



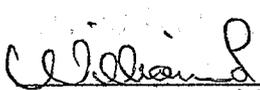
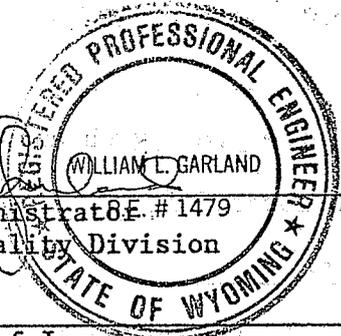
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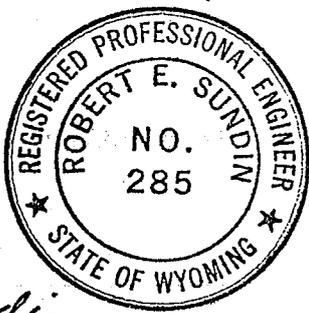
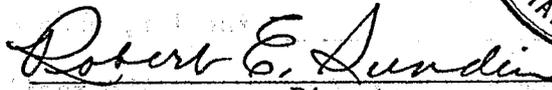
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

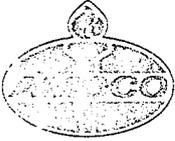
AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
Administrat8E. # 1479  
Water Quality Division  
July 25, 1984  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

JH:dcn



**Amoco Production Company**

Post Office Box 1400  
Riverton, Wyoming 82501  
307-856-8111

B. H. Balthrop  
District Manager

July 18, 1984

Water Quality Construction Projects  
Control Officer  
State of Wyoming  
Department of Environmental Quality  
Water Quality Division  
210 Lincoln  
Lander, WY 82502

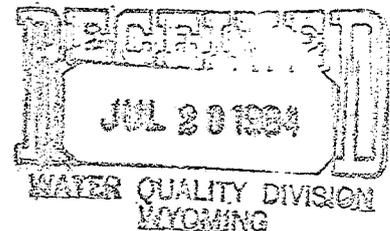
File: BHB-1088-594

Extension for Construction Permit #81-901

Amoco Production Company, Riverton District requests a one year extension for permit #81-901 (attached). This permit was issued for the construction of a sewer tie-in for Amoco's Wamsutter field office to the City of Wamsutter's sewer system. It was issued on December 10, 1981. Amoco did not proceed with this construction project within the allotted two years. Amoco would like to construct this project as originally permitted this year, and therefore request a one year extension of the permit.

Please direct any questions concerning this project to A. M. Fehrenbach at 1-307-328-0631.

RJJ/pls/ENG6/1





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.

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AUTHORIZED BY:

*William Garland*  
 Registered Professional Engineer  
 WILLIAM GARLAND  
 Administrator  
 Water Quality Division  
 December 10, 1981  
 Date of Issuance

*Robert E. Sunders*  
 Registered Professional Engineer  
 ROBERT E. SUNDERS  
 NO. 285  
 STATE OF WYOMING  
 Director  
 Dept. of Environmental Quality

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

FL:mb  
12/10/81

*Per telecon (10:25) 7/18/84  
 w/ Ed Bruce. Construction Projects  
 Lander DEQ, Water Quality Div.  
 permit extended for 1 additional  
 year - nothing else required.  
 Additional telecon Jeff Hermansti  
 just write a letter to DEQ  
 requesting a renewal.  
 include permit #, they will  
 issue new #.*



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

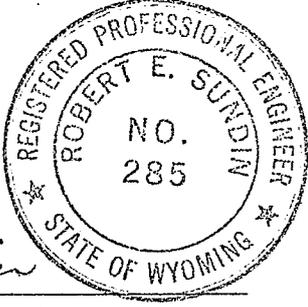
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AUTHORIZED BY:

  
\_\_\_\_\_  
WILLIAM L. GORFAND  
Administrator # 1479  
Water Quality Division  


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


December 13, 1982  
Date of Issuance

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

AJB:dcn

ROBERT JACK SMITH  
CONSULTING ENGINEERS



& ASSOCIATES, INC.  
AND LAND SURVEYORS

P.O. BOX 1104 RAWLINS, WYOMING 82301

1015 HARSHMAN

PHONE (307) 324-5262

JOB NO. 3773.003

*Norma*  
*Sweetwater Co.*

December 3, 1982



DEQ - Water Quality  
1111 E. Lincoln Way  
Cheyenne, Wyoming 82002

Dear Mr. Garland,

This letter is to request an extension past the two years from the date of issuance for Permit No. 81-901 (dated December 10, 1981) for sewage collection system for Amoco Production Company.

Amoco Production Company will not be constructing this project in 1983.

If you have any questions, please call.

Thank you.

Sincerely,  
Robert Jack Smith & Associates

Rex A. Behrends, P.E.

cc: Jim Traub

RAB/c



81-901R

Principals:  
MARTIN PEDERSEN  
PAUL McCARTHY

REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS IN WYOMING, COLORADO, NEW MEXICO, ARIZONA, UTAH, NEVADA, MONTANA, IDAHO, SOUTH DAKOTA AND NORTH DAKOTA



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

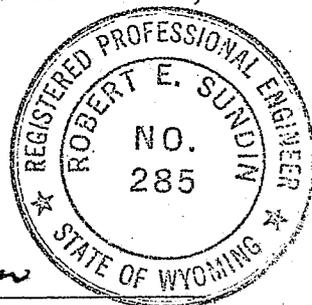
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AUTHORIZED BY:

  
*William L. Garland*  
Administrator  
Water Quality Division  
December 10, 1981  
Date of Issuance

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

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

FL:nb  
12/10/81

12-15-80

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 81-902  
SEE SPECIAL CONDITION

Urdike Brothers  
(Name of Facility)

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

Energy Electric Company

211 Cleveland

Sundance, WY 82729

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-902. The facility is located in Section 28, T34N, 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.

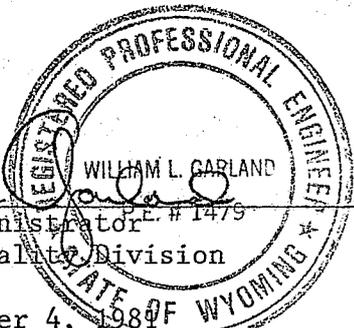
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

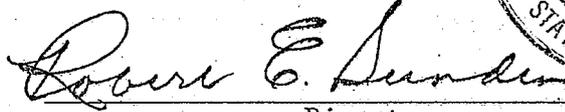
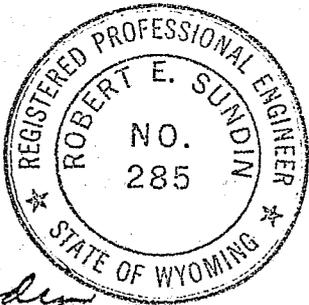
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 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, P.E. # 1479  
 Water Quality Division  
 December 4, 1989  
 Date of Issuance

  
  
 Director  
 Dept. of Environmental Quality

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

cc: Detmer R. Knapp  
 Knapp & Associates  
 P.O. Box 9859  
 Casper, WY 82609

Conditions to Permit to Construct

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 Casper Urban Water Quality Management Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Casper Urban Water Quality Management Plan and the Final 201 Facility Plan.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-903R

Pit Dewatering, 35-24 Treatment Facility  
(Name of Facility)

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

Medicine Bow Coal Company

P.O. Box 550

Hanna, WY 82327

to construct, install, or modify a two stage pit dewatering treatment pond facility according to the procedures and conditions of the application No. 81-903R. The facility is located in E 1/2 SW 1/4, Section 35, T23N, 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.

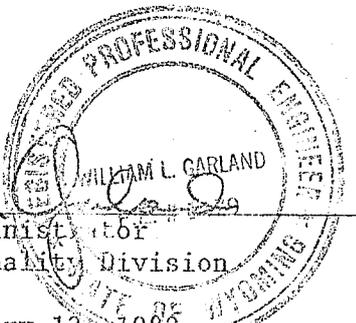
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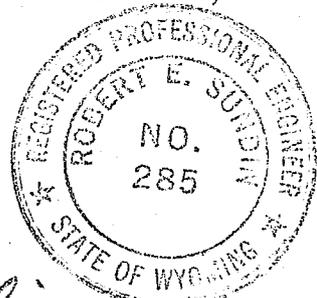
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 L. Garland*  
\_\_\_\_\_  
Administrator  
Water Quality Division  
January 13, 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: Ted J. Hall  
Arch Mineral Corp.  
P.O. Box 490  
Hanna, WY 82327

Rich Dimambro, DEQ/LQD, Cheyenne

12-22-81

Review of Plans and Specifications

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

PROJECT: Medicine Box Mine, 35-24 Treatment Facility, Carbon Co.

ARCHITECT OR ENGINEER: Robert Pixler, Arch Mineral  
P.O. Box 550, Hanna, WY 82327

APPLICANT: Medicine Bow Coal Co.  
P.O. Box 550, Hanna, WY 82327

WATER QUALITY DIVISION REFERENCE NUMBER: 81-903

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

DATE OF REVIEW: December 11, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The 12-inch CMP pipe that enters the secondary pond requires some type of erosion control (riprap, splash plate, etc.). At 1000 gpm and at a 12.5 foot drop, considerable force will be exerted. Erosion control must also be implemented at the inlet to the primary pond and at the discharge point to Pix Draw because of the high flow rates.
2. Three copies of all submittals are required.

TSN/nc

cc: Rich DiMambro, DEQ/LQD, Cheyenne

1-12-82

PERMIT TO CONSTRUCT

New

Permit No. 81-904RR

Renewal

Modified

E. N. Q. Project  
(Name of Facility)

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

Union Engergy Mining Division

Box 1500

Rawlins, WY 82301

to construct, install, or modify a \_\_\_\_\_

septic tank - leach field

\_\_\_\_\_ facility according to the procedures and conditions of the application No. 81-904RR. The facility is located in \_\_\_\_\_

Sec. 1 & 2, T24N, R94W

\_\_\_\_\_ 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

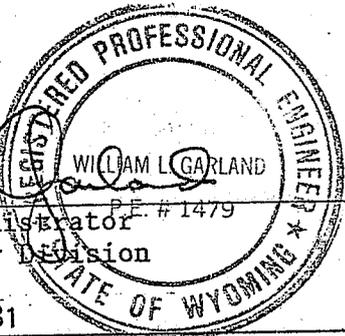
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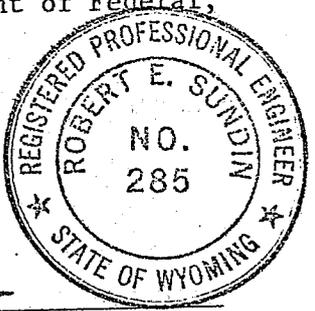
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AUTHORIZED BY:

  
*William L. Garland*  
WILLIAM L. GARLAND  
P.E. # 1479  
Administrator  
Water Quality Division  
December 18, 1981  
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.

FL:ch  
12/21/81

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: E. N. Q. PROJECT

ENGINEER: Robert Jack Smith & Associates  
P.O. Box 1104  
Rawlins, WY 82301  
ATTN: Rex A. Behrends

OWNER: Uion Energy Mining Division  
Box 1500  
Rawlins, WY 82301

WATER QUALITY DIVISION REFERENCE NUMBER: 81-904

REVIEWING ~~ENGINEER~~ EVALUATOR: Frank LaBarge *FL*

DATE OF REVIEW: December 11, 1981

ACTION: Not authorized.

COMMENTS: A review of your application has been completed. As we discussed over the phone, the following points need to be resolved before a "Permit to Construct" can be issued.

1. Will there be any garbage disposal or automatic laundry facilities at the site? If so, the absorption area needs to be increased by 20% and 40%, respectively.
2. A septic tank detail is needed. If you wish, you can use the enclosed Septic Tank Detail Sheet.
3. A typical foundation section is needed. Refer to the Septic Tank Detail Sheet for specifics. Please show the service lines from the buildings to the first cleanout.
4. A cleanout detail is needed.
5. The potable water lines serving the building need to be shown on the plans to verify separation distances are being met.
6. A note should be placed on the drawings stating that there will not be any wells located within 100 feet of the leach field.
7. The plans need to be signed by the engineer.

Please submit the required information and revised drawings, in triplicate, to this office. Upon receipt of a satisfactory reply, a "Permit to Construct" will be issued. If you have any questions, please call me.

FL:nb  
12/11/81

Enclosure

AC

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-905  
SEE CONDITIONS

BILL WYLIE No. 2  
(Name of Facility)

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

Bill Wylie

P.O. Box 576

Rock Springs, WY 82901

to construct, install, or modify a septic tank and drainfield facility according to the procedures and conditions of the application No. 81-905. The facility is located in Section 5, T18N, R105W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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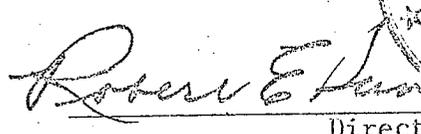
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AUTHORIZED BY:

  
WILLIAM E. GARLAND  
Administrator  
Water Quality Division  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING  
NO. 1479  
January 4, 1982  
Date of Issuance

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

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

AB/nc

Conditions to Permit to Construct

1. That the on-site facilities, authorized by this permit, are to be abandoned when a public sewage collection line serving the Rock Springs Area Regional Wastewater Treatment Plant becomes available. Connection to the public sewage collection line must be made at that time.
2. That the permittee will be responsible for contacting Al Emden, Sweetwater Co. Sanitarian (875-2611), to schedule an on-site construction inspection prior to backfilling the leach field and septic tank.

cc: Al Emden

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-906

D H ENTERPRISES  
(Name of Facility)

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

Brian Heath  
1831 Schoonover Street  
Gillette, Wyoming 82716

to construct, install, or modify a on-site sanitary waste disposal

facility according to the procedures and conditions of the application No. 81-906. The facility is located in Sec. 11, T.59N., R.72W.

in the County of Campbell,

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

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

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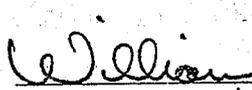
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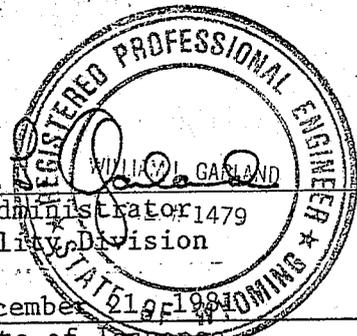
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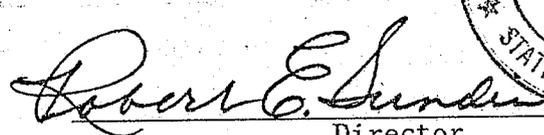
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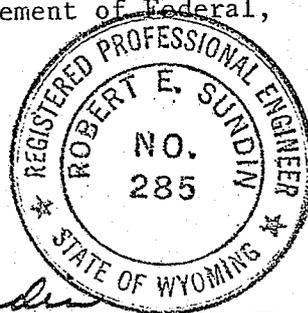
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM GARLAND  
Administrator #1479  
Water Quality Division  
December 19, 1981  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

xc: Mal Crawford  
Environmental Health Services  
P.O. Box 2848  
Gillette, Wyoming 82716

Wayne Haug  
4503 Radio Road  
Gillette, Wyoming 82716

12-30-81

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 81-907

North Platte Sanitary Sewer Extension to Robertson Road  
(Name of Facility)

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

Board of Public Utilities

200 N. David

Casper, WY 82601

to construct, install, or modify a 200 foot, 15 inch sewer extension and manhole along Robertson Road from North Platte River Sewer Extension lift station facility according to the procedures and conditions of the application No. 81-907. The facility is located in Sections 14 & 23, T33N, R80W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

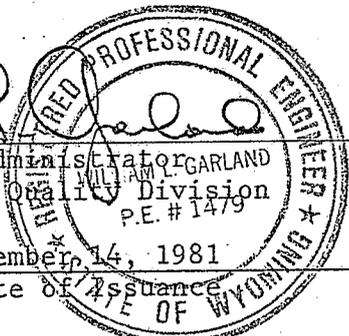
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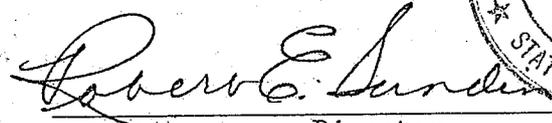
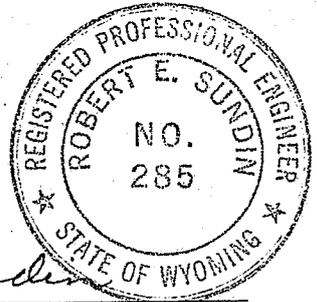
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AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator GARLAND  
Water Quality Division  
P.E. # 1479  
December 14, 1981  
Date of Issuance  


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


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

cc: Tom McDill  
The Engineers  
6405 Indian Scout Drive  
Casper, WY 82601



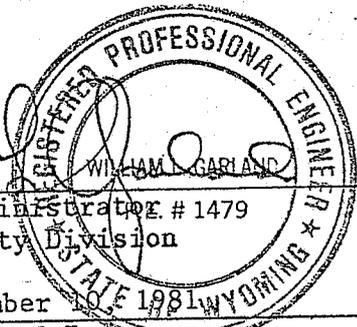
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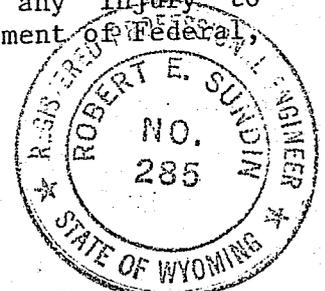
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Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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AUTHORIZED BY:

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top and "STATE OF WYOMING" around the bottom. In the center, it says "WILLIAM GARLAND" and "No. 1479".  
*William Garland*  
Administrator # 1479  
Water Quality Division  
December 10, 1981  
Date of Issuance

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top and "STATE OF WYOMING" around the bottom. In the center, it says "ROBERT E. SUNDIN" and "NO. 285".  
*Robert E. Sundin*  
Director  
Dept. of Environmental Quality

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

MRC:nb  
12/10/81



*Norma*

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 20, 1982

Mr. Bert Townsend  
PO Box 1733  
Cody, WY 82414

RE: Permit application No. 81-909R

Dear Mr. Townsend:

The Wyoming Department of Environmental Quality can't issue a "Permit to Construct" for the septic tank - leach field at the Townsend Warehouse since the facility has already been constructed. However, we can treat your application as "As Built" plans and grant approval of the system since it does meet this Department's minimum construction standards.

As a general reminder construction of a wastewater treatment facility without a "Permit to Construct" is a violation of Section 35-11-301, part 3, of the Wyoming Environmental Quality Act as amended. If this practice continues in the future, this office would be forced to recommend legal action be initiated against you.

Respectfully,

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

Jeff C. Hermansky  
Water Quality Engineer  
Northwest District

JCH:ch

cc: Jake Strohman, DEQ/WQD Cheyenne  
Tim Morrison, Park Co. Planner  
Roy R. Holm, P.E.  
File (4)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: TOWNSEND WAREHOUSE

ENGINEER: None retained.

OWNER: Bert Townsend  
P.O. Box 1733  
Cody, WY 82414

WATER QUALITY DIVISION REFERENCE NUMBER: 81-909

REVIEWING ENGINEER: Jeff Hermansky



DATE OF REVIEW: December 10, 1981

ACTION: Not authorized.

COMMENTS: All wastewater treatment facilities that serve anything other than a single family residence requires the permit application to be signed by a Professional Engineer registered in Wyoming. So, although you have done a good job in preparing your Application, the regulations require the Engineer's signature before a "Permit to Construct" can be issued.

If you have any questions, please feel free to contact either Robin Collins or myself.

JCH:nb  
12/10/81

AC



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

June 4, 1982

Mr. B. H. Balthrop  
Amoco Prod. Co.  
PO Box 1400  
Riverton, WY 82501

RE: Moxa Arch Plant Evaporative Pit, 81-910R

Dear Mr. Balthrop:

Since the proposed changes to the referenced evaporative pit are primarily cosmetic in nature, no formal change in the permit documents will be required. Your letter is being filed with the permit for future reference.

Respectfully,

*Albert J. Berreth*

Albert J. Berreth  
Area III Engineer

AJB:ch

cc: File (4)



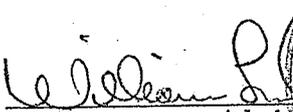
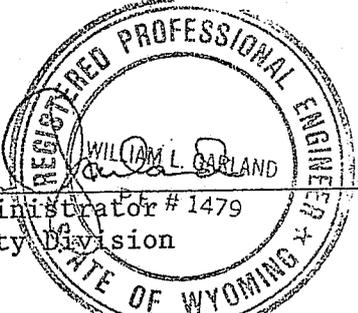
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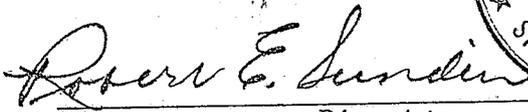
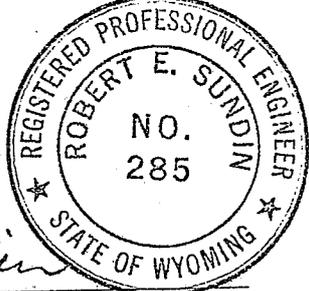
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The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal,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

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator # 1479  
Water Quality Division  
  
March 22, 1982  
Date of Issuance

  
Director  
Dept. of Environmental Quality  


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

**\*\*CONDITION OF PERMIT\*\***

Amoco Production Co., as an integral part of this permit, will monitor the evaporation pond periodically for leaks and upon the finding of any leaks immediately notify DEQ/WQD as outlined in Chapter IV of the Wyoming Water Quality Rules and Regulations. Emergency action taken to control leaks must be immediate and be authorized by DEQ/WQD.

AJB:ch

Water Quality Division  
Groundwater Section  
Permit Application Review

*Norma*  
*Returned to*  
*sender*

Application Number

81-910

Date submitted for review

1-8-82

Name and location of facility

MOYA ARCH PROCESSING PLANT

Sec 29, T 19N R 112

LINCOLN COUNTY WY.

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

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

Signed

Richard J. Lennano

Title

Eng Eval

Date

1-11-82

1. Based on the close proximity of the Black Fork and Muddy Creek intersection, what protection will be provided should a leak occur in the pond liner at some point in the future. I understand that the exfiltration test can determine a leak at time of installation; however, there is no indication of any further testing or monitoring once the pond goes into full use. Should a major leak occur the proximity of bedrock indicated by the Dames and Moore Soils Report will probably prohibit vertical seepage, but what about the potential horizontal migration to the Black Fork or Muddy Creek drainage?
  
2. Would be nice to have some data concerning the quality of waste going into evaporation pit.

*they*

REVIEW OF PLANS AND SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: MOXA ARCH EVAPORATIVE PIT

ENGINEER: Tudor Engineering Co.  
450 S. Federal Blvd.  
Riverton, WY 82501  
Att: Don L. Armstrong

OWNER: Amoco Production Co.  
PO Box 1400  
Riverton, WY 82501

WATER QUALITY DIVISION REFERENCE NUMBER: 81-910

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: January 18, 1982

ACTION: Not authorized.

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

1. In the calculations for sizing this pit a net evaporation of 41 inches was used. Resources available to me indicate the net evaporation to be 39-40 inches. If 39 is correct, the pond is too small. Please address this.
2. Is erosion control provided at the pipe inlet? Please explain.
3. Groundwaters comments are attached. Both comments need to be addressed.

AB:ch  
1/19

cc: Dick Lennox  
Cheyenne DEQ/WQD  
File (4)



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

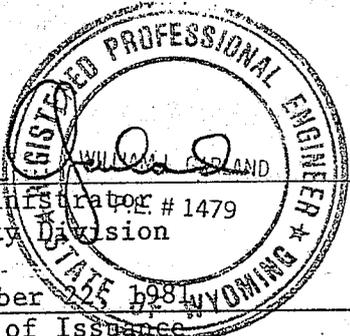
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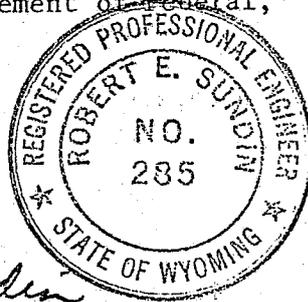
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AUTHORIZED BY:

\_\_\_\_\_  
Administrator # 1479  
Water Quality Division  
December 25, 1981  
Date of Issuance



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



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

xc: Wayne R. Haug  
4503 Radio Road  
Gillette, Wyoming 82716

Mal Crawford  
Environmental Health Services  
P.O. Box 2848  
Gillette, Wyoming 82716



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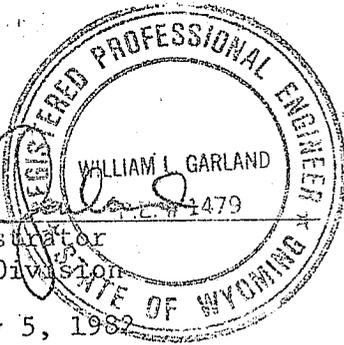
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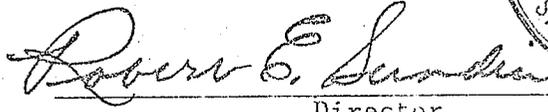
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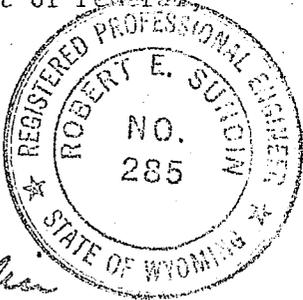
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AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
January 5, 1982  
\_\_\_\_\_  
Date of Issuance



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



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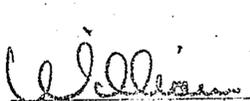
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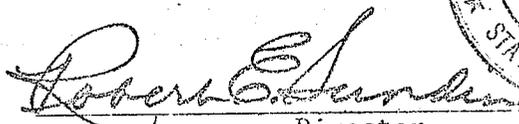
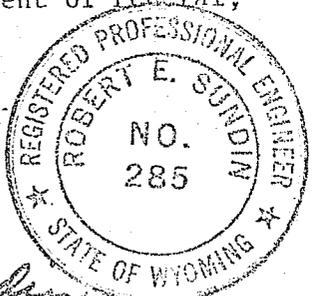
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AUTHORIZED BY:

  
  
Administrator #1479  
Water Quality Division  
January 8, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

xc: Ralph Roack  
Campbell County Engineer's Office  
505 Warren  
Gillette, WY 82716



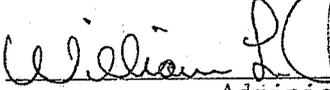
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AUTHORIZED BY:

  
WILLIAM L. GARLAND  
No. 1479  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING

Administrator  
Water Quality Division

February 23, 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.

NORMA

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
2161 Coffeen Ave., Suite 301  
Sheridan, Wyoming 82801

PROJECT: Sheridan Enterprises, Inc.  
Sedimentation Pond L0

ARCHITECT OR ENGINEER: Fernand A. Barata  
Sheridan Enterprises, Inc.  
P.O. Box 6025  
Sheridan, Wyoming 82801

WATER QUALITY DIVISION  
REFERENCE NUMBER: 81-914

REVIEWING ENGINEER: Tom Mueller *TJM*

DATE OF REVIEW: January 6, 1981

ACTION: Not Authorized for Construction. See Comments

COMMENTS:

1. Although the engineering design states that sediment storage capacity will be for the life of the facility, this life is nowhere indicated.
2. No application appears to be included for the topsoil reservoir. A Permit to Construct is also needed for this facility. An application, runoff calculations, and sediment storage calculations should be provided. Is overflow from this facility intended to enter Pond L0?



Norma

Water Quality Division  
Groundwater Section  
Permit Application Review

Application Number 81-914

NPDES WY-0027863

Date submitted for review Dec 10 1981

Name and location of facility Welch No. 1 - Loadout Facility,  
Sheridan County, Wyoming

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

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

Signed Phil Pucal  
 Title Water Quality Engineering Evaluator  
 Date 12-21-81

returned  
plans  
12-22-81



*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

MEMORANDUM

TO: Tony Manicini  
FROM: Phil Pucel *PP*  
DATE: December 21, 1981  
SUBJECT: Welch Loadout Facility, Sheridan Co., #81-914, NPDES Wy-0027863

No groundwater information is submitted with the application for this facility which will be situated on the alluvium of the Tongue River. The only concern focuses on leachate contaminants which could readily enter shallow groundwater. However, discussions with John Wagner reveal that there would be no toxic leachate components.

PP/nc



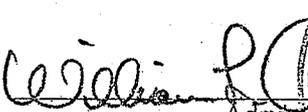
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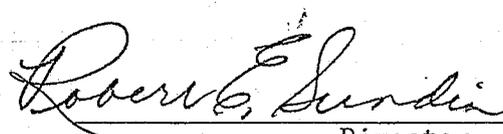
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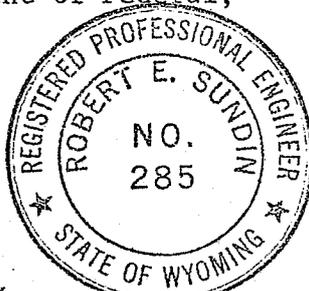
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AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator, # 1479  
Water Quality Division  
April 14, 1982  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

#### CONDITIONS

1. The leak detection system for the reservoirs authorized by this Permit is to be monitored, when there is liquid in the reservoirs, at a minimum two-week interval. The detection of any liquid within the leak detection system shall be reported to the Water Quality Division within forty-eight (48) hours, and the results of all analyses of such liquids, required by Land Quality Division regulations, licenses or permits, shall be reported to the Division in writing as soon as they are available.
2. All construction and materials shall be as approved in the original Permit to Construct No. 80-567, dated December 11, 1980.



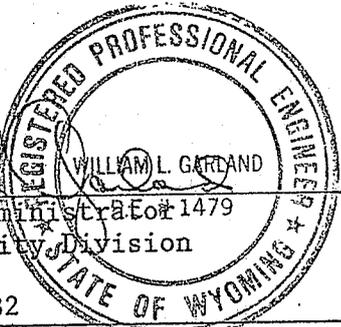
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

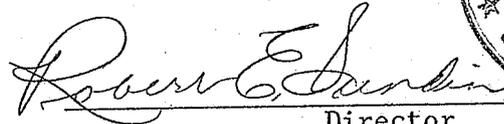
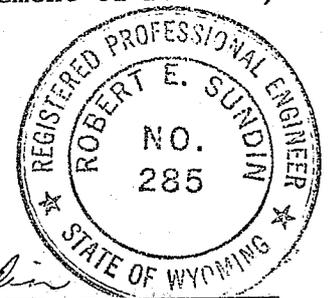
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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. GARDAND  
Administrator #1479  
Water Quality Division  
March 19, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

FL:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
933 MAIN STREET,  
LANDER, WYOMING 82520

PROJECT: Jim Bridger Mine Holding Ponds A through H

OWNER: Bridger Coal Co. (ATTN: John Larson)  
111 SW Columbia, Suite 800; Portland, OR 97204

ARCHITECT OR ENGINEER: NERCO, Inc. (ATTN: O. L. Bostic)  
111 SW Columbia, Suite 800  
Portland, OR 97204

WATER QUALITY DIVISION REFERENCE NUMBER: 81-916

Copy to:  
NERCO, Inc.  
PO Box 4000  
Sheridan, WY 82801  
ATTN: Jim Kandolin

REVIEWING ~~ENGINEER~~: EVALUATOR: Frank LaBarge *FL*

DATE OF REVIEW: January 6, 1982

ACTION: NOT AUTHORIZED

COMMENTS: A review of your application has been completed. Before a Permit to Construct can be approved, the following points need to be resolved.

- 1.) A typical inlet detail is needed which shows the inlet pipe, riprap and location relative to the dike banks.
- 2.) Gate valve specifications are needed as well as a typical outlet structure detail.
- 3.) Anti-seep collar material specifications are needed as well as a seal detail.
- 4.) The diversion ditches around the various ponds should be dimensioned. Verification is needed the diversion ditches can handle the anticipated runoff volumes.
- 5.) Conduit spillway installation and material specifications are needed.
- 6.) ~~The mitigation plan presented in the application states pond modifications~~ may be made if impacts to groundwater quality from pond seepage are detected. Please be advised that a permit modification would have to be obtained from this office before any modifications are made to the ponds. In the case of a clay liner installation a permit modification application should contain:
  - revised drawings showing the liner for each pond (x - section and plan views)
  - a lab analysis showing the required liner thickness, density and moisture content
  - a liner installation specification
  - the source of the liner material should be clearly identified

This list is not intended to be complete. This office should be contacted for further information if there are any questions.

A.C.

Review of Plans and Specifications  
Jim Bridger Mine Holding Ponds A through H  
81-916  
January 6, 1982  
Page Two

Please submit the required information to this office. Four copies of your reply are needed. If you have any questions, please call me.

FL/db  
1/8/82



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.

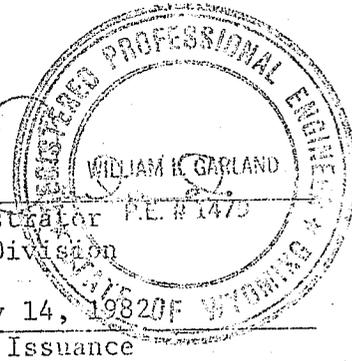
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

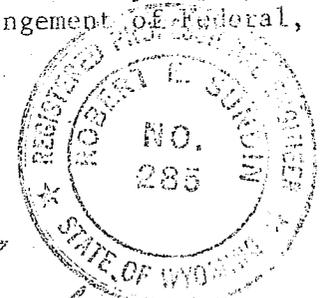
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM K. GARLAND  
Administrator P.E. # 1475  
Water Quality Division  
January 14, 1982  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

xc: Ralph Roack



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

2161 COFFEEN AVENUE,  
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

November 21, 1983

Ed and Susan Godsell  
P.O. Box 4066  
Rapid City, South Dakota 57709

WQD Reference No. 81-918R

Dear Mr. and Mrs. Godsell:

Enclosed are approved drawings for your mobile home park septic system near Newcastle, Wyoming. Thank you for finally forwarding all necessary information. No Permit to Construct will be issued since portions of the water and sewage systems are already in place, but the construction appears to meet our minimum requirements and you may consider the systems approved.

Please call me if you have any questions.

Yours truly,

*Tom Mueller*

Tom Mueller  
District Supervisor

TM:ls

Enclosures

xc: Plains Engineering, Newcastle  
Jerry Olsen, State Health Department  
Norma Coulson, Water Quality Division



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

September 7, 1982

Mr. J. T. Fletcher  
Plains Engineering  
P.O. Box 727  
Newcastle, Wyoming 82701

Dear Mr. Fletcher:

Our records indicate the application for a permit to construct the water supply system and wastewater treatment facilities for the Ed Godsell Trailer Court, DEQ Reference Number 81-918, has not been resubmitted to this office. Please indicate below the status of the application.

\_\_\_\_\_ The application will not be resubmitted. The application is to be removed from DEQ files.

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

\_\_\_\_\_ The facility has been constructed, or is under construction.

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

If this letter is not returned within 30 days, the application will be removed from our files.

Sincerely,

Lea Stoneburner  
Administrative Assistant

ls

Attachment: Review of plans dated January 21, 1982

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

REVIEW OF PLANS AND SPECIFICATIONS

NORMA

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
2161 Coffeen Ave., Suite 301  
Sheridan, Wyoming 82801

PROJECT: Ed Godsell Trailer Court  
Route 3, Box 11  
Newcastle, Wyoming 82701

ARCHITECT OR ENGINEER: Plains Engineering  
P.O. Box 727  
Newcastle, Wyoming 82701

WATER QUALITY DIVISION  
REFERENCE NUMBER:

81-918

REVIEWING ENGINEER:

Tom Mueller



DATE OF REVIEW:

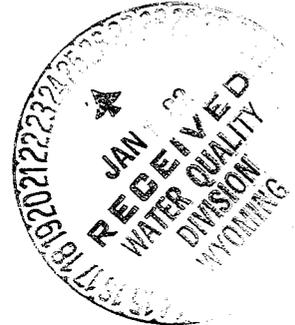
January 21, 1982

ACTION:

Not Authorized for Construction. See Comments.

COMMENTS:

1. The plans indicate that most of the work has already been done. This is a violation of State law, but no legal action will be instituted at this time, provided that the following items are addressed.
  - a) The material used in the 1½-inch water main must be indicated;
  - b) Certification of hydrostatic testing of the water main must be provided;
  - c) Certification of disinfection of the water main must be provided;
  - d) Curved sewer lines do not meet minimum design requirements; this agency will waive any requirement to dig up and relay the sewer line, with a manhole, provided the owner certifies that sewer cleaning equipment capable of handling this sewer is available to him.
2. A detail drawing of the septic tank is required.
3. When a Permit to Construct is issued, it will apply only to the disposal field. If the other items are to be approved, it will be done by letter only since they have already been constructed.



12-30-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-919  
SEE SPECIAL CONDITION

Platte Rod and Pipe Company  
(Name of Facility)

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

Platte Rod and Pipe Company

6798 West Zero Road

Casper, WY 82601

to construct, install, or modify a subsurface wastewater disposal systems facility according to the procedures and conditions of the application No. 81-919. The facility is located in Section 2, 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.

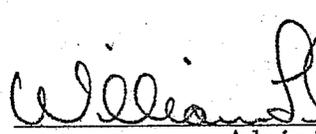
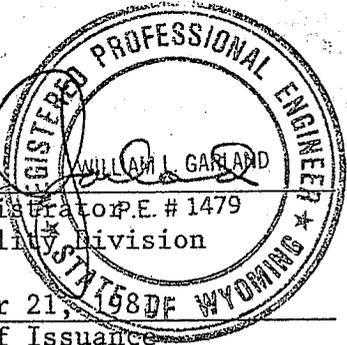
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

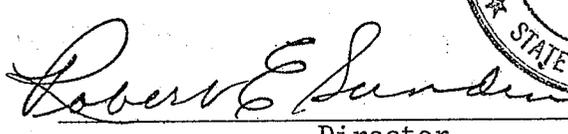
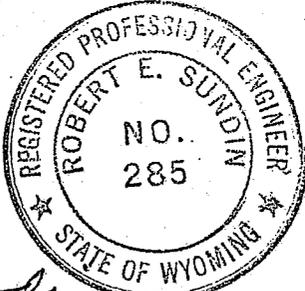
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 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 P.E. # 1479  
Water Quality Division  
December 21, 1980  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

cc: Gray C. Wangelin  
E.I.T.S.  
P.O. Box 4075  
Casper, WY 82604

Conditions to Permit to Construct

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 Casper Urban Water Quality Management Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Casper Urban Water Quality Management Plan and the Final 201 Facility Plan.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-920R  
SEE SPECIAL CONDITION

Well Servicing Equipment & Supply  
(Name of Facility)

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

Well Servicing Equipment & Supply

P.O. Box 2008

Casper, WY 82602

to construct, install, or modify a commercial subsurface disposal facility according to the procedures and conditions of the application No. 81-920R. The facility is located in Lot 15, WLW Ranch Acres, Section 29, T34N, 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.

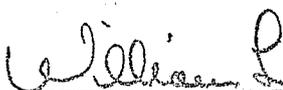
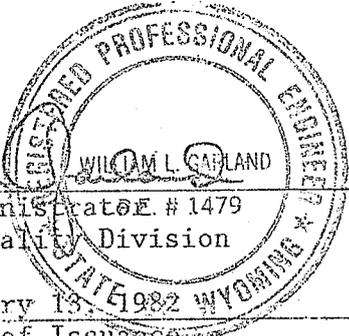
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

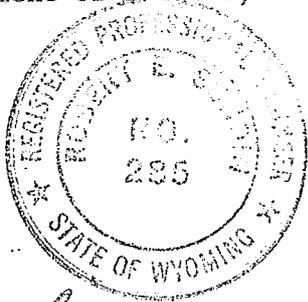
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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AUTHORIZED BY:

  
  
Administrator # 1479  
Water Quality Division  
January 19, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

cc: Gray C. Wangelin  
E.I.T.S.  
P.O. Box 4075  
Casper, WY 82604

Conditions to Permit to Construct

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 Casper Urban Water Quality Management Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Casper Urban Water Quality Management Plan and the Final 201 Facility Plan.

Review of Plans and Specifications

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

PROJECT: Well Servicing Equipment & Supply, Natrona Co.

ARCHITECT OR ENGINEER: Gray C. Wangelin, E.I.T.S.  
P.O. Box 4075, Casper, WY 82604

APPLICANT: Well Servicing Equipment & Supply  
P.O. Box 2008, Casper, WY 82602

WATER QUALITY DIVISION REFERENCE NUMBER: 81-920

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

DATE OF REVIEW: December 21, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Current technology states that a septic bed system with a percolation rate of 15 minutes per inch should be loaded at a maximum of 0.5 gallons per square foot. The proposed sewage system is undersized for the estimated flow of 1000 gpd.

TSN/nc

12-30-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-921  
SEE SPECIAL CONDITION

Raley Welding, Inc.  
(Name of Facility)

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

Mr. Joe Raley

9688 West Zero Road

Casper, WY 82601

to construct, install, or modify a commercial subsurface wastewater disposal facility according to the procedures and conditions of the application No. 81-921. The facility is located in Block 12, Yellowstone Addition, Section 35, T34N, 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.

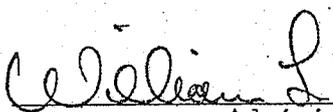
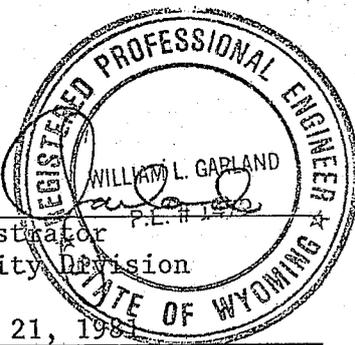
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

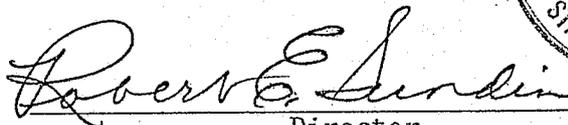
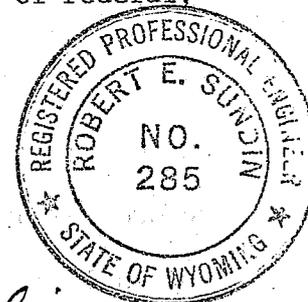
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 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  
P.E. # 1522  
Administrator  
Water Quality Division  


  
Director  
Dept. of Environmental Quality  


December 21, 1981  
Date of Issuance

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

cc: Gray C. Wangelin  
E.I.T.S.  
P.O. Box 4075  
Casper, WY 82604

Conditions to Permit to Construct

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 Casper Urban Water Quality Management Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Casper Urban Water Quality Management Plan and the Final 201 Facility Plan.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-922R  
SEE SPECIAL CONDITION

Totran  
(Name of Facility)

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

Totran  
P.O. Box 217  
Mills, WY 82644

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-922R. The facility is located in Section 4, T34N, 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.

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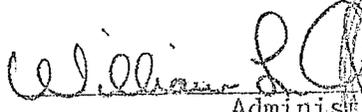
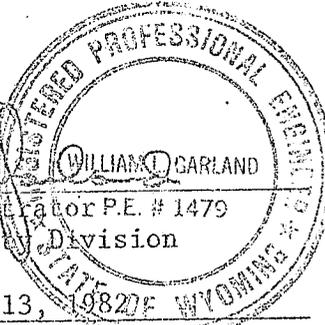
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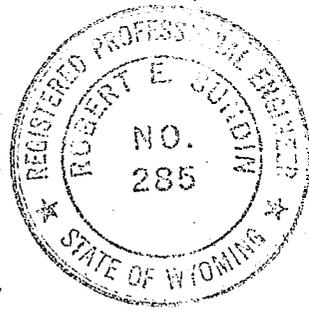
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

AUTHORIZED BY:

  
WILLIAM D. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
January 13, 1982  
Date of Issuance  


  
Robert E. Serndier  
Director  
Dept. of Environmental Quality  


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

cc: Gray C. Wangelin  
E.I.T.S.  
P.O. Box 4075  
Casper, WY 82604

#### Conditions to Permit to Construct

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 Casper Urban Water Quality Management Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Casper Urban Water Quality Management Plan and the Final 201 Facility Plan.

12-22-81

Review of Plans and Specifications

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

PROJECT: Totran, Natrona Co.

ARCHITECT OR ENGINEER: Gray C. Wangelin  
P.O. Box 4075, Casper, WY 82604

APPLICANT: Totran, Attn: Mr. Hugh Howell  
P.O. Box 217, Mills, WY 82644

WATER QUALITY DIVISION REFERENCE NUMBER: 81-922

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

DATE OF REVIEW: December 21, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Where will the waste from the "oil holding tank" be taken? A signed agreement for acceptance of the waste must be obtained from the persons operating the disposal facility.
2. Who will pump out the tank? An agreement with a hauler should be made to insure the tank is pumped regularly.
3. A high water alarm must be provided.
4. What volume of waste is generated daily? How large is the holding tank?

TDC/nc

12-30-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-923  
Ref.No. 78-699

Topaz Addition to Town of Mills  
(Name of Facility)

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

Topaz Development  
1300 Glenaire Dr.  
Casper, WY 82601

to construct, install, or modify a municipal wastewater collection system in Fulton Street facility according to the procedures and conditions of the application No. 81-923. The facility is located in Section 12, 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.

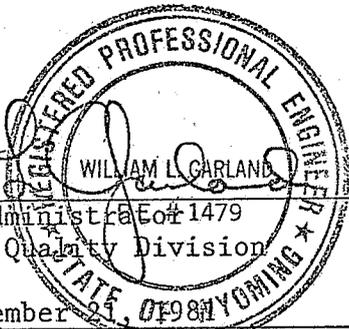
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

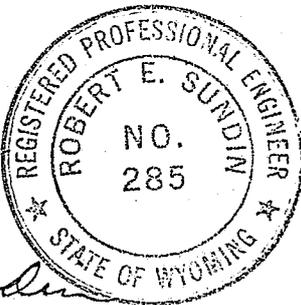
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

  
*William L. Garland*  
WILLIAM L. GARLAND  
Administrative #1479  
Water Quality Division  
STATE OF WYOMING  
December 21, 1981  
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: Duane Fehringer  
Western Engineers  
501 N. Sun Dr.  
Casper, WY 82601

12-30-81

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 81-924  
SEE SPECIAL CONDITION

Water System Improvements - Wardwell Water & Sewer District  
(Name of Facility)

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

Wardwell Water & Sewer District

7185 Salt Creek Hwy.

Casper, WY 82601

to construct, install, or modify a potable water distribution system facility according to the procedures and conditions of the application No. 81-924. The facility is located in Section 6, 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.

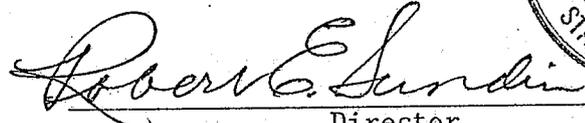
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

  
WILLIAM I. GARLAND  
P.E. #1479  
Administrator  
Water Quality Division  
STATE OF WYOMING  
December 21, 1981  
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.

cc: Duane Fehringer  
Western Engineers  
501 N. Sun Dr.  
Casper, WY 82601

Condition to Permit to Construct

A minimum separation of ten (10) feet shall be provided between the proposed storm sewer and the water main.



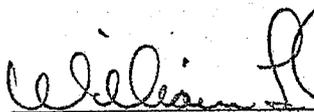
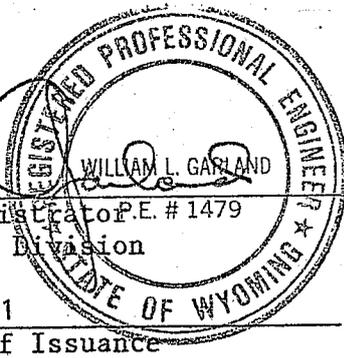
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

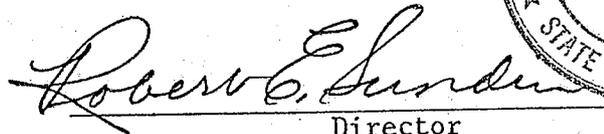
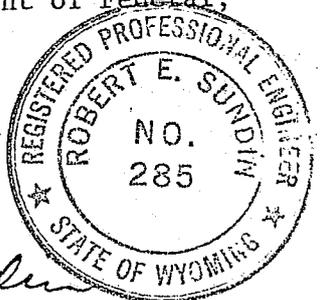
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 P.E. # 1479  
Water Quality Division  
December 16, 1981  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

RR:ch  
12/17

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 30, 1982

Ed Jurykovsky  
Hamilton Brothers Oil Co.  
1600 Broadway  
Denver, CO 80202



Dear Mr. Jurykovsky:

This letter is to inform you that we have received your letter dated July 13, 1982, concerning the well site location Sec. 18, T17N, R116W.

It will be noted in your file that construction on the sewage collection project was never started and that you wish to cancel the "Permit to Construct" #81-926R. Thank you for your consideration, and if you have any questions please contact me.

Sincerely,

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

Jack Bedessem  
Water Quality Evaluator  
Southwest District

JB:dp

cc: Cheyenne DEQ/WQD  
File (2)



HAMILTON BROTHERS OIL COMPANY

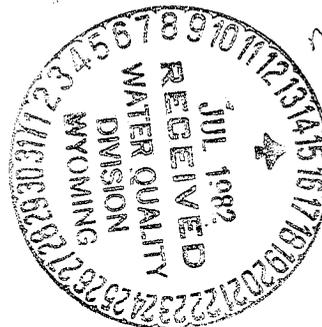
1600 BROADWAY

DENVER, COLORADO 80202

303-861-2456

TELEX  
45-881

TELECOPIER  
303-839-1024



July 13, 1982

Department of Environmental Quality  
Water Quality Division  
210 Lincoln  
Lander, Wyoming 82520

Gentlemen:

This will confirm that our well site, location in Section 18,  
T17N, R116W, Uinta County of Wyoming has been cancelled.

Construction on Permit #81-926 to construct a sewage collection  
system was not started and we would like to cancel same.

Sincerely,

Ed Jurykovsky  
Drilling Superintendent

EJ/pf

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-926R

Hamilton Brothers Federal 1-18  
(Name of Facility)

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

Hamilton Brothers Oil Company  
Colorado State Bank Bldg.  
Denver, CO 80202

to construct, install, or modify a sewage collection system and septic tank - leach field facility to serve the camp and a separate sewage collection system and septic tank leach field facility to serve the pad location facility according to the procedures and conditions of the

application No. 81-926R. The facility is located in \_\_\_\_\_

Sec. 18, T17N, R116W

\_\_\_\_\_ 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.

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

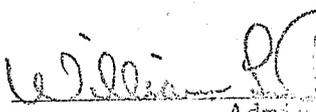
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

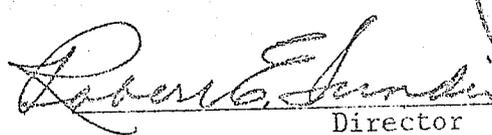
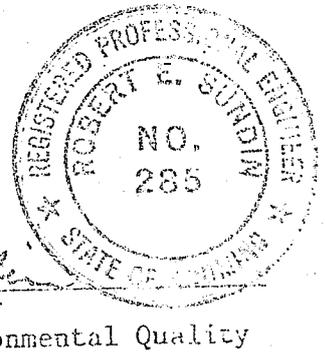
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 D. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
  
January 18, 1982  
Date of Issuance

  
Director  
Dept. of Environmental Quality  


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

FL:ch  
1/19

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN  
LANDER, WYOMING 82520

PROJECT: Hamilton Brothers Federal 1-18

OWNER: Hamilton Brothers Oil Co.  
Colorado State Bank Bldg., Denver, CO 80202

ARCHITECT OR ENGINEER: Rio Verde Engineering  
PO Box 67  
Pinedale, WY 82941 ATTN: Phillip Essington

WATER QUALITY DIVISION REFERENCE NUMBER: 81-926

REVIEWING ~~ENGINEER~~ Evaluator: Frank LaBarge *FL*

DATE OF REVIEW: January 5, 1982

ACTION: NOT AUTHORIZED

COMMENTS: A review of your application has been completed. Before a Permit to Construct can be approved, the following points need to be resolved.

- 1.) Enclosed are two Check List Sheets. They should be completed and submitted for each disposal facility. For your information the absorption areas need to be increased by 20 percent if garbage grinders are to be used and by an additional 40 percent if laundry facilities will be used. If both are to be used, the absorption area should be increased by 60 percent over the calculated value. If neither of these facilities are to be used, the absorption areas presented in the application are adequate.
- 2.) It is stated there will be no water well on site and that all units will be self contained. Does this mean there will not be any waterlines or water-risers required? If there is to be any waterlines, they must be shown on the plans and include a water riser detail.
- 3.) The Camp disposal field shown on the Plan Sheet does not agree with the disposal field shown on the disposal field detail sheet. These should agree.
- 4.) Verification is needed that the disposal fields will be at least 10 feet from the Camp and Location site boundaries as well as at least fifteen feet from any slope breaks.
- 5.) The septic tanks should be protected from excessive loads such as trucks driving over them. The leachfields should not be in an area where they will be driven over. Please confirm these two points.

ABC

Review of Plans and Specifications  
Hamilton Brothers Federal 1-18  
81-926  
January 5, 1982  
Page Two

- 6.) The waste disposal facilities should be removed and the area reclaimed when the drilling project is completed. This needs to be confirmed.

Please submit the required information and revised plans, in triplicate, to this office. Upon receipt of a satisfactory reply, a Permit to Construct will be approved. If you have any questions, please call me.

FL/db  
Enclosure

12-30-81

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 81-927  
Ref.No. 81-169

Laramie Wastewater Treatment Facility  
(Name of Facility)

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

City of Laramie

P.O. Box C

Laramie, WY 82070

to construct, install, or modify a wastewater stabilization lagoon facility according to the procedures and conditions of the application No. 81-927. The facility is located in Sections 20 & 29, T16N, R73W in the County of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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.

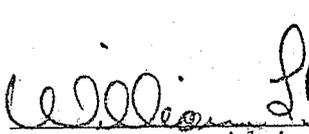
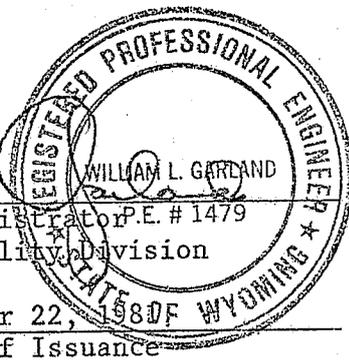
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

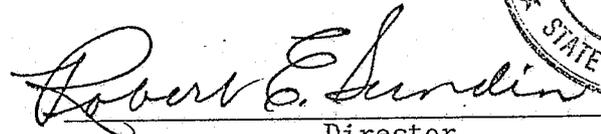
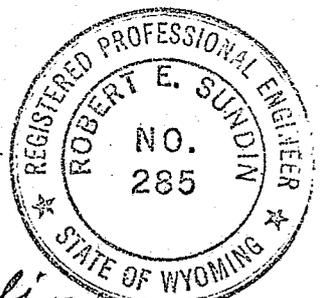
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 P.E. # 1479  
Water Quality Division  
December 22, 1987  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

cc: Gordon W. Bruchner  
ARIX  
760 Horizon Drive  
Grand Junction, CO 81501

3-5-82



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 3, 1982

Terry Titus  
Worthington, Lenhart, Carpenter & Johnson, Inc.  
632 So. David  
Casper, WY 82601

RE: National Supply Co., DEQ/WQD Permit No. 81-928R

Dear Mr. Titus:

Your request for changing the pump system to the Myer's submersible pump system is approved for the National Supply Co. project, permit number 81-928R. This is in accordance with Section 7, Chapter III of the Wyoming Water Quality Rules and Regulations.

Sincerely yours,

Thomas S. Norman  
Water Quality Engineer

TSN/nc

2-17-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-928R  
SEE SPECIAL CONDITION

National Supply Co. - Casper Machinery Center  
(Name of Facility)

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

ARMCO N.C.O.

P.O. Box 2101

Mills, WY 82644

to construct, install, or modify a commercial subsurface disposal facility according to the procedures and conditions of the application No. 81-928R. The facility is located in N 1/2 NE 1/4, Section 29, T34N, 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.

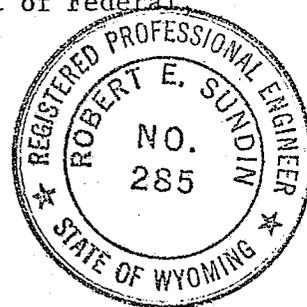
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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AUTHORIZED BY:

  
WILLIAM L. GARLAND  
PE # 1479  
Administrator  
Water Quality Division  
STATE OF WYOMING  
February 2, 1982  
Date of Issuance

  
Director  
Dept. of Environmental Quality



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

cc: Terry L. Titus  
Worthington, Lenhart, Carpenter & Johnson Inc.  
632 So. David  
Casper, WY 82601

Conditions to Permit to Construct

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 Casper Urban Water Quality Management Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Casper Urban Water Quality Management Plan and the Final 201 Facility Plan.

M  
1-6-82

Review of Plans and Specifications

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

PROJECT: National Supply Co., Natrona Co.

ARCHITECT OR ENGINEER: Terry L. Titus, Worthington, Lenhart, Carpenter & Johnson  
632 So. David, Casper, WY 82601

APPLICANT: ARMCO N.C.O.  
P.O. Box 2101, Mills, WY 82644

WATER QUALITY DIVISION REFERENCE NUMBER: 81-928

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

DATE OF REVIEW: January 5, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

These items were discussed per your telephone call on December 21, 1981:

1. The application rate is too high for this type of soil. A 0.5 gallon per square foot is recommended for bed systems with a percolation rate of 15 minutes per inch. This is based on current technology.
2. Duplicate pumps that alternate are required for the wet well.
3. What is the total dynamic head for the pumps and how was it calculated? What is the suction capabilities of the pumps? Pump curves must be submitted. Be sure to correct for Casper's elevation.
4. A high level alarm is required for the wet well.
5. It is recommended that both inlet and outlet devices for each compartment be accessible for inspection and cleaning.

The following items were not discussed:

1. The soils profiles indicate that the site is inadequate as proposed. Profile holes No. 3 & 4 (nearest holes to proposed bed) show 6.5 and 3.5 feet to bedrock, respectively. With a three foot deep bed, the separation is inadequate. A groundwater mounding model was performed which suggests that even a four foot separation between bed and bedrock is inadequate.
2. The seasonal high groundwater level was not identified.

TSN/nc

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-929R

Guernsey Wastewater Treatment Facility  
 (Name of Facility)

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

Town of Guernsey

P.O. Box 667

Guernsey, WY 82214

to construct, install, or modify a municipal aerated wastewater stabilization pond facility according to the procedures and conditions of the application No. 81-929R. The facility is located in Section 2, T26N, R66W in the County of Platte, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

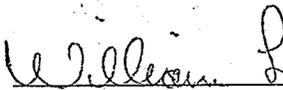
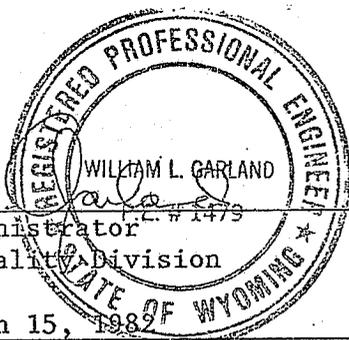
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

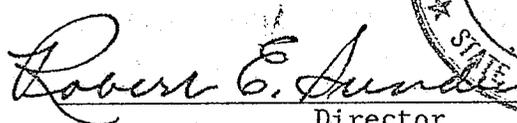
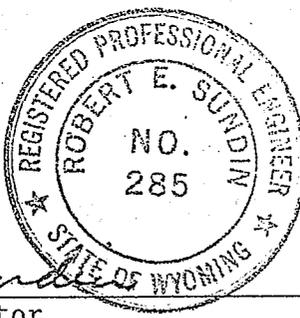
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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  
Water Quality Division  
March 15, 1987  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

cc: Dick Prosser  
Buell, Winter, Mousel & Assoc.  
145 S. Durbin, Suite 102  
Casper, WY 82601

Review of Plans and Specifications

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

PROJECT: Guernsey Wastewater Treatment Facilities, Platte Co.

ARCHITECT OR ENGINEER: Dick Prosser, Buell, Winter, Mousel & Assoc.  
145 S. Durbin, Suite 102, Casper, WY. 82601

APPLICANT: Town of Guernsey  
P.O. Box 667, Guernsey, WY 82214

WATER QUALITY DIVISION REFERENCE NUMBER: 81-929, EPA C560133

REVIEWING ENGINEER: *Tom Conrardy*, *LeRoy Feusner*, P.E.

DATE OF REVIEW: January 13, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Plans and specifications must carry the seal or signature of the design engineer who is licensed in the State of Wyoming.
2. Provide design calculations for aeration and polishing ponds. How will proposed treatment system normally function, i.e., flow pattern, aeration system operation, etc.?
3. Provide design calculation for aeration system. Indicate what O&M program will be required for proposed aeration equipment. Why is a duplication header for the aeration system proposed for Pond #2? Personnel in this division have had experience with O&M problems associated with proposed aeration header/dispersement lines in the ponds. Request O&M recommendations to ensure constant operation.
4. What auxiliary power is available for periods when commercial power is out?
5. Will the existing sewer line indicated on the drawings be plugged or removed?
6. Why is there a proposed discharge from aeration pond #2?
7. Will three feet of cover over proposed CIP provide adequate protection from vehicular traffic and freezing?
8. Indicate bench mark on plans.
9. Will a source of heat be provided for the HCl facility?
10. Rip rap of entire polishing pond banks is recommended (Page 8 of Soils Report).
11. Since the proposed lagoon lies in the North Platte River flood plain, how will system be protected from 100 year flood?

12. There is no indication of groundwater level in relation to the bottom of the proposed lagoon sites. Please provide depth to groundwater.
13. Provide groundwater quality data to determine classification IAW Chapter VIII.
14. Provide locations of any existing water wells within a 1/4 mile of the lagoon sites.
15. Appendix G, page 5/6, specifications. Why are there two different compaction specifications for this report? What does a negative compaction figure mean?
16. If groundwater dewatering operations are required, the applicant must contact the Water Quality Division prior to discharging groundwater to other waters of the State.
17. Concrete bank protection slabs have been proposed. What protection will be provided to the bottom toe of the dike bank where wastewater will enter lagoon (Page 5 of Plans)?
18. What kind of flow measurement device will be used in the gauging structure to measure and record flowrates?
19. What kind of flow measurement will be provided at the final effluent pipe to indicate, totalize and record flowrates?
20. Why couldn't shear gates be used in the splitter box? Operator access and safety should be considered.
21. Will the 45 bend in the sewer line ahead of the gauging structure create too much turbulence for the measuring portion of the Parshall flume? How about the exiting portion of the flume?
22. The latest wage determination should be included.
23. There are several inconsistencies in the specifications dealing with payment bond and performance bond (IB-2, page 16, and NC-2). A 100% must be specified for each of payment bond and performance bond.
24. A notice to labor unions should be included.
25. A MBE percentage goal should be listed in the specifications. This goal is .5 to 1% for Guernsey.
26. The Bid is to be open for 60 calendar days.
27. The exact location of a benchmark for horizontal and vertical baselines must be specified.
28. Section 01600, page 12, 2.0.1, contains an unacceptable clause limiting equipment selection to a list of acceptable manufacturers.
29. Ten State Standards specifies rip rap be placed one foot above the high water mark and two feet below the low water work.

30. ASTM designation for air testing of pipe should be provided.
31. No provision for an enclosure for the HCL gas cleaning equipment is listed in Section 13010.
32. Inspection and inspection reports will be necessary whether by engineer, his representative, or if available, qualified city personnel.
33. The EPA project number should be included on the cover page of the plans (C560133).

LCF/TC/nc

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-930R

2nd Street Water Main Extension  
(Name of Facility)

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

Casper Board of Public Utilities

200 N. David

Casper, WY 82601

to construct, install, or modify a 12-inch water main facility according to the procedures and conditions of the application No. 81-930R. The facility is located in 2nd Street, East of Curtis, Section 12, 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 301, Sheridan, Wyoming 82801; telephone, 672-6457.

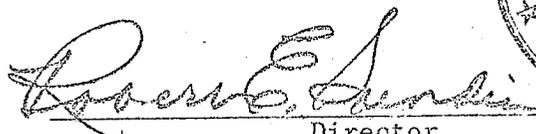
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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  
REGISTERED PROFESSIONAL ENGINEER  
NO. 1479  
STATE OF WYOMING  
Administrator  
Water Quality Division

January 13, 1982  
Date of Issuance

  
ROBERT E. SURTAIN  
REGISTERED PROFESSIONAL ENGINEER  
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: David W. Hill  
Board of Public Utilities  
200 N. David  
Casper, WY 82601

3-11-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-931R  
SEE SPECIAL CONDITIONS

Seminole No. 2 Mine  
(Name of Facility)

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

Arch Mineral Corporation

P.O. Box 490

Hanna, WY 82327

to construct, install, or modify an areawide sedimentation control plan facility according to the procedures and conditions of the application No. 81-931R. The facility is located in Sec. 4-9, 17, T22N, R81W, Sec. 1, 12, 13, T22N, R82W, Sec. 7, 8, 17-20, 29-33, T23N, R81W, Sec. 12, 13, T23N, R82W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

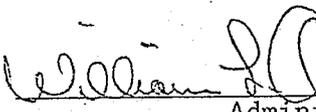
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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  
#1479  
Administrator  
Water Quality Division  
STATE OF WYOMING  
REGISTERED PROFESSIONAL ENGINEER

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

Director  
Dept. of Environmental Quality

March 5, 1982  
Date of Issuance

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

cc: Robert W. Shanks  
Arch Mineral Corporation  
500 North Broadway  
St. Louis, Missouri 63102

John Erickson, DEQ/LQD, Lander  
Rich DiMambro, DEQ/LQD, Cheyenne

Conditions to Permit to Construct

1. Sediment Control facilities for topsoil stockpiles shall be completed within 15 days after the need arises, all other control structures shall be constructed before the lands are affected.
2. Within 30 days following completion of construction of an individual facility, the permittee shall furnish the Water Quality Division with the following: (a) the exact size, location and capacity of the facility, amount of disturbed area and other information used to size the facility, and (b) certification that the facility was constructed to meet the approved design requirements and sizing criteria.

11  
1-6-82

Review of Plans and Specifications

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

PROJECT: Seminole Mine No. II Runoff Control Plan, Carbon Co.

ARCHITECT OR ENGINEER:

APPLICANT: Arch Mineral Corporation  
P.O. Box 490, Hanna, WY 82327

WATER QUALITY DIVISION REFERENCE NUMBER: 81-931

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

DATE OF REVIEW: January 6, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Our office must have four copies of all submittals.
2. The plans must be signed/sealed by a Wyoming Registered Engineer.
3. The retention sump in Section 12, T22N, R82W does not have any details or design criteria.
4. What are the capacities of the three portable pumps at Seminole No. II?
5. Since the large sedimentation ponds will remain intact, any drainage or retention ditches above these structures are considered secondary facilities and will not require a permit. I will reiterate our policy as stated in DEQ's memorandum of October 29, 1980 from Jake Strohm:

"Any collection ditch, containment ditch, sedimentation control structure, etc., the outflow from which enters a secondary facility permitted either under this policy or a standard Permit to Construct will not require any permit. Such a primary facility will be viewed by the Water Quality Division as being primarily intended for soil conservation purposes rather than water pollution control."

TSN/nc

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-932R

North Fork Road Sewer Extension  
(Name of Facility)

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

School District No. 2

P.O. Box 1300

Glenrock, WY 82637

to construct, install, or modify a sanitary sewer facility according to the procedures and conditions of the application No. 81-932R. The facility is located in Section 3, T33N, R75W 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.

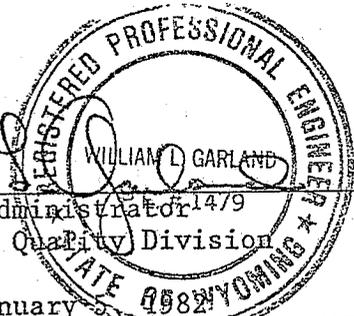
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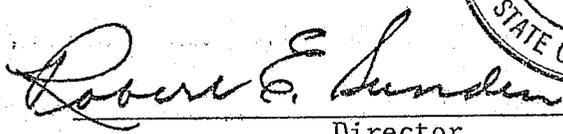
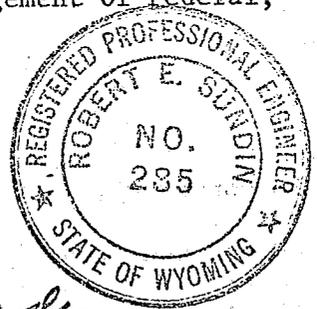
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AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
Administrator 1479  
Water Quality Division  
STATE OF WYOMING  
January 23, 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.

cc: Albert L. Nelson  
Nelson Engineering  
P.O. Box 1599  
Jackson, WY 83001

M  
2-19-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-933R

Car Center Shop Wastewater Disposal Facility  
(Name of Facility)

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

Car Center  
c/o Al Gaub  
PO Box 20

Alpine, WY 83128

to construct, install, or modify a \_\_\_\_\_  
\_\_\_\_\_ septic tank - leach field \_\_\_\_\_

\_\_\_\_\_ facility according to the procedures and conditions of the  
application No. 81-933R. The facility is located in \_\_\_\_\_

Sec. 29, T37N, R118W

\_\_\_\_\_ in the County of Lincoln,

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

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

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

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

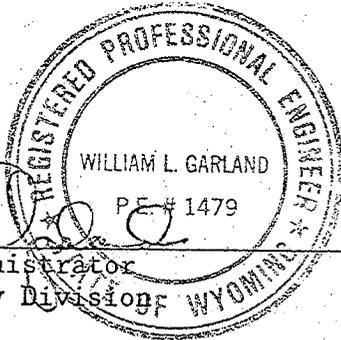
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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.

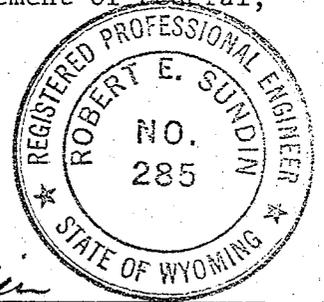
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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



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

February 9, 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 STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Car Center Shop

ENGINEER: Baker Engineers  
Box 210  
Thayne, WY 83127  
ATTN: Lloyd B. Baker

OWNER: Al Gaub, c/o Car Center  
Box 20  
Alpine, WY 83128

WATER QUALITY DIVISION REFERENCE NUMBER: 81-933

REVIEWING EVALUATOR: Francis LaBarge *FL*

DATE OF REVIEW: 12/17/81

ACTION: Not authorized.

COMMENTS:

A review of your application has been completed. Before a "Permit to Construct" can be issued, the following points need to be resolved.

1. What is the expected daily volume of wastewater from the shop? This number needs to be shown on the "Application for Permit to Construct" form.
2. The Check List Sheet calls for three feet of drainfield filler material over the distribution lines under the heading of Disposal, Number 5.b. but number 7 calls for only one foot of cover. Please correct this discrepancy.
3. The maximum allowable gravel size is 2½ inches. Number 6 under the Disposal section on the Check List Sheet calls for a maximum gravel size of one foot. Please correct this.
4. The design of the distribution system is unacceptable. The preferred design is shown on the Disposal Field Detail Sheet. Please revise your design using that detail as a guide.

.../2

A, B, C

Review of Plans & Specs.  
Car Center Shop  
DEQ Reference No. 81-933  
Page 2

5. All of the sheets making up the application should be signed by the engineer.

Please submit the required information and revised drawing, in triplicate, to this office. Upon receipt of a satisfactory reply a "Permit to Construct" will be issued. If you have any questions, please call me.

FL/d1  
12/18/81  
cc: ✓DEQ/WQD Cheyenne  
File (4)



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.

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AUTHORIZED BY:

*William L. Garland*  
WILLIAM L. GARLAND  
No. 1479  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING  
Administrator  
Water Quality Division

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

March 25, 1982

Date of Issuance

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

MRC:ch

*Chay*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

210 Lincoln

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: CITY OF LANDER'S WASTEWATER TREATMENT FACILITY

ENGINEER: John F. Tsern, P.E., President  
Western Design Consultants  
350 West 2700 South  
Salt Lake City, UT 84115

OWNER: City of Lander  
183 South 4th  
Lander, WY 82520  
ATT: Alan O'Hashi

WATER QUALITY DIVISION REFERENCE NUMBER: 81-934

REVIEWING ENGINEER: *M.R.C.* M. Robin Collins, P.E., *WSE* Bill Ewen, *Ed* Ed Baruth, *DN* Don Nelson

DATE OF REVIEW: January 21, 1982

ACTION: Not authorized.

COMMENTS: After reviewing the aforementioned project, we would like to offer the following comments for your consideration in processing the necessary permit:

1. The enclosed "Application Form for a Permit to Construct" needs to be completed, signed by the owner or his agent, and submitted to this office before a permit can be issued.
2. "Ten State Standards" recommend the hydraulic capacity for continuous discharge structures and/or piping allow for a minimum of 250% of the design flow of the system. Please recheck your design calculations to see if this criteria can be met with particular attention given to the discharge pipe to the river.
3. For ponds that are designed deep enough to permit stratification, recommend multi-level takeoffs be utilized as much as possible. Consideration should be given to installing such takeoffs for lagoons "C" and "E".
4. Short-circuiting still appears to be a potential problem, particularly for lagoons "A" and "D". Recommend the inlet(s) and outlet(s) for these ponds be rearranged accordingly.

.../2

*ABC*

5. It appears that during ultimate flow operation, the takeoff from lagoon B to A is off the pond bottom. Why?
6. All ponds should have the capability of being isolated and drained for service and repair. How will this be accomplished for lagoons A and D?
7. Also, recommend all drain and/or low takeoff pipes be surrounded by concrete or acceptable riprap material in order to reduce scouring problems with the pond bottoms.
8. Pond level gauges should be provided.
9. The difference in inlet elevations for lagoon "C" between Sheets I-7 and III-5 should be resolved.
10. Lander's existing primary lagoon has a history of being partially filled with sludge and grit deposits. Has the inlet structures for lagoon "B" been designed to adequately handle and distribute such material? Also, how will the inlets to lagoon "B" be adjusted so as to insure equal distribution or, as most desirable, allow most of the flow to the inlet diagonally opposite the outlet?
11. Pre-filling instructions for the lagoons with emphasis on scour and erosion control on the pond dikes and floors should be included in the specifications.
12. Recommend the invert elevation of the takeoff pipe for lagoon "D" be raised by one foot.
13. Recommend the top of the headwall be raised 4+ inches above the dike slope so as to prevent slough-offs from disrupting pipe flows.
14. The proposed seepage rate initially submitted to us in a design memorandum (October 26, 1981) was 1/16 inch per day. This was later revised upward to 1/8 inch per day. Discussions with members from our Cheyenne and Lander staffs indicated that rates up to 1/4 inch per day are acceptable provided certain conditions are met. One important condition was that, at least, a four-foot separation distance between the pond bottom and groundwater level could be maintained. If the groundwater quality is not very high, and/or if the groundwater receiving stream is located far enough away, and/or the seepage rate is restricted enough, and/or the wastewater is "clean" enough, then this required separation distance could be further reduced.

Please provide information on all water wells within 1/4 mile of the ponds. should include location, water use, depth of well and static water level, and quality information if available.

14. Due to the proximity of several water wells downgradient of the ponds (see (con't) Geotechnical Report Fig. I), Class II clayey fill will not provide sufficient permeability as a lining for ponds D & E.

15. The blower building should be sound-proof as much as possible.

16. We strongly disagree with the proposed flow scheme. EPA's Technical Support Group denied innovative funding to the project because they felt that achieving ammonia permit levels was too risky with an 80 day detention time. The State disagreed, however, we must insist on maximizing detention time. The proposed flow scheme wastes lagoon A capabilities for daytime detention as well as jeopardizes the quality of the nighttime flow by subjecting it to a nominal 60 day detention.

We recommend the "ultimate flow operation" contained in your design memo of October 12, 1981. This may require the floating aerators be installed in Lagoon A instead of lagoon C and that additional automatic timed valves be installed.

17. The 100 year flood boundary appears inconsistent. Please provide the data from which this boundary was obtained.

18. From our information UV disinfection of an effluent with up to 100 mg/l TSS is costly and risky. It is also a deviation from the facilities plan. It will be approved if it can be shown to be more cost-effective on a present worth basis.

19. According to the Geotechnical Report, there are no on-site soils meeting your Class I specifications. This should be made clear to bidders. The bidders should be provided with more soil data so they can estimate Class II, etc., quantities available.

20. Suggest specifying design parameters such as detention times on plan review sheet.

21. Sheet I-6:

- a. Please clarify "Strip to existing clay core".
- b. Verify lagoon A elevations on Section 2. Also reverse the East-West titles on Sections 2 and 3.

22. Sheet II-4; Is HCl cleansing system needed for the fine bubble diffuser? If not, O&M assurances should be provided by the manufacturer.

23. Sheet II-5:

- a. Are blowers sized for 100% output with largest unit out of service?
- b. Recommend installing a blower pad and locating expansion joints next to blower.

24. Sheet II-8:
  - a. Recommend burying the air feed lines from pond bottoms to valve in order to prevent freezing of water backed up into the line during winter down time.
  - b. Will the air diffusers be capable of being removed for cleaning or service without draining the pond?
  - c. If the aerator cables should break the pond would have to be taken out of service. Recommend posts and floating rings be connected to cables.
25. Sheet IIE-1: It is not clear if the automatic valves will be operated by flow or by a time clock.
26. Sheet III-1:
  - a. How will lagoon B be by-passed for maintenance?
  - b. Request that the Legend be expanded to include automatic valves, manual valves, new lines, existing lines, etc.
27. Sheet III-4: Plan and profile should show water main identified on previous sheets.
28. Sheet III-5:
  - a. Line from lagoon B to C exceeds recommended distance of 400 feet without a manhole. What kind of sewer cleaning capabilities does the City have?
  - b. It would be more cost effective to provide watertight manhole covers rather than raise the manholes so far above grade.
  - c. What is the purpose of the existing outlet piping in the northeast corner of lagoon B?
29. Sheet III-7: Why does discharge by-pass two closer access points to the river?
30. Sheet I-3: Who did the analysis and where is the data for TP8, TP9, and DH17?
31. Existing sludge in lagoon A should be cleaned out and disposed of.
32. Riprap may have to be provided on the outside of dikes at strategic locations to protect from the 100 year flood.
33. Please fill in the blanks where appropriate for advertisements and instructions to bidders.
34. Amounts in insurance should be specified.

35. Part V, page 2: Minority and female utilization goals are 7.5% and 6.9% respectively. The Minority Business Enterprise (MBE) goals for this project will be 1-2%.
36. A statement should be inserted in the Instructions to Bidders that Wyoming's 5% differential preference for Wyoming bidders does not apply to federally funded EPA projects.
37. It should be stated that the bid will be awarded to the lowest responsive, responsible bidder.
38. Page 01015-1: Does not comply with EPA's "or equal" requirements.
39. Page 11373-2: Specs should be provided for the blower accessories mentioned.
40. Page 11376-2: Should require a test of several days to insure correct installation and operation.
41. Page 11395-1: Estimated fecal influent concentrations should be given. Also, permit conditions call for 1400 mpn/100 mls. Your requirement for 200 mpn may not be cost effective. Also we recommend wipers for UV tubes and one years worth of spare UV bulbs, etc.
42. Page 11374-2: Remove experience clause.

MRC:ch

cc: Alan O'Hashi  
Gerry Snyder  
File (6)



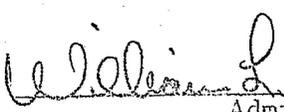
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

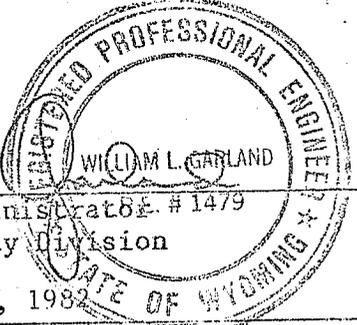
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

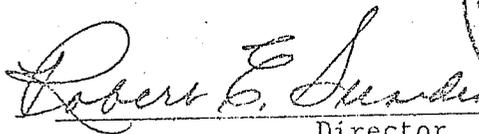
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

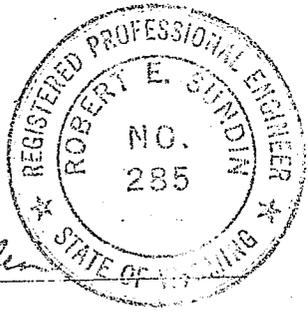
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator # 1479  
Water Quality Division  
January 4, 1982  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

MRC/db  
1/7/82

Chey.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: K & T MANUFACTURING

ENGINEER: Richard E. Myrick  
PO Box 535  
Powell, WY 82435

OWNER: K & T Manufacturing  
c/o Bob Edwards  
PO Box 1155  
Powell, WY 82435

WATER QUALITY DIVISION REFERENCE NUMBER: 81-935

REVIEWING ENGINEER: <sup>for</sup> Jeff Hermansky *M. Robin Collins*

DATE OF REVIEW: December 17, 1981

ACTION: Not authorized.

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

1. How many people are to be served by the facility?
2. The application needs to be signed by the applicant.
3. Please submit three (3) copies of all plans.
4. A Sitton concrete septic tank does not meet construction standards. The standard C & J Precast septic tank is acceptable.

If you have any questions, please contact either Robin Collins or me.

JCH:ch  
cc: File (6)

4-13-82

PERMIT TO CONSTRUCT

New

Permit No. 81-936R

Renewal

Modified

Additions to Administration Building  
(Name of Facility)

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

Stauffer Chemical Co. of WY

PO Box 513

Green River, WY 82935

to construct, install, or modify a \_\_\_\_\_

sewage collection system extention

\_\_\_\_\_ facility according to the procedures and conditions of the

application No. 81-936R. The facility is located in \_\_\_\_\_

Sec. 15, T20N, R109W

\_\_\_\_\_ 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

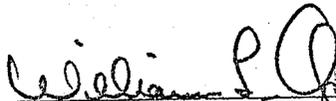
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

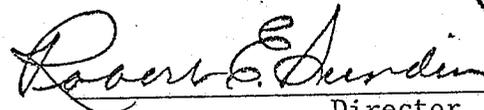
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

March 30, 1982

Date of Issuance

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

AJB:ch





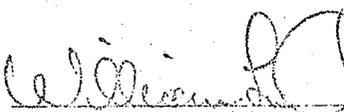
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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.

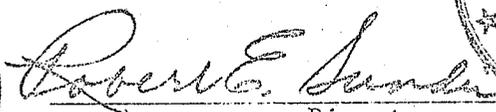
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

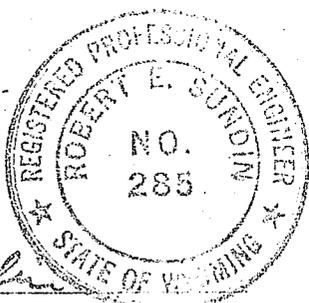
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
January 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.

xc: Ralph Roach  
Mal Crawford



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.

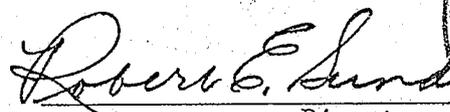
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 L. GARLAND  
P.E. # 1479  
Administrator  
Water Quality Division  
STATE OF WYOMING  
January 20, 1982  
Date of Issuance

  
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.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-939R  
 Ref.No. 80-34RR

Airport Business Park  
 (Name of Facility)

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

Henry Hewitt

P.O. Box 200

Rawlins, WY 82301

to construct, install, or modify a potable water main facility according to the procedures and conditions of the application No. 81-939R. The facility is located in Section 10, T21N, R87W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

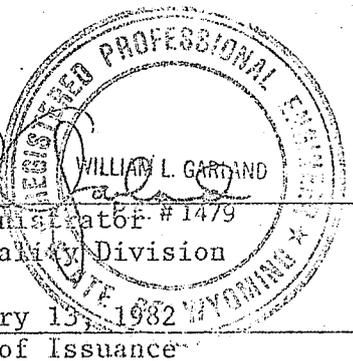
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

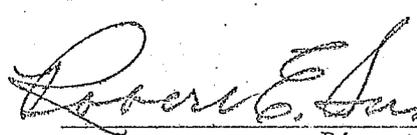
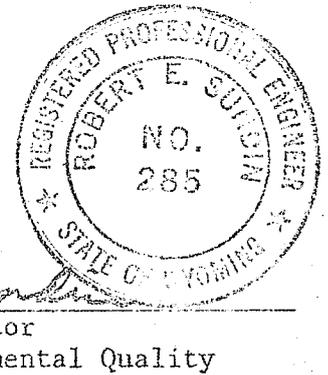
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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. GARDAND  
Administrator #1479  
Water Quality Division  
January 13, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

cc: Rex A. Behrends  
Robert Jack Smith & Assoc.  
P.O. Box 1104  
Rawlins, WY 82301



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

April 29, 1982

Mr. Doug Peterson  
PO Box 917  
Evanston, WY 82930

RE: Billy's Country Music Emporium #81-940

Dear Mr. Peterson:

Per our telephone conversation, you will find an application form with this letter. It needs to be completed and sent back to this office unsigned with as-built plans and specifications on the sewerline constructed to serve Billy's.

In the interest of expediency and fairness, this information needs to be received by June 1, 1982. If acceptable, you will receive a letter so stating; if not, you will be informed of what corrections need to be made.

In order to clear up the outstanding questions on the lagoon, please submit your proposal for cleanup and rehabilitation of the area. I would recommend the lagoon be pumped and hauled to the City, dried, and reclaimed immediately.

Please contact me with your questions.

Respectfully,

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

AJB:ch

cc: Cheyenne DEQ/WQD  
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: BILLY'S COUNTRY MUSIC EMPORIUM

ENGINEER: Uinta Eng. & Surv., Inc.  
PO Box 746  
Evanston, WY 82930  
ATT: Gene P. Smith

OWNER: -Unknown-

WATER QUALITY DIVISION REFERENCE NUMBER: 81-940 R

REVIEWING ENGINEER: Al Berreth *ajf*

DATE OF REVIEW: January 28, 1982

ACTION: Not authorized.

COMMENTS: Before the facilities can be accepted a couple of items need further clarification:

1. Who owns the land upon which the lagoon has been built? You see, no one claims responsibility for this facility. Mr. Tibbit has told me it does not belong to him and the City states that the lagoon is not their responsibility.
2. What is the depth to groundwater? Please send test data on the compacted liner. Is the quality of the groundwater known?
3. This office will not issue a permit to expand this lagoon. The owner will need to find a hauler. Letters from the hauler and receiver are needed.
4. This area will need to be reclaimed when city sewer is available. A statement from the owner on this is needed.

AB:ch

cc: Wayne Shepherd  
Bill Tibbit  
Cheyenne DEQ/WQD  
File (4)

*AC*



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 18, 1982

City of Evanston  
PO Box 130  
Evanston, WY 82930  
ATT: Wayne Shepherd

RE: Billy's Country Music Emporium #81-940

Dear Mr. Shepherd:

Recently, I received an application for a holding pond to serve the above referenced facility with Mr. Bill Tibbit listed as the applicant. This morning I received a call from Mr. Bill Tibbit who informed me that the City of Evanston was responsible for his sewage disposal. The application needs to be revised showing the City as the applicant.

Attached is a copy of our review for your records. It is important that this matter be resolved as soon as possible.

Please call if you have questions.

Respectfully,

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

Albert J. Berreth  
Southwest District Engineer

AB:ch

cc: Mr. Bill Tibbit  
Uinta Engineering & Surveying  
File (4)  
Cheyenne, DEQ/WQD

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
933 MAIN STREET,  
LANDER, WYOMING 82520



PROJECT: BILLY'S COUNTRY MUSIC EMPORIUM

OWNER: Mr. Bill Tibbit  
P.O. Box 1521, Evanston, WY 82930

ARCHITECT OR ENGINEER: Uinta Engineering and Surveying, Inc. ATT: Gene P. Smith  
P.O. Box 746  
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-940

REVIEWING ENGINEER: Al Berreth *ejf*

DATE OF REVIEW: January 12, 1982

ACTION: Not Authorized

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

- 1.) It has been my impression that this facility has been constructed. If so, the Wyoming Environmental Quality Act has been violated and the owner may be subject to a \$10,000/day fine. If the facility has been built an unsigned application form needs to be provided and the issue resolved as soon as possible.
- 2.) It has been my impression that this pond is lined. If so, details and specifications are needed. If not, then adequate information for the assesment of possible groundwater contamination must be submitted. Including compaction specifications, percolation rate, depth to groundwater etc..
- 3.) From my understanding of the status of the interceptor, a 30 day time of use is probably not long enough. Either the pond will need to be expanded or provisions made for hauling the wastes. If hauling is proposed we need written confirmation from the hauler and the receiver.
- 4.) How long is the service line? Does it have cleanouts? At what slope is it? Will it be used to connect into the sewer system when available? Please explain.
- 5.) A splash pad is needed.

AB:dl

cc. Cheyenne DEQ/WQD  
Wayne Shepherd  
File (4)

ABC

4-13-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-941R

Eagle Transport  
(Name of Facility)

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

Jim Combe  
PO Box 98  
Etna, WY 83118

to construct, install, or modify a septic tank - leach field

facility according to the procedures and conditions of the application No. 81-941R. The facility is located in Sec. 11, T35N, R119W

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

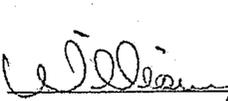
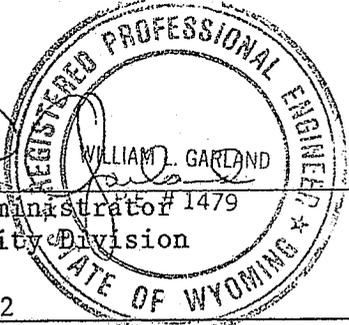
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

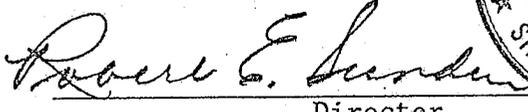
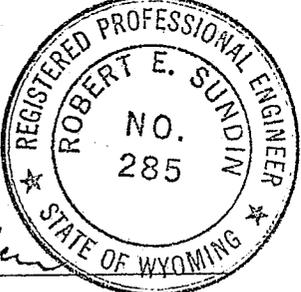
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 # 1479  
Water Quality Division  
March 22, 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.

FL:ch



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

March 18, 1982

Mr. Ross Turner  
Selectronics  
PO Box 808  
Afton, WY 83110

RE: Eagle Transport, DEQ #81-941

Dear Mr. Turner:

As of this date I have not received a reply to my January 5, 1982 review letter of the above referenced application. Please inform me in writing of when a reply can be expected or if the project has been abandoned.

If the project has been abandoned, your application will be removed from our files and the plans returned to you at your request.

Yours truly,

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

Francis LaBarge  
Water Quality Evaluator  
Southwest District

FL:ch

cc: Cheyenne, DEQ/WQD  
Jim Combe  
File (2)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN  
LANDER, WYOMING 82520

PROJECT: Eagle Transport

OWNER: Jim Combe  
PO Box 98, Etna, WY 83118

ARCHITECT OR ENGINEER: Selectronics  
PO Box 808

Afton, WY 83110 ATTN: Ross Turner

WATER QUALITY DIVISION REFERENCE NUMBER: 81-941

REVIEWING ~~ENGINEER~~ EVALUATOR: Frank LaBarge *FL*

DATE OF REVIEW: January 5, 1982

ACTION: NOT AUTHORIZED

COMMENTS: Your application was very good; however, before a Permit to Construct can be approved, the following points need to be addressed.

- 1.) How many people will be using the sanitary facilities in the warehouse (i.e. the number of employees per 8 hour shift)?
- 2.) A cleanout detail is needed. If the detail is on a separate sheet, be sure it is signed by the engineer.
- 3.) The engineer needs to sign sheets 1, 5, 6 and 7 of the application.

Please submit the required information, in triplicate, to this office. Upon receipt of a satisfactory reply, a Permit to Construct will be approved. If you have any questions, please call me.

FL/db

-AC



*Worma*

*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 28, 1981

Cody Meat Packing Co.  
c/o Robert E. Nyce  
P.O. Box 1751  
Cody, WY 82414

RE: Review of Cody Meat Packing  
Company's Wastewater Disposal  
System (As-Builts)  
DEQ Reference No. 81-942

Dear Sir:

In regard to our approval of your application for the aforementioned facility, we would like to offer the following comments for your consideration.

Based on the submitted plans and specifications, by Roy Holm the constructed wastewater disposal system should adequately handle the expected flows for the building and thus is acceptable to our Department. A "Permit to Construct" will not be sent because the facility has already been built.

As a general reminder, construction of a wastewater system or a public water supply without a "Permit to Construct" from this Department is a violation of Section 35-11-301, part 3 and 5, of the Wyoming Environmental Quality Act as amended. If this practice continues in the future, this office will recommend that legal action be initiated against the violators.

If further information is required, please do not hesitate to contact us.

Respectfully,  
*M. Robin Collins*  
M. Robin Collins, P.E.  
Northwest District Engineer

MRC/dl

cc: Roy R. Holm, P.E. - Norman L. Smith, Inc.  
Roy Holt - Holt Plumbing  
Tim Morrison - Park County Planner  
Cheyenne DEQ/WQD  
File (3)

*As Built*

Norma's Copy



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

Department of Environmental Quality  
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

MEMORANDUM

TO: Al Berreth

FROM: A. J. Mancini *ajm*

DATE: March 8, 1982

SUBJECT: Covered Wagon Park Sewage Facility, Section 5, T18N, R107W, Sweetwater Co., DEQ/WQD Ref. No. 81-943

The report states that the sewage treatment facility will be for residential units, but that "commercial and business" would account for approximately 15% of the subdivision. Will there be wastes other than domestic going into the facility? What will be the anticipated quality of the wastewater which percolates into the subsurface?

Depth to groundwater reportedly is greater than 15 feet below the surface in the northern part of the site, while 9-1/2-10 feet below the surface in the southern part. Presumably, groundwater could be less than 9 feet below the surface where the site is excavated. Do we know the quality of the shallow groundwater?

It appears, from the site location diagram, that seepage from the site would not reach James Town or Rivovista; however, there is no discussion of the proximity of any individual houses and wells downgradient of the site, if any, which might be impacted.

How thick a clay liner will be used? What will the vertical conductivity of this liner be (i.e., at what rate will the wastewater penetrate the liner)?

*Plans returned 3-12-82*

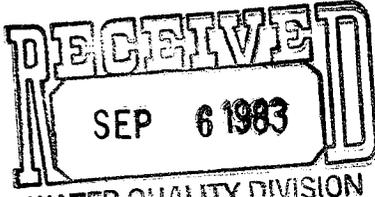


*Department of Environmental Quality*  
*Water Quality Division*

165 EAST RAILROAD AVENUE

GREEN RIVER, WYOMING 82935

TELEPHONE 307 875-6911



September 1, 1983

Covered Wagon Associates  
C/O Mr. Jay Haskell  
471 N. 1110 E.  
Bountiful, UT 84010

Dear Mr. Haskell:

As per a telephone conversation with Mr. Harry L. Moore, Johnson, Fermelia and Crank on this date, we are withdrawing your plans for the Covered Wagon Park Sewage Facility, Water Quality Division reference #81-943.

Should you desire to permit this system in the future, you will need to resubmit your application.

Included with this letter are two of the three sets of plans originally submitted. The third set is being kept in our office for record purposes.

Sincerely,

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

Albert J. Berreth  
Area III Supervisor

AJB:mpm

cc: Harry L. Moore  
DEQ/WQD- Cheyenne, Norma  
File

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Covered Wagon Park Subdivision

ENGINEER: Harry L. Moore  
Johnson-Fermelia & Crank  
PO Box 1633  
Rock Springs, WY 82901

OWNER: Covered Wagon Associates  
c/o Jay Haskell  
471 N. 1100 E.  
Bountiful, UT 84010

WATER QUALITY DIVISION REFERENCE NUMBER: 81-943

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: January 14, 1982

ACTION: Not authorized.

COMMENTS:

- 1.) Plans and specifications are needed for the collection system, force main, lift stations, transfer structures and influent lines.
- 2.) Can you provide the Channel Geometry Method calculations?
- 3.) Details of the drop structures in the diversion channel are needed. Are splash pads provided?
- 4.) Rip rap details for the diversion channel and lagoons are needed.
- 5.) What are the details of the inlet to the diversion channel? How will runoff be directed to the inlet structure? Is there a head wall or channel at the northern end of cells 1 and 2? Is erosion control provided on the west side of the lagoon?
- 6.) Lagoon dimensions on the plan and profile drawings would be helpful. Water elevations should also be included.

*ABC*

Review of Plans and Specifications

Covered Wagon Park Subdivision

81-943

January 14, 1982

Page Two

- 7.) Construction specifications are needed for the dikes and pond bottoms (soil density, optimum water content, seeding of dikes). Material specifications are needed for the lagoon liner. Either a coefficient of permeability or a seepage rate in inches/day is needed.
- 8.) Will a liner be installed in cell 6 for Phase II after it has been used as a percolation pit?
- 9.) Is there an access road to the lagoons?
- 10.) The top of the dikes should be shown as at least 8 feet wide.
- 11.) Pond level gauges should be provided.
- 12.) A fence and warning signs are needed around the lagoons.
- 13.) The location of the percolation tests between test borings no. 3 and no. 6 does not appear to correspond to the location of percolation cells 9 and 10. Please explain.
- 14.) Is additional soil investigation planned as suggested in the soils report? Namely, will the potential for water mound development be investigated?
- 15.) A water quality analysis of the groundwater should be provided.
- 16.) Final approval is dependent upon a review by the groundwater section in Cheyenne. A copy has been forwarded to them.
- 17.) If the average flow in the Greaswood Canyon drainage is less than 5 cfs, it is possible that the Corps of Engineers has issued a nationwide permit for any activity in the drainage. You should contact Mike Carnevale, Planning Supervisor, in Cheyenne (777-7081) to find out if this is the case. He will inform you of any conditions of the nationwide permit and procedures for obtaining any other necessary permits.
- 18.) Prefilling of the lagoons should be addressed.

Feel free to call me with questions.

RR/db

cc: Cheyenne DEQ/WQD



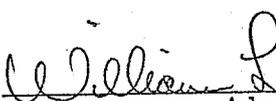
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

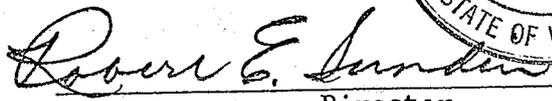
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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  
No. 279  
Administrator  
Water Quality Division  
STATE OF WYOMING  
November 22, 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.

FL:dp

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: RIVERTON'S WASTEWATER TREATMENT FACILITY

ENGINEER: Arix  
609 East Madison  
Riverton, WY 82501  
ATT: Dean L. Swartz, P.E.

OWNER: City of Riverton  
City Hall/PO Box 1700  
Riverton, WY 82501  
Bill Peterson, Jr.

WATER QUALITY DIVISION REFERENCE NUMBER: 81-944

REVIEWING ENGINEER: <sup>M.R.C.</sup> M. Robin Collins, P.E., <sup>WSS</sup> Bill Ewen, <sup>Tom Conrardy</sup> Tom Conrardy, Don Nelson

DATE OF REVIEW: January 29, 1982

ACTION: Not authorized.

COMMENTS: After reviewing the aforementioned project, we would like to offer the following comments for your consideration in processing the necessary permit.

1. Basically, the design procedures used to size the individual process units were acceptable. However, we would like to offer the following comments on the preliminary design manual:
  - a. In the preliminary design manual, it was stated that suspended solids concentrations in the effluent are expected to be about 5 mg/l. Without tertiary filtration effluent quality this high is doubtful. What suspended solids figure was used for design of the U.V. disinfection system?
  - b. Does the design take into consideration septage flows and its related organic loads? Will an equalization basin be required?
  - c. Feel the round-off value used in sizing the sludge drying beds may be a little generous (12%).

ABC

2. A completed "Application Form for a Permit to Construct" should be included as part of this submittal.
3. The final revised plans must be stamped and/or signed by a professional engineer registered in the State of Wyoming.
4. What type of air change capability does the clarifier exhaust fans have?
5. The size of the U.V. unit in the specifications should be changed to the revisions made in the design manual (6500 gpm).
6. The recommended alternative for disinfection in the facilities plan was chlorination. A present worth analysis demonstrating the advantage of U.V. disinfection versus chlorination should be presented.
7. How will the sludge thickening screen be cleaned? How often will cleaning be required?
8. Recommend the laboratory include a microscope.
9. The dissolved oxygen probe should be specified with a long extension cord to allow monitoring the DO at various locations in the oxidation ditch.
10. No data on geology or soils has been provided.
11. The point of return of the 6 inch cyclone return line is not shown.
12. The water levels at which screw pumps 1, 2, and 3 will come on should be specified.
13. Has any consideration been given to providing independent valving on the two rows of aerators in each digester tank?
14. Consideration should be given to providing more easily serviceable drop pipes.
15. No detail has been shown of the air header pipe to air bridge tubing connection.
16. Detail of grating on the catwalks of the digesters hasn't been shown. It is stated in the specifications that the bridges will be interlaced for rigidity by 3"x3"x $\frac{1}{4}$ " steel angle struts. The spacing for these struts hasn't been specified.
17. Water supply to the sink in the sludge pumping area is not shown.

18. What will be the arrangement for the polyethylene liner under the sludge drying beds at the point where the perforated plastic drain connects to the 8" PVC pipe?
19. What type of equipment will be used on the sludge drying beds and what loading capacity are the beds designed to withstand.
20. What is the air requirement to operate each diaphragm pump? Can all the pumps operate satisfactorily with one compressor out of service?
21. At its rated capacity one of the diaphragm pumps would take over 2 hours to fill a sludge drying bed, or 24 hours to drain a digester tank. Could this create any problems in the event one diaphragm pump is out of service?
22. Provisions should be made to bypass the sludge drying beds so liquid sludge may be hauled if necessary.
23. A container for screenings and grit should be specified.
24. What is the function of the non-potable water supply line to the flow monitoring stilling well?
25. Provisions should be made so the operator can accurately gauge the flow rate at adjustable weirs.
26. The slope in the thickener should be specified.
27. An underground sprinkler system is mentioned in the specifications on page 02830-1 but no such system is shown on the plans.
28. On sheet C-4 an irrigation pump is shown near the outfall. The state engineer should be consulted to use of the irrigation pump.
29. On sheet C-27 the elevation of the scum pipe into the scum wet well is given as 1470.00.
30. The plans should be checked for accuracy. Several mistakes which were noted were:
  - a) On sheet C-19 of the plans, both the maximum and minimum weir elevations are marked max.
  - b) On sheet C-26, all four sides of the digester bottom are labeled as having a 2% slope.
  - c) On sheet C-28, Section F, the arrow marking direction of flow in the flushing pump line is in the wrong direction.
  - d) On sheet C-28, Section E, only a portion of a section of pipe which extends upward from the decant line to the digester is shown.

- e) On sheet C-28, Section D, the elevation of one of the flushing pipes is labeled 4897.92. On sheet C-29, Section J, this elevation is labeled 4897.83.
  - f) On sheet A-11, the radius of the settling tank is labeled 92 feet.
31. How much deeper will the feedwell baffles be specified for the final clarifiers?
  32. Pressure relief valve should be considered for tanks which are partially underground in order to prevent these tanks when empty from being damaged from pressure of groundwater.

MRC:ch

cc: EPA



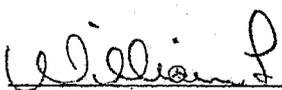
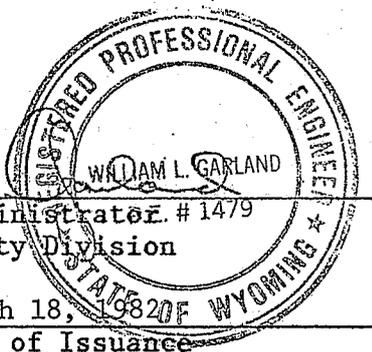
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

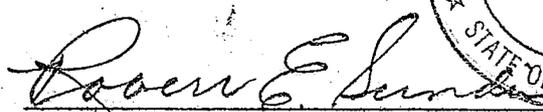
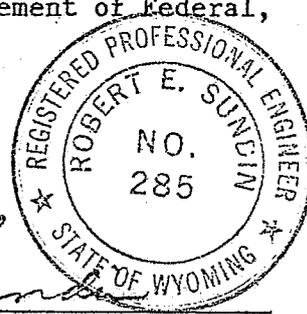
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

  
  
Administrator # 1479  
Water Quality Division  
March 18, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

xc: Campbell County Engineer's Office

*Norma*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
2161 Coffeen Ave., Suite 301  
Sheridan, Wyoming 82801

PROJECT: Ward Creek Subdivision Water System

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

WATER QUALITY DIVISION  
REFERENCE NUMBER: 81-945

REVIEWING ENGINEER: Tom Mueller *TJM*

DATE OF REVIEW: January 26, 1982

ACTION: Not Authorized for Construction. See Comments.

COMMENTS:

1. Supporting calculations for the system design must be supplied. Such calculations must include, at a minimum:
  - anticipated average, maximum daily, and instantaneous peak flows;
  - anticipated rate and duration of fire flows;
  - pressure requirements of the pumping system, based on overall system elevations, Ten States Standards minimum distribution pressure criteria, and distribution system losses.
2. The water storage tank must be specified to meet the requirements of AWWA standard D103.
3. Additional information on the pumps must be provided, particularly a pump curve specific to this installation (correct impeller diameter, rotational speed, etc.). If this information is not available, a rigid specification governing pump operating characteristics may be substituted. Note: A minimum requirement for this pump arrangement is that a single pump must be able to deliver a quantity equal to maximum fire flow plus average domestic demand, and maintain a minimum pressure of 20 psi at ground level at all points in the distribution system.
4. The termination of the 4-inch PVC building/tank drain must be located and detailed.
5. Sheet 3 of the drawings indicates a 3-inch unvalved connection between the pump suction line and the system distribution header. A valve should be indicated in this connection, or it should be removed from the drawings.

6. The City of Gillette Standard Specifications contain numerous references to City Engineer inspections and other items which make them unsuitable for a project of this nature. For this reason, if pre-written specifications are desired, general ones such as the Wyoming Public Works Standard Specifications must be used.

1-25-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-946RR  
SEE SPECIAL CONDITION

Melrose Trucking  
(Name of Facility)

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

Melrose Trucking  
2671 S. Robertson Rd.  
Casper, WY 82604

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-946RR. The facility is located in Section 10, T33N, R80W in the County of Natrona Co., 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.

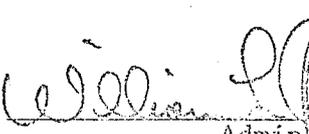
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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 I. GAYLAND  
ADMINISTRATOR # 1479  
WATER QUALITY DIVISION  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING

January 18, 1982  
Date of Issuance

  
ROBERT E. JORDAN  
DIRECTOR  
DEPT. OF ENVIRONMENTAL QUALITY  
REGISTERED PROFESSIONAL ENGINEER  
NO. 285  
STATE OF WYOMING

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

cc: Ronald J. Nelson  
Nelson, Melius & Assoc.  
100 West B. Street  
Casper, WY 82604

Conditions to Permit to Construct

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 Casper Urban Water Quality Management Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Casper Urban Water Quality Management Plan and the Final 201 Facility Plan.

1-13-82

Review of Plans and Specifications

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

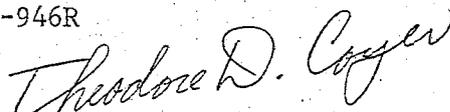
PROJECT: Melrose Trucking

ARCHITECT OR ENGINEER: Ronald J. Nelson, Nelson, Melius & Assoc.  
100 West B. St., Casper, WY 82604

APPLICANT: Melrose Trucking  
2671 So. Robertson Rd., Casper, WY 82604

WATER QUALITY DIVISION REFERENCE NUMBER: 81-946R

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



DATE OF REVIEW: January 12, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Only one copy of the plan was received. An additional copy is needed before the permit can be issued.

TDC/nc

Review of Plans and Specifications

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

PROJECT: Melrose Trucking, Natrona Co.

ARCHITECT OR ENGINEER: Ronald J. Nelson, Nelson, Melius & Assoc.  
100 West B. St., Casper, WY 82601

APPLICANT: Melrose Trucking  
2671 So. Robertson Rd., Casper, WY 82604

WATER QUALITY DIVISION REFERENCE NUMBER: 81-946

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

DATE OF REVIEW: December 30, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Details of the septic tank and distribution box must be provided.
2. A section view through the leach bed showing the depth in the ground the system will be built, depth of the stone (over and under the distribution pipes), and depth of ground cover must be provided.
3. Will the leach bed be 40 feet by 40 feet as shown on the drawing or 35 feet by 40 feet as indicated on the Natrona County Health Department's permit?
4. Please specify the size of stone that will be used (1/2 inch minimum to 2-1/2 inch maximum).
5. The "Standards for Sewage Disposal Systems" published by the Wyoming Department of Health and Social Services do not apply. Furthermore, a generic statement such as that is unacceptable for compliance with the requirements of this department.
6. Will this property be served by a well? If yes, please show its location.

TDC/nc

2-4-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-947R  
SEE SPECIAL CONDITIONS

Halliburton Services  
(Name of Facility)

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

Ray Kerr

P.O. Box 1510

Evansville, WY 82636

to construct, install, or modify a commercial subsurface disposal facility according to the procedures and conditions of the application No. 81-947R. The facility is located in Lot 3, Block 3, Brooks Hat Six Industrial Park, Section 9, T33N, R78W 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.

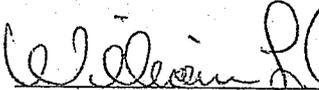
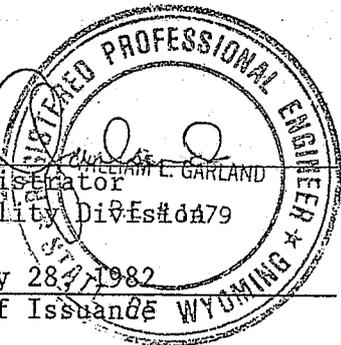
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

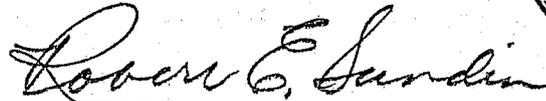
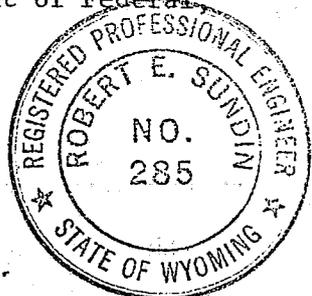
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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  
Water Quality Division #0A79  
January 28, 1982  
Date of Issuance  


  
\_\_\_\_\_  
DIRECTOR  
Dept. of Environmental Quality  


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

cc: Gray C. Wangelin  
E.I.T.S.  
P.O. Box 4075  
Casper, WY 82604

Conditions to Permit to Construct

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 Casper Urban Water Quality Management Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Casper Urban Water Quality Management Plan and the Final 201 Facility Plan.

1-14-82

Review of Plans and Specifications

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

PROJECT: Halliburton Services, Natrona Co.

ARCHITECT OR ENGINEER: Gray C. Wangelin, E.I.T.S.  
P.O. Box 4075, Casper, WY 82604

APPLICANT: Mr. Ray Kerr, Halliburton Services  
P.O. Box 1510, Evansville, WY 82636

WATER QUALITY DIVISION REFERENCE NUMBER: 81-947

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

DATE OF REVIEW: January 13, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Permit to Construct No. 79-107R was issued to Halliburton Services on May 1, 1979. This permit was for the same area as this proposal. Please show how the existing facilities are related to this proposal as they are on the same lot and block. Is this warehouse building existing or proposed?

TSN/nc

PERMIT TO CONSTRUCT

New

Permit No. 81-948

Renewal

Modified

B and R Short Stop Grocery  
(Name of Facility)

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

Charles Dunlap

c/o Swift Realty

810 East 2nd Street

Casper, WY 82601

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-948. The facility is located in Section 21, T35N, 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.

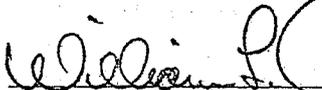
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

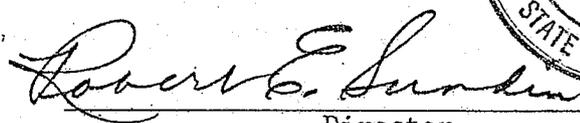
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 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  
4079  
Administrator  
Water Quality Division  
STATE OF WYOMING  
December 30, 1981  
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.

cc: Gray C. Wangelin  
E.I.T.S.  
P.O. Box 4075  
Casper, WY 82604

2-17-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-949R

Rock River Water System Improvements  
(Name of Facility)

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

Town of Rock River

P.O. Box 280

Rock River, WY 82083

to construct, install, or modify a municipal water distribution system facility according to the procedures and conditions of the application No. 81-949R. The facility is located in Section 31, T21N, R76W (along east end of Hall Street and south end of Tenth Street 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.

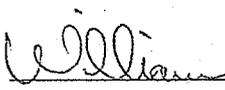
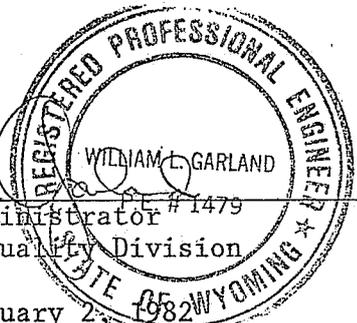
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

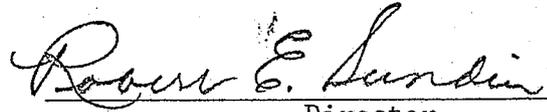
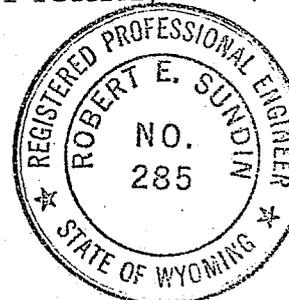
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AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
Administrator #1479  
Water Quality Division  
February 2, 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: Jim Cavalli  
Banner Associates  
P.O. Box 550  
Laramie, WY 82070

M  
1-6-82

Review of Plans and Specifications

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

PROJECT: Rock River Water System Improvements, Albany Co.

ARCHITECT OR ENGINEER: Jim Cavalli, Banner Assoc., Inc.  
P.O. Box 550, Laramie, WY 82070

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

WATER QUALITY DIVISION REFERENCE NUMBER: 81-949

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

DATE OF REVIEW: January 5, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. What class is the Johns-Manville Blue Brute water pipe?
2. Place a note on the drawings indicating that all work and material will be in compliance with the 1981 Wyoming Public Works Standard Specifications.
3. What will be the water pressure in the pipe at the end of tenth street?
4. Will fire hydrants be placed on 6 inch waterline?
5. Where dead-end occurs (tenth street) mains occur, they shall be provided with a fire hydrant if flow and pressure are sufficient, or with an approved flushing hydrant or blow-off for flushing purposes.
6. Where will water valves be placed? Valves should be located at not more than 500 foot intervals in commercial districts and at not more than one block or 800 foot intervals in other districts.
7. Where are the existing sewer lines located? Show on drawing.

LCE/nc

2-4-82

PERMIT TO CONSTRUCT

New

Permit No. 81-950RR

Renewal

Modified

Rainbow Gardens Subdivision  
(Name of Facility)

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

City of Cheyenne

2101 O'Neil Ave.

Cheyenne, WY 82001

to construct, install, or modify a municipal water distribution and sanitary sewer extension facility according to the procedures and conditions of the application No. 81-950RR. The facility is located in Section 26, T14N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

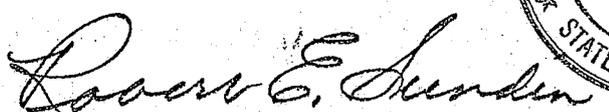
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AUTHORIZED BY:

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

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

January 28, 1982  
Date of Issuance

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

cc: Fred A. Sielbach, Jr.  
CSSA/WY  
1780 Westland Rd.  
Cheyenne, WY 82001

Review of Plans and Specifications

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

PROJECT: Rainbow Gardens Subdivision, Laramie Co.

ARCHITECT OR ENGINEER: Fred Sielbach, Jr., CSSA/WY  
1780 Westland Road, Cheyenne, WY 82001

APPLICANT: City of Cheyenne  
2101 o'Neil Ave., Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-950R

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

DATE OF REVIEW: January 13, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- 1. The leakage test formula in Section 301.06 of the supplementary specifications from CSSA is not acceptable for ductile iron or PVC pipe. AWWA C600-77 specifications must be met.

General Comments:

- 1. The November 19, 1979 letter by Mr. Feusner to the City of Cheyenne improperly identified the specifications that were approved. The specifications should be correctly labeled as the "1979 Wyoming Public Works Standard Specifications". The Associated General Contractors (AGC) of Wyoming, Inc. has requested that the specifications be identified correctly.
- 2. The "Special Provisions of CSSA/WY" must be submitted each time they are referred to in an application regardless if they have been "repeatedly reviewed". If you wish to refer to them in the future without a submittal, you can submit them for formal approval similar to the Wyoming Public Works Standard Specifications.

TSN/nc

Review of Plans and Specifications

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

PROJECT: Rainbow Gardens Subdivision, Laramie Co.

ARCHITECT OR ENGINEER: Fred Sielbach, Jr., CSSA/WY  
1780 Westland Road, Cheyenne, WY 82001

APPLICANT: City of Cheyenne  
2101 O'Neil Ave., Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-950

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

DATE OF REVIEW: December 30, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. I am not aware of the "1979 Wyoming Associated General Contractors Public Works Standards". If such standards exist, DEQ has not approved them. Maybe you are referring to the "1979 Wyoming Public Works Standard Specifications" (?).

Also, any "special provisions by CSSA/Wyoming" must be submitted in full for review and approval.

2. Valving:

- a. The valve spacing on Independence Drive from Hayes Avenue-Rose Garden Drive is too great. Valves should be located at not more than one block or 800 foot intervals.
- b. The valve spacing on sheet 7/16 is also inadequate.
- c. The valve on Garden Court (sheet 6/16) is useless as it performs no function and does not isolate any lines. Another valve on the loop is necessary.
- d. An air relief mechanism is necessary at the high point on sheet 7/16, station 10+00.

3. A stubout of the sanitary sewer on Golden West Road is not acceptable. A manhole is required.

4. If the "typical blowoff detail" (sheet 16/16) were to be used, it would not be approved. With a pavement covering, the blowoff would never be used. Blowoffs are intended for routine flushings of water mains.

TSN/nc

