: Roy E. Prior  
HNTB  
P.O. Box 3478  
Casper, WY 82602

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-747R

State Fairgrounds  
(Name of Facility)

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

Wyoming State Fair

P.O. Drawer 10

Douglas, WY 82633

to construct, install, or modify a sanitary sewer and potable water main facilities according to the procedures and conditions of the application No. 82-747R. The facility is located in Section 8, T32N, R71W in the County of Converse, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

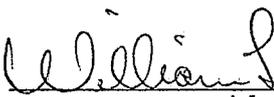
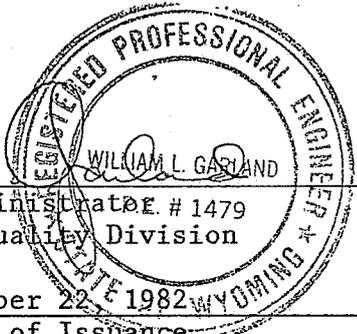
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

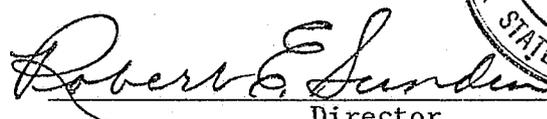
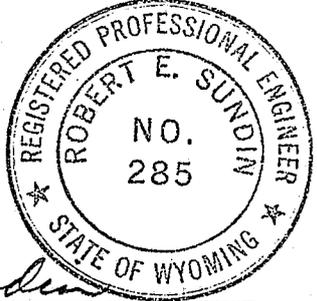
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, 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 # 1479  
Water Quality Division  
December 22, 1982  
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: Harry O. Patterson  
437 S. Spruce St.  
Casper, WY 82601

Review of Plans and Specifications

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

PROJECT: State Fairgrounds, Converse Co.

ARCHITECT OR ENGINEER: Patterson, Weber & Assoc.  
437 So. Spruce, Casper, WY 82601

APPLICANT: WY State Fair  
P.O. Drawer 10, Douglas, WY 82633

WATER QUALITY DIVISION REFERENCE NUMBER: 82-747

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

DATE OF REVIEW: December 7, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Specifications for materials to be used and installation practice must be submitted.
2. A manhole should be installed at the intersection of the cafeteria sewer and the interceptor sewer.
3. The cafeteria sewer should be increased to at least a 6-inch pipe.
4. What is the size of the grease interceptor? What fixtures discharge into it? What is the seating capacity of the dining room? How many hours per day will the cafeteria operate? I suggest you coordinate the sizing of the interceptor with Chuck Higgins, Converse County Sanitarian and Gary Case, Douglas City Engineer.
5. The plans must be signed or sealed by an engineer registered in Wyoming.

cc: Gary Case, Town Engineer  
Town of Douglas  
130 South Third St.  
Douglas, WY 82633

Chuck Higgins, Sanitarian  
Converse Co. Health Dept.  
127 North 5th St.  
Douglas, WY 82633

12-9-82

Review of Plans and Specifications

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

PROJECT: Laramie Fire Dept. Training Area, Albany Co.

ARCHITECT OR ENGINEER:

APPLICANT: City of Laramie Fire Dept.  
Box C, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 82-748

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

DATE OF REVIEW: December 7, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Since your facility is located within the City of Laramie 201 Wastewater Planning Area, the City of Laramie and Albany County has requested that you contact them concerning connection to the regional sewer system. A letter from the City/County is necessary stating whether or not your connection is required at this time. If the City/County states that your connection to the central system is not necessary at this time, then refer to the following comments and resubmit this information to this office for further review of your application.
2. Your commercial facility requires that a registered engineer sign and submit your application and plans to DEQ.
3. The soil type of a sandy clay does not correspond to a percolation rate of 3-5 minutes/inch. A rate of 45-60 minutes per inch is more applicable. Did you follow the percolation test procedure correctly? Please submit your field data.
4. Design information was not submitted stating the maximum number of occupants that will train at the facility during a day.
5. The plan sheet did not show distances to property lines, water lines, water wells, etc.



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 5, 1985

Carter-Leikam Associates  
326 S. 4th Street  
Douglas, WY 82633

RE: DEQ/WQD Ref. No. 82-749, Jim's Water Service

Gentlemen:

Your application is considered inactive and this file is being closed under the assumption that the applicant does not wish to proceed with the permit to construct process.

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

Sincerely,

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

William L. Garland  
Administrator

WLG/CGN/nc

2-20-84



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 17, 1984

Mr. Jim Rogers  
Jim's Water Service  
P.O. Box 2290  
Gillette, WY 82716

Dear Mr. Rogers:

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:	Jim's Water Service, Douglas Facility Holding Tank
DEQ/WQD Reference Number:	82-749
Engineering Consultant:	Carter-Leikam Associates
DEQ/WQD Reviewing Engineer:	LeRoy C. Feusner
Date of DEQ/WQD Review:	December 14, 1982

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

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

The application will be resubmitted within 30 days.

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

Other remarks \_\_\_\_\_

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

Sincerely,



LeRoy C. Feusner, P.E.  
Southeast District Supervisor  
Water Quality Division

cc: Carter-Leikam Associates  
326 South 4th Street  
Douglas, WY 82633



*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 14, 1984

*Mr. Jim Rogers*

~~Mr. Rich Barrick~~

Jim's Water Service

821 Edwards Road

Gillette, WY 82716

*PO Box 2290*

Dear Mr. Barrick:

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:	Jim's Water Service, Douglas Facility Holding Tank
DEQ/WQD Reference Number:	82-749
Engineering Consultant:	Carter-Leikam Associates
DEQ/WQD Reviewing Engineer:	LeRoy C. Feusner
Date of DEQ/WQD Review:	December 14, 1982

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

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

The application will be resubmitted within 30 days.

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

Other remarks \_\_\_\_\_

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

Sincerely,



LeRoy C. Feusner, P.E.  
Southeast District Supervisor  
Water Quality Division

cc: Carter-Leikam Associates  
326 South 4th Street  
Douglas, WY 82633

Review of Plans and Specifications

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

PROJECT: Jim's Water Service, Douglas Facility Holding Tank, Converse Co.

ARCHITECT OR ENGINEER: Carter-Leikam Assoc.  
326 So. 4th St., Douglas, WY 82633

APPLICANT: Jim's Water Service  
821 Edwards Road, Gillette, WY 82716

WATER QUALITY DIVISION REFERENCE NUMBER: 82-749

REVIEWING ENGINEER: *LeRoy C. Feusner*  
LeRoy C. Feusner, P.E.

DATE OF REVIEW: December 14, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The plans must carry the signature or seal or a professional engineer licensed in Wyoming.
2. Provide a profile drawing indicating concrete pad and tank elevations. Indicate how excessive wash water will be contained on concrete pad prior to flowing into holding tank. Provide a detail drawing of the holding tank.
3. How will concrete holding tank be waterproofed to prevent leaking through concrete or seams? What is depth to groundwater? What will be lower elevation of holding tank in relationship to the seasonally high groundwater table? Depending upon above data, additional groundwater data may be required.
4. Your application form indicates that wastes will be hauled to an approved pit in Gillette. Please identify the exact site. Does the proposed site have adequate capacity to handle the volume of these wastes, and are they compatible under any hazardous wastes permits? What type of wastes has the facility been approved to treat or store?
5. The application form indicates a volume of 250-300 barrels of wastewater. What time period would this cover?
6. How do you propose to transport these wastes to the final disposal facility?
7. Distances from the holding tank to the following landmarks must be provided?

<u>Landmark</u>	<u>Minimum Distance (feet)</u>
Water wells	50
Building foundations	5
Property lines	10
Water lines	25
Stream or water course	50

8. Each holding tank shall be provided with a minimum two inch vent ending in a return elbow at least twelve inches above final grade. The vent shall terminate at least thirty feet from any door, window, or fresh air inlet.
9. All holding tanks shall be equipped with a high water level alarm. The device shall be an audible alarm or an indoor illuminated alarm.
10. Will any solvents be used to wash out tanks?

REVIEW OF PLANS AND SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: West Transmission Pipeline

ENGINEER: Chuck Bartlett  
Donnell & Associates, Inc.  
P. O. Box 638  
Worland, WY 82401

OWNER: Board of Public Utilities  
City of Worland  
P. O. Box 816  
Worland, WY 82401

WATER QUALITY DIVISION REFERENCE NUMBER: 82-750R

REVIEWING ENGINEER: Francis LaBarge, Northwest District  
Supervisor *FL*

DATE OF REVIEW: December 7, 1982

ACTION: Not authorized

COMMENTS: As we discussed on the phone, the following items need to be addressed before a permit to construct can be authorized.

1. Al Lambiase has informed me that the Marathon Pipeline Co. Gas Line shown on the plan is, in fact, an oil line. As a result a minimum horizontal separation distance of ten (10) feet will be required between the oil line and the proposed water line. Also all crossings should be shown on the profiles so vertical separation distances can be verified. Be sure to identify the Marathon Pipeline Co. Line as an oil line on the plans. Also the specifications should note that one full length of water pipe shall be located so both joints will be as far from the oil line as possible. Any special provisions that Marathon Oil Co. may require should also be addressed.
2. The cover on the water line in the area of the Big Horn River Side Channel should be increased to 5½ feet.
3. Please furnish the design calculations used to specify each type of pipe included in the specifications. This includes operating pressures, surge pressures, earth loads and live loads for each segment of line identified in the specifications.

*ABC*

4. The specs call for joint surfaces of push on joints to be lubricated with "heavy vegetable soap" suitable for use in potable water. After what has happened on the other water line, it probably would be a good idea to further clarify exactly what type of lubricants are acceptable.

5. Because of the large volumes of water involved in the flushing and testing of the proposed waterline, we will require that the plans for disposal of the water be approved by this department before any testing begins. This should be written into the specifications.

6. A typical fire hydrant detail is needed.

For the record, I am listing the items we discussed over the phone on December 2, 1982:

7. A copy of the pressure calculations are needed.

8. It appears concrete anchors may be needed between Stations 23+00 and 25+00 on Sheet 1 and Stations 72+00 and 73+75 on Sheet 3. Please furnish the necessary calculations to make this determination.

9. It appears a reaction block is needed at Station 23+00 on Sheet 1.

10. Please verify how the valve vault is to be drained.

11. Information is needed on the selection of the altitude valve to verify it is correctly sized.

12. The City Engineer needs to sign off on the plans and inform me of this.

Questions 7 - 12 were previously discussed, as I noted, and as I understand it, a reply is on the way. Questions 1 - 6 need to be addressed. Please submit the required information, in triplicate, to this office. If you have any questions, please call me.

cc: Al Lambiase-City Engineer, City of Worland



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.

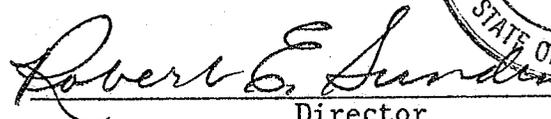
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

  
\_\_\_\_\_  
REGISTERED PROFESSIONAL ENGINEER  
WILLIAM L. GARLAND  
P.E. # 1479  
STATE OF WYOMING  
Administrator  
Water Quality Division  
December 29, 1982  
\_\_\_\_\_  
Date of Issuance

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

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

cc: Al Lambiase, City Engineer, City of Worland



*Department of Environmental Quality*  
*Water Quality Division*

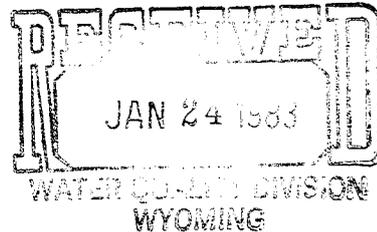
210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 20, 1983

Mr. Chuck Bartlett  
Donnell & Associates, Inc.  
P. O. Box 638  
Worland, WY 82401



RE: West Transmission Pipeline Permit  
No. 82-750RR, Addendum No. 3

Dear Mr. Bartlett:

A review of the above referenced Addendum No. 3 has been completed. The Addendum is acceptable and, along with Addendums 1 and 2, has been incorporated into the authorized plans.

Yours truly,

A handwritten signature in cursive script that reads "Francis LaBarge".

Francis LaBarge  
Northwest District Supervisor

FL:dcn

cc: Cheyenne DEQ/WQD  
Al Lambiase - Worland City Engineer  
Michael Ormsby - Farmers Home Administration



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 19, 1983

Mr. Chuck Bartlett  
Donnell & Associates, Inc.  
P. O. Box 638  
Worland, WY 82401

RE: West Transmission Pipeline Permit  
No. 82-750RR, Addendum No. 2

Dear Mr. Bartlett:

A review of the above referenced Addendum No. 2 has been completed. Items 1 through 7 and 10 and 11 are satisfactory and don't warrant any further discussion.

Item 8 calls for Corban RPM pipe with a Type II liner or approved equal. As per our conversation, a Type II liner is not acceptable for a water line and a third addendum is being issued changing this to a Type I liner.

Item 9 reduces the Corban RPM pipe from Class 200 to Class 150. The operating pressure in the line will be approximately 100 psi with surge pressures on the order of 50 psi anticipated. Based upon AWWA C950 which states that the operating and surge pressures should not exceed 1.4 times the pressure class of the pipe, this reduction in pressure class is acceptable.

Yours truly,

A handwritten signature in cursive script that reads "Francis LaBarge".

Francis LaBarge  
Northwest District Supervisor

FL:dcn

cc: Cheyenne DEQ/WQD  
Al Lambiase - Worland City Engineer  
Michael Ormsby - Farmers Home Administration

