

81/0

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-401R

United Methodist Church
(Name of Facility)

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

United Methodist Church

Hillsdale, WY 82060

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-401R. The facility is located in Section 6, T14N, R63W 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 reviewed 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.

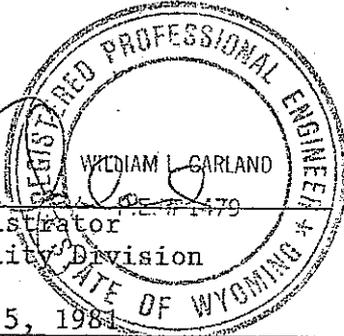
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

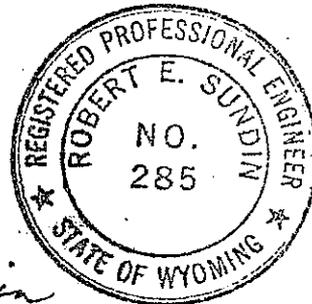
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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



ROBERT E. SUNDIN
NO. 285
Director
Dept. of Environmental Quality

August 5, 1981
Date of Issuance

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

cc: D.M. Hopkins
D.M. Hopkins & Associates
216 E. 17th St.
Cheyenne, WY 82001

L2/f

Review of Plans and Specifications

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

PROJECT: United Methodist Church

ARCHITECT OR ENGINEER: Donald M. Hopkins, D.M. Hopkins & Assoc.
216 East 17th Street, Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-401

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

Theodore D. Coyer

DATE OF REVIEW: July 20, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. What is the seating capacity of the church. The leach field should be sized on the basis of 5 gallons per auditorium seat per day.
2. Please show the locations of the parking lot and driveways. The septic tank and leach field must not be located under them.

The piping in and out of the septic tank must be schedule 40 plastic or cast iron pipe.
4. What will be the width of the leach field trenches?

PERMIT TO CONSTRUCT

Permit No. 81-402R

New

Renewal

Modified

Medicine Bow Ski Area, Inc., Wastewater Treatment Plant
(Name of Facility)

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

Medicine Bow Recreation Inc.

P.O. Box 138

Centennial, WY 82055

to construct, install, or modify a aerated surge tank and upgrade existing facilities facility according to the procedures and conditions of the application No. 81-402R. The facility is located in Section 20, T16N, R78W in the County of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

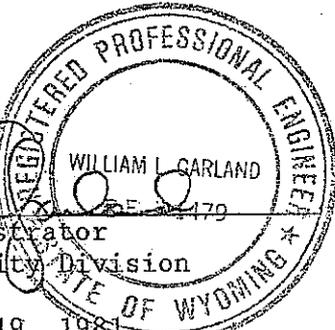
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area is 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.

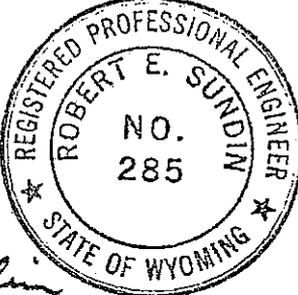
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


William L. Garland

Administrator
Water Quality Division
August 19, 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: Carroll S. Delaney
Carroll S. Delaney & Assoc.
1170 Jersey St.
Denver, CO 80220

Lef

Review of Plans and Specifications

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

PROJECT: Medicine Bow Ski Area, Inc.

ARCHITECT OR ENGINEER: Carroll S. Delaney & Assoc.
1170 Jersey St., Denver, CO 80220

WATER QUALITY DIVISION REFERENCE NUMBER: 81-402

REVIEWING ENGINEER: T. S. Norman

T. S. Norman

DATE OF REVIEW: July 27, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The hydraulic and organic design loadings appear to be very low. At one point, you compare the ski area to a day school with a cafeteria. My resources show a day school as having 20 gpd at a 0.06 # BOD/capita useage which is quite a bit higher than your estimate. In comparison, I would estimate a ski area to have a higher loading than day schools due to that food is served all day long and that a considerable more amount of beverages are consumed. Are there any existing flow data?
2. Inadequate equalization storage is provided. Your calculations require 6,336 gallons of storage. Yet only 3300 gallons are provided between the pump on/off switch. Also, with 10,733 gallons working capacity and 7,435 gallons aeration capacity, only 3300 gallons are left for equalization.
3. The plans show the c/c plant at 4800 gallons but the design calculations are based on 5500 gallons.
4. What is the weir overflow rate on the clarifiers?
5. In the aeration requirement calculations, why wasn't the air lift pump requirements added to the 182 ACFM. The 1.8 # O2/BOD5 requirement appears more stringent than the 2000 cu. ft. of air per #BOD5. Why then in the specifications do you require the 2000 cu. ft. of air per #BOD5.
6. In general, the specifications are written so that the manufacturers must design the system. The engineer is supposed to design the system be stating aeration rates, pump capacity, pumping heads, ease of operation and maintenance, types of valves and sizes, etc. Examples in Specifications:

Item III B.b. Item III C.a. Item III C.b. Item III D.a. Item III F
7. The pumps from the equalization basin to the treatment units seem grossly oversized at 75 gpm. Even if all the flow was to be pumped in eight hours rather than the suggested 24 hours, the flow is only 17.7 gpm. The 75 gpm pump will create surges to the treatment units which are worse than the normal flow conditions.

The portable laboratory test kit must utilize methods acceptable to EPA.

9. Recommend fixing the flow meter so that it is readable and accessible during the winter.
10. A high level alarm should be installed in surge basin.



Department of Environmental Quality
Water Quality Division

81-403

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

June 5, 1986

Blacksfork Corporation
ATTN: Mr. Kent Palmer
2340 South 2700 West
Salt Lake City, UT 84119

RE: Granger Park Resubdivision, WQD Reference No. 81-315, 81-403, 81-404,
81-718, 81-719

Dear Mr. Palmer:

After our phone conversation on Thursday, May 29, 1986 concerning the referenced subject, I conducted a thorough search of our files. I discovered that five (5) applications for permit to construct were made to this office for the Granger Park Subdivision Improvements. Only one permit was actually issued. That was WQD Permit No. 81-403 for water and sewer improvements to Phase I of that subdivision only.

I am returning the attached plans and specifications to you and will cancel WQD Permit Application Nos. 81-315, 81-404, 81-718 and 81-719. I apologize for any inconvenience I may have caused you in clearing this matter up.

Should you have any questions or comments, please contact Jack Bedessen or myself.

Sincerely,

A handwritten signature in cursive script that reads "Bill Locke".

Bill Locke, P.E.
Water Quality Engineer

BL/jw

cc: Town of Granger
DEQ/WQD, Cheyenne

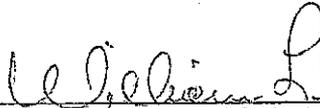
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

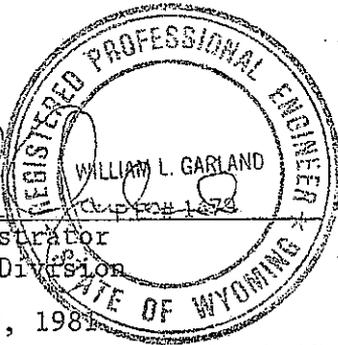
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

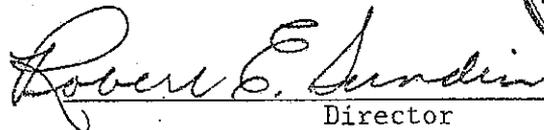
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

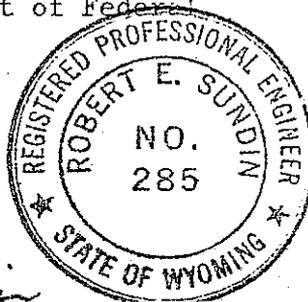


Administrator
Water Quality Division
July 9, 1981
Date of Issuance





Director
Dept. of Environmental Quality



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

AB:nb
7/9/81



Department of Environmental Quality
Water Quality Division

81-404

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

June 5, 1986

Blacksfork Corporation
ATTN: Mr. Kent Palmer
2340 South 2700 West
Salt Lake City, UT 84119

RE: Granger Park Resubdivision, WQD Reference No. 81-315, 81-403, 81-404,
81-718, 81-719

Dear Mr. Palmer:

After our phone conversation on Thursday, May 29, 1986 concerning the referenced subject, I conducted a thorough search of our files. I discovered that five (5) applications for permit to construct were made to this office for the Granger Park Subdivision Improvements. Only one permit was actually issued. That was WQD Permit No. 81-403 for water and sewer improvements to Phase I of that subdivision only.

I am returning the attached plans and specifications to you and will cancel WQD Permit Application Nos. 81-315, 81-404, 81-718 and 81-719. I apologize for any inconvenience I may have caused you in clearing this matter up.

Should you have any questions or comments, please contact Jack Bedessem or myself.

Sincerely,

A handwritten signature in cursive script that reads "Bill Locke".

Bill Locke, P.E.
Water Quality Engineer

BL/jw

cc: Town of Granger
DEQ/WQD, Cheyenne



Book

*Department of Environmental Quality
Water Quality Division*

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

August 10, 1981

DeBernardi Bros., Inc.
514 G Street
Rock Springs, WY 82901

Re: Granger Gravel Pit "As Builts"
DEQ Reference No. 81-405

Dear Sir:

The above referenced "as built" plans submitted to this office on July 9, 1981 have been reviewed. Based upon this review and a phone conversation on August 10, 1981 with Mr. Alfred DeBernardi, in which he confirmed there will be no discharge of water to the Blacks Fork River, the plans have been found to be satisfactory. A "Permit to Construct" cannot be issued because the facilities have already been constructed.

Please be advised that before any construction or modification of any facility, capable of causing or contributing to pollution can take place, a "Permit to Construct" must first be issued. If you should become involved in such a construction in the future, you are expected to obtain the necessary permit.

This office considers this matter closed.

Yours truly,

Francis LaBarge
Water Quality Evaluator
Southwest District

FL:d1
8/13/81

cc: Jake Strohman - Engineering Control Supervisor, Cheyenne DEQ/WQD
John Wagner - Technical Support Supervisor, Cheyenne DEQ/WQD
Bud Preston - Land Quality Division, Lander
File (4)

PERMIT TO CONSTRUCT

New

Permit No. 81-406R

Renewal

Modified

STANSBURY MINE WATER RESERVOIR

(Name of Facility)

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

Stansbury Coal Co.

P.O. Box 2088

Rock Springs, WY 82901

to construct, install, or modify a reservoir to an off-channel two-cell mine

water reservoir

facility according to the procedures and conditions of the

application No. 81-406R. The facility is located in Sec. 24, T.20N., R.105W.

in the County of Sweetwater,

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

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, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

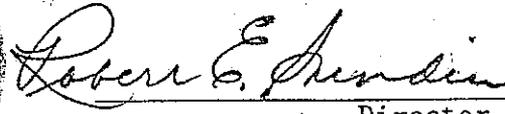
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

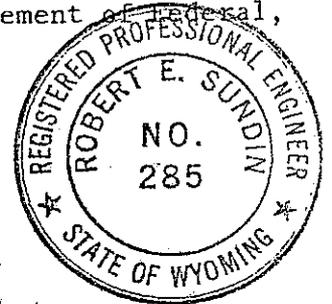
AUTHORIZED BY:


WILLIAM L. GARLAND
PE # 1479
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING

Administrator
Water Quality Division



Director
Dept. of Environmental Quality



August 3, 1981

Date of Issuance

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

AB:d1
7/31/81

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, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

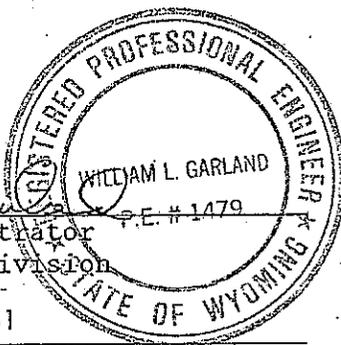
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

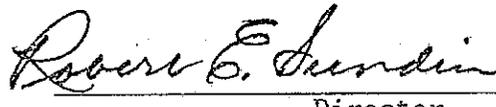
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

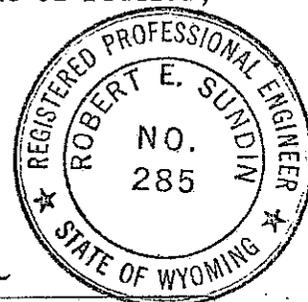


Administrator
Water Quality Division
August 3, 1981
Date of Issuance





Director
Dept. of Environmental Quality



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

AB:d1
7/31/81

7-20-81

Tony,

87-406 and 87-407

1. Due to the lack of aquifers there are probably no wells in the vicinity. But the engineer should verify that and state it in the application.

That's it.

Bill

Returned
plans w/ comments
to Lander 7/31/81

8-5-80

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-408

HOLLY SUGAR HOLDING POND EMBANKMENT
(Name of Facility)

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

Holly Sugar Corporation

PO Box 468

Worland, WY 82401

to construct, install, or modify a _____

holding pond embankment

_____ facility according to the procedures and conditions of the
application No. 81-408. The facility is located in _____

Sec. 35, T47N, R93W

_____ in the County of Washakie,

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

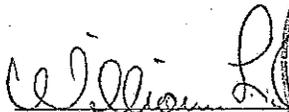
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

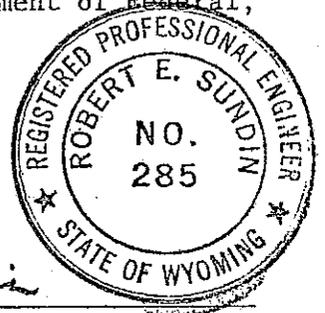
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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. # 1479
Administrator
Water Quality Division
STATE OF WYOMING


Director
Dept. of Environmental Quality



July 17, 1981
Date of Issuance

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

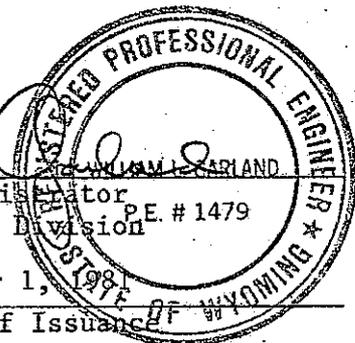
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

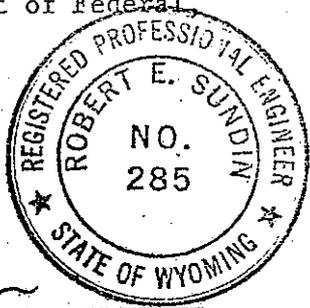
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


William J. [Signature]
Administrator
Water Quality Division P.E. # 1479
October 1, 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.

RR:nb
10/2/81

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Riverbend Subdivision

ENGINEER: Coon, King & Knowlton
5330 South 900 E.
Murray, UT 84117

OWNER: The Knowlton Group
428 South State Street
Salt Lake City, UT 84111

WATER QUALITY DIVISION REFERENCE NUMBER: 81-410

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: July 17, 1981

ACTION: Not authorized.

COMMENTS:

- 1) Material and construction specifications are needed. If the Wyoming Public Works Standards are used, they should be referenced on the first drawings.
- 2) A stamp or signature of a professional engineer registered in the State of Wyoming is needed on every drawing.
- 3) The overall sewer and water layout should be shown on a drawing such as sheet 3. Include location of fire hydrants, thrust blocks, manholes, valves and hookups to existing system.
- 4) Normally, we require that water line profile drawings be provided. In this case, you may just verify that six feet of cover will be maintained over the water lines and show the location of water crossings on the sewer profiles.
- 5) Calculations are needed to estimate the production of wastewater and to verify that the existing sewer that will be hooked into it can handle the peak (four times average) additional flow.

Review of Plans and Specifications - Riverbend Subdivision, #81-410

Date of Review - July 17, 1981

Page 2

6) Calculations are needed to verify that normal working pressure is at least 35 psi. in the water system, that 20 psi. can be maintained during fire flow and peak demand, and that fire flow (1,000 gpm.) can be provided at all fire hydrants.

7) Has a local fire official approved the location of the fire hydrants?

8) Blowoffs or flushing hydrants are needed at the dead ends of the water line on Riverbend Circle, Moran Drive, and Bridger Drive.

9) Does the sewer extend to the dead end on Moran Drive? If so, a cleanout is needed at the end of the sewer line. (If not, how will Lot #22 be served?)

10) Is there a sewer on Bridge Drive. It is not shown.

11) I suggest looping the water line at the ends of Moran and Bridger Drive, if possible.

12) Water valves:

a) The valve on Green River Way is shown on sheet 5 but not on sheet 7.

b) I suggest that another valve also be placed at the other end of Green River Way.

c) There should be an additional valve at the mid point of Riverbend Drive. Eight hundred feet is the minimum allowable spacing.

d) Is there a valve on the existing line on Bridger Drive?

RR:nb

7/23/81

xc: Rick Lemke

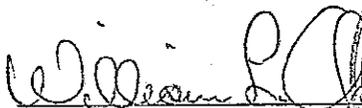
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

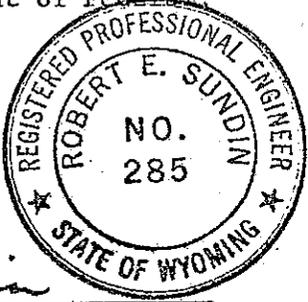
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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



Robert E. Sundin
Director
Dept. of Environmental Quality


July 17, 1981

Date of Issuance

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

JH:ch
7/17/81

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-412

Energy Development Company Wastewater Treatment Facility
(Name of Facility)

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

Energy Development Company

P. O. Box 600

Hanna, WY 82327

to construct, install, or modify a industrial flow measuring (v-notch weir) device facility according to the procedures and conditions of the application No. 81-412. The facility is located in Section 18, T22N, R82W 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.

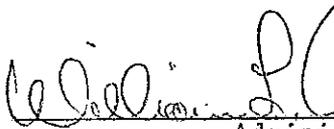
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

Administrator
Water Quality Division

August 3, 1981
Date of Issuance


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

Director
Dept. of Environmental Quality

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

cc: Arnold M. Hannum
P. O. Box 77
Hanna, WY 82327

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-413

See Special Condition

Wyoming Industrial Park
(Name of Facility)

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

Casper Board of Public Utilities

200 North David

Casper, WY 82601

to construct, install, or modify a potable water distribution system facility according to the procedures and conditions of the application No. 81-413. The facility is located in Section 4, 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.

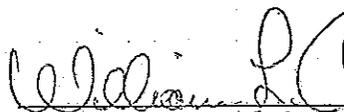
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

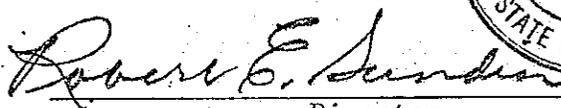
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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


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

August 3, 1981
Date of Issuance

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

cc: Bradley E. Bauer
Global Eng. & Land Sur.
P. O. Box 532
Casper, WY 82602

Conditions to Permit to Construct

There shall be an 18-inch minimum separation between all storm sewer and water main crossings. Also, the storm sewer shall be supported adequately to prevent undue stress on the water main.

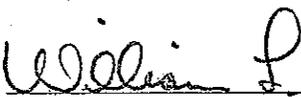
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming, 82801; telephone 672-6457.

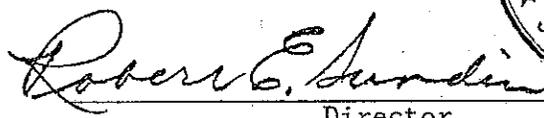
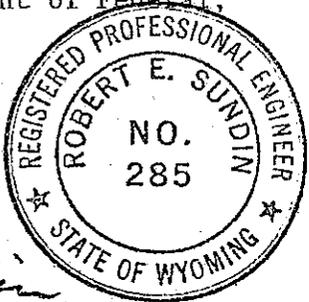
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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, E. # 1479
Water Quality Division

August 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.

xc: Mr. E. R. Andrews
Stearns-Rogers Engineering Corp.
4500 Cherry Creek Drive
Denver, Colorado 80217



81-444

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

MEMORANDUM

TO: Tom Muller, District Engineer

FROM: Richard J. Lennox, Engineering Evaluator *RJL*

DATE: July 27, 1981

SUBJECT: Application for Permit to Construct Wastewater Facilities at the Proposed North Rochelle Mine. DEQ/WQD Ref. No. 81-414, 81-448 thru 81-453

1. I have reviewed the subject application and offer the following comments:
 - a. For Wastewater Reservoir No. 1 and No. 2 there is no pond liner specified only that the liner will be determined later by a Geotechnical Engineer. The liner material/method should be specified prior to permit approval.
 - b. The Groundwater evaluation section is incomplete in that specific depths of wells are not presented, flow rate of wells that were able to be pumped is not given and more importantly, based on data presented, there is no way to determine groundwater flow system.
 - c. The major pond of concern is the Wastewater Reservoir No. 1 in that it will be handling industrial type waste. With this in mind and regardless of the type of liner used, a monitoring system would be appropriate in this area for groundwater protection.
2. If you have any questions, please contact me at 777-7090.

RJL/nc
(8/6/81)

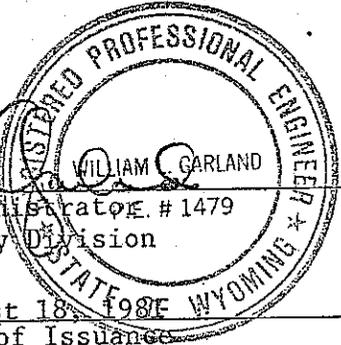
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

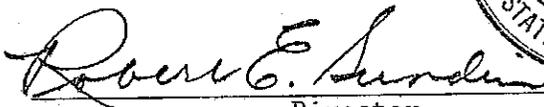
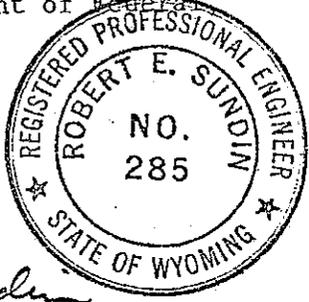
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 # 1479
Water Quality Division
August 18, 1988
Date of Issuance

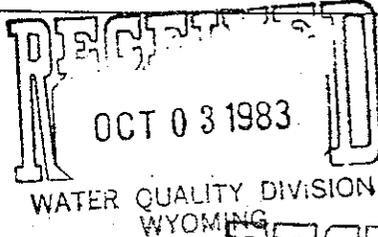


Director
Dept. of Environmental Quality

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

xc: Roger Harrington
Merrick & Company
P.O. Box 22026
Denver, CO 80222

Nix Anderson, County Sanitarian
1200 East 3rd Street
Casper, WY 82601

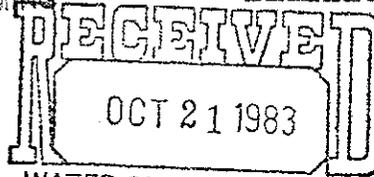
NERCO MINING COMPANY
WESTERN DIVISION
P.O. BOX 4000
SHERIDAN, WYOMING 82801
TELECOPIER 307-672-0906
TELEPHONE 307-672-0451



81-416R

September 21, 1983

Mr. Al Berreth
165 E. Railroad Ave.
Green River, WY 82935



RE: Bridger Coal Company
Permit to Construct Cancellation/Withdrawal

Dear Mr. Berreth:

Due to the implementation of Alternate Sediment Control at the Jim Bridger Mine, many of the current Permits to Construct and a number of pending applications are now obsolete. To avoid confusion and future unnecessary paperwork, Bridger Coal Co. wishes to withdraw the pending applications and cancel current permits identified with this letter.

Current Permits

Bridger Coal Company requests cancellation of Permit No. 81-237R (Phase I) which encompasses initial construction of sediment ponds JB-20 through JB-36 and Permit No. 81-416R, which includes ponds JB-7, 9, 10, 11, 101A through K and 102 A through K.

In addition, Bridger Coal Company requests deletion of the following ponds from Permit No. 81-536 Phase II:

JB-20, 22, 23A, 23B, 25, 26, 28, 29A,
29B, 30, 31, 32, 34,

and 201-A, C, D, E, and F

Note that we wish to retain JB-27, 36, 37 and 201B on Permit No. 81-536 Phase II.

Pending Applications

Bridger Coal Company submitted Permit to Construct applications for 65 sediment ponds on September 23, 1982. These ponds were identified in 20 separate applications which Bridger Coal Company wishes to withdraw at this time.

82-593 thru 82-657

Ponds Less Than 2 AC.FT. Capacity
NERCO Pond I.D. No

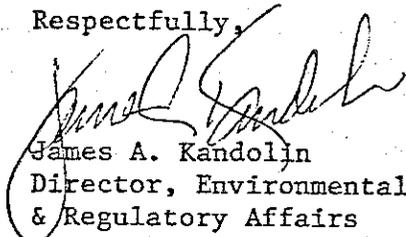
JB-104-A
JB-108-A
JB-104-B
JB-104-C
JB-104-D
JB-104-E
JB-104-F
JB-104-G
JB-105-A
JB-105-B
JB-105-C
JB-106-A
JB-106-B
JB-106-C
JB-106-D
JB-106-E
JB-106-F
JB-106-G
JB-106-J
JB-107-A
JB-107-B
JB-107-C
JB-107-D
JB-107-E
JB-108-B
JB-108-D
JB-108-H
JB-108-I
JB-108-J
JB-108-K
JB-108-L
JB-108-M
JB-108-N
JB-108-O
JB-108-P
JB-108-Q
JB-108-R
JB-108-S
JB-109-A
JB-109-B
JB-43
JB-52
JB-53
JB-54
JB-55
JB-56

Ponds Greater Than 2 AC.FT. Capacity
NERCO Pond I.D. No.

JB-38
JB-39
JB-42
JB-44
JB-45
JB-46
JB-47A
JB-47B
JB-48
JB-49
JB-50
JB-51
JB-29A
JB-32
JB-34B
JB-37
JB-201A
JB-201E

If you have questions or require additional information, please call.

Respectfully,


James A. Kandolin
Director, Environmental
& Regulatory Affairs

BNN/lm

cc: Rick Engelmann

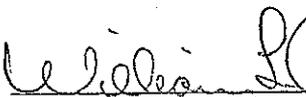
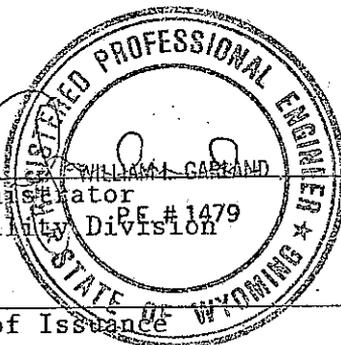
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

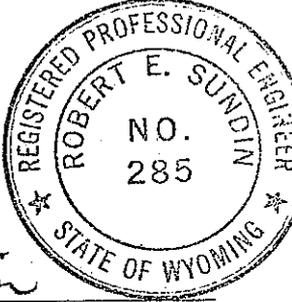
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:


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

June 5, 1983
Date of Issuance


ROBERT E. SUNDIN
Director
Dept. of Environmental Quality


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

* The following condition applies to all Sediment Ponds which will individually contain less than 2.0 acre-feet of runoff and which will be individually less than 2.0 acres in surface area and are located off channel (i.e., JB101-A through K and 102-A through K, and any additional ponds that may be required which comply with the above definition and are within the drainage area defined in this permit.)

"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, b) certification that the facility was constructed to meet the approved design requirements and sizing criteria."

AJB:crb

9-2-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-416R

* Note Conditional Statement on reverse side.

JIM BRIDGER MINE
(Name of Facility)

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

Bridger Coal Company
P.O. Box 2068
Rock Springs, WY 82901

to construct, install, or modify a Sediment Control Ponds JB7, 9, 10, 11, 101-A through K and 102-A through K

_____ facility according to the procedures and conditions of the

application No. 81-416R. The facility is located in Sec. 3, 4, 5, 6, 8, 9, 10, 11, 13, 14, 15, 22, 23, 26, 27, 36, T 20N, R. 100W; Sec. 2, 3, 11, 12, T. 20N, R.101W; Sec. 7, 16, 17, 18, 19, 20, 21, 22, 26, 27, 28, 29, 30, 33, 34, 35, 36, T.21N, R. 100W; Sec. 2, 3, 10, 11, 12, 13, 14, 25, 36, T. 21N, R. 101W.

_____ in the County of Sweetwater,

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

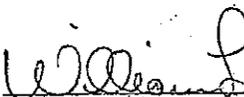
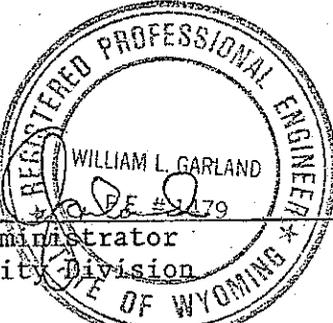
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

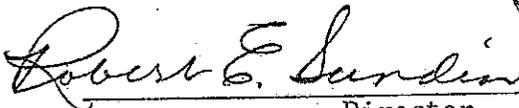
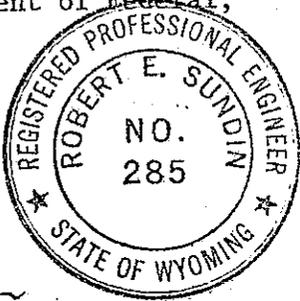
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
PE # 1179
Administrator
Water Quality Division
STATE OF WYOMING



ROBERT E. SUNDIN
Director
Dept. of Environmental Quality

August 25, 1981
Date of Issuance

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

* The following condition applies to all Sediment Ponds which will individually contain less than 2.0 acre-feet of runoff and which will be individually less than 2.0 acres in surface area and are located off channel (i.e., JB101-A through K and 102 A through K, and any additional ponds that may be required which comply with the above definition and are within the drainage area defined in this permit.)

"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, b) certification that the facility was constructed to meet the approved design requirements and sizing criteria."

FL:nb
8-25-81

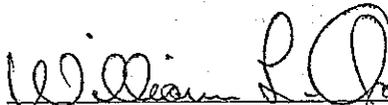
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

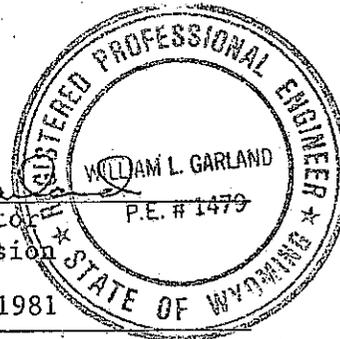
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

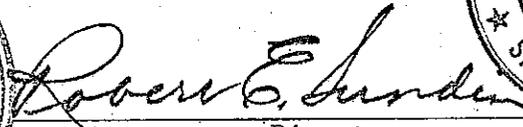
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

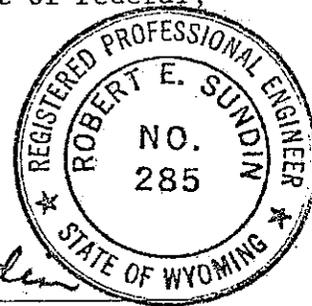
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


Administrator
Water Quality Division




Director
Dept. of Environmental Quality



July 14, 1981

Date of Issuance

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

MRC:nb
7/15/81

9-2-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-418R

Chevron Astoria Unit Federal 1-21
(Name of Facility)

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

Chevron U.S.A., Inc.
PO Box 599
Denver, CO 80201

to construct, install, or modify a collection line and holding tank

facility according to the procedures and conditions of the application No. 81-418R. The facility is located in Sec. 21, T39N, R116W

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

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

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

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

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

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.

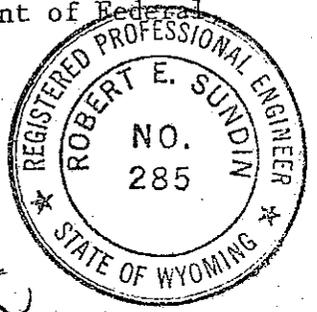
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
August 24, 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.

AJB/ch
8/25/81

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Chevron Astoria Unit Federal 1-21

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

OWNER: Chevron, USA, Inc.
P.O. Box 599
Denver, CO 80201
ATTN: Louis Kirkpatrick

WATER QUALITY DIVISION REFERENCE NUMBER: 81-418

REVIEWING ENGINEER: Al Berreth *ajf*

DATE OF REVIEW: July 31, 1981

ACTION: Not authorized.

COMMENTS:

Before a "Permit to Construct" can be obtained, the following items must be addressed.

1. Please specify and detail the holding tank you intend to use. If a steel tank is used, the coatings need to be specified.
2. Please note minimum distances which must be maintained.
3. Lines need to be sloped one fourth inch per foot at a minimum. Cover needs to be at least four feet.
4. A six inch collector line is needed.
5. Riser details are needed.
6. If more than 10 water service connections are made, a permit is required.
7. Please be definite in the number of hookups made as your permit will reflect what you show and changes would be a violation. However, you can modify the permit should you need to add further connections.
8. Please obtain an updated letter from Mel Webb in Jackson.

AB:dl

cc: Al Reuter, Bridger Teton National Forest
Joe Chalfant

Jake Strohman - Cheyenne DEQ/WQD File (4)

A.B.C.

10-13-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-419R

Jamestown-Rio Vista Water Treatment Plant
(Name of Facility)

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

Jamestown-Rio Vista Water and Sewer District

20 East Flaming Gorge Way

Green River, WY 82935

to construct, install, or modify a river intake, 500 GPM water treatment plant, water distribution system, and 100,000 gallon storage tank facility according to the procedures and conditions of the application No. 81-419R. The facility is located in Sec. 8, T18N, R107W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

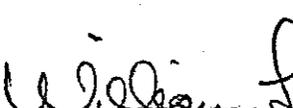
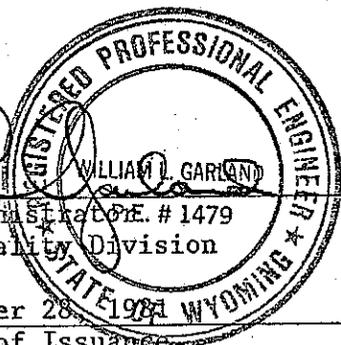
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

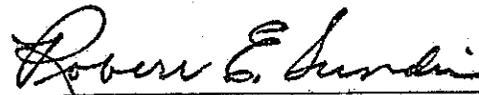
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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
Administrative # 1479
Water Quality Division
September 28, 1981
Date of Issuance



Director
Dept. of Environmental Quality

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

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Jamestown Rio Vista Water

ENGINEER: Dave Violette
Sweetwater Engineering
175 Riverview Dr. Suite D
Green River, WY 82935

OWNER: Jamestown-Rio Vista Water & Sewer District
c/o Cal Ragsdale
20 E. Flaming Gorge Way
Green River, WY 82935

WATER QUALITY DIVISION REFERENCE NUMBER: 81-419

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: August 13, 1981

ACTION: Not authorized.

COMMENTS: The following items need to be addressed before a permit to construct can be issued.

General

1. Has a 401 permit from the State and a 404 permit from the Corps of Engineers been obtained for the dredging of the river. They should be included in your submittal.
2. Normally, we like to see an Engineer's Report submitted as a separate document along with the plans and specifications.

I refer you to the enclosed edition of Recommended Standards for Water Works. The report should contain the information marked under Parts 1.0 and 1.1 along with the following:

- a. Design life of the system.
 - b. Design flow and pressure in the distribution pipes to justify selected pipe size and class, and to verify needed demand can be met.
 - c. Chemical, bacti, and turbidity analysis of the raw water.
(EPA requires an organic analysis of surface water sources)
3. Have the plans been approved by the city and/or county?

Intake Structure

1. Why is a ten inch line used for the plant intake and a 16 inch for the plant outlet?
2. Is just one pump provided at the cofferdam? What are the piping details between wells? Pipes should meet the C-900 spec.
3. Is flow measuring provided?
4. Refer to Part 3.1, 3.2 of enclosed document.

Treatment Plant

1. Are valves provided for the backwash drain and recycle lines going to and from the ponds?
2. What do the pond linings consist of?
3. Are the ponds meant to serve as settling basins? The decant structure is on the pond bottom.
4. Is there any finished water storage at the plant?
5. How is sludge collected and removed from the sedimentation basin?
6. Pump curves are needed for all pumps.
7. Is emergency backup power provided?
8. I cannot find a numbered parts list from Intermountain to correspond with sheet 32.
9. Is appropriate lab and testing equipment provided?
10. More detail is needed for the plant design, processes, piping, flow schematics, etc. Intermountain, and/or you should provide complete details. Again, I refer you to part 1,2 of the enclosed document for the items that need to be addressed. Especially helpful would be larger drawings for separate units, schematic flow diagrams, hydraulic profiles, and complete valving and piping.

Also refer to Part 4 and 5 to see what the review, in part, will be based on. I draw your attention specifically to Part 4.1.6.
11. The plant will be required to be on EPA's monitoring plan. EPA should be contacted in this regard.
12. Holding tanks for wastes are unacceptable for anything but temporary (less than six months) facilities. A septic system will have to be installed.

Distribution System

1. Please include the existing water lines to be used on the overall plan sheet so I can see the entire layout and ensure proper looping is maintained. Please include location of valves and blowoffs.
2. Has a local fire official approved the locations of the fire hydrants?
3. Calculations are needed to verify that 35 psi can be maintained as normal operating pressure in the system, that 20 psi can be maintained during fire flow and peak demand, and that fire flow (1000 gpm) can be provided to all fire hydrants.

Ensuring that needed flow (both now and anticipated demand for the future) can be met for the two inch lines should also be addressed, A Hardy-Cross analysis is appropriate.

4. More detail should be provided for the road crossings - typical drawing, material specifications for the casings.
5. Shouldn't there be a drain at the low point of profile AA? (Sheet 14 6" on Johnson Way).
6. The location of the valves and tees should be shown on the water profile drawings. Horizontal station data should also be provided.

Water Tank

1. Calculations are needed to justify the size of the water tank. The volume should be equal to two hours of fire flow plus two hours of peak demand plus an operating range of 20-30%.
2. Can you provide more detail on the inlet and outlet to the tank - how the pipes enter the tank, details of the flange connections, the purpose of the sump underneath the tank, the purpose of the five inch line from the tank, the location of the overflow pipe, valving details for the pipes? Why is the inlet line reduced to 12 inches?
3. What type of level control will be used in the tank? Show the location of probes on the tank profile. There should be a high level and low level probe and low level and overflow alarms or warnings.

If a DP cell is used for level control, please provide specifications and installation details, and indicate at what level the water will be maintained. Low level and high alarms are still needed. Is backup power provided for the DP cell?

4. Can the tank be drained without necessitating loss of pressure in the distribution system?
5. The vent and access opening should be shown on the tank drawing. The access needs to be 24 inches in diameter, framed six inches above the roof, have a water tight cover extending down around frame at least two inches, and have a locking device.



STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002
August 2, 1982

TELEPHONE 307 777-7781

Mr. David W. Mills
Senior Environmental Analyst
Utah Power and Light Company
PO Box 899
Salt Lake City, Utah

Re: Application #81-420RR
Consent Decree Docket Number 6389

Dear Mr. Mills:

The Division has reviewed Utah Power and Light's "Groundwater Monitoring Report," and has prepared comments, which are enclosed.

If you wish to discuss the contents of the enclosed memorandum, please contact either W.S. Ewen at 307/777-7089, or the undersigned at 307/777-7095.

Sincerely,

A.J. Mancini
Groundwater Control Supervisor

AJM/kb

Enclosure

cc: Marion Yoder, Attorney General's office
Water Quality Division, Lander

Norma

Water Quality Division
Groundwater Section
Permit Application Review

Application Number # 81-420 RR [Consent Decree
Docket No. 0329]

Date submitted for review 6-23-82

Name and location of facility UTAH POWER & LIGHT, NAUGHTON
PLANT ASH POND GROUNDWATER MONITORING
REPORT

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

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

Signed W.S. Duran
Title Engr. Evaluator
Date 7-28-82

Review Approved X Not Approved _____
7/30/82 (Date) [Signature] (Signed)

Groundwater Control Supervisor



Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002
M E M O R A N D U M

TELEPHONE 307 777-7781

TO: Tony Mancini
FROM: W.S. Ewen *WSE*
DATE: July 30, 1982
SUBJECT: Utah Power and Light's Naughton Plant Ash Pond Groundwater Monitoring Report - #81-420RR

I have the following questions and comments pertaining to the subject report. They are arranged in the same format as the October 30, 1981 letter from David Mills which formed the basis for the report as stated in the consent decree.

This additional information is needed before I can complete the review of the report.

I. Background and Purpose of Study

No Comments

II. Hydrogeologic Setting of Study Site

- 1) What is the source of the sandy, clayey material lying above the claystone bedrock? It is weathered shale? It is alluvial?
- 2) No velocity or direction of groundwater movement is given.
- 3) No water table map is provided.

III. Groundwater Quality Monitoring System

- 1) Please provide the methodology and data used to calculate the transmissivities and coefficients of permeability in Figures 11 and 12 of the Chen report.
- 2) There are many apparent discrepancies and/or typographical errors in the App. C and Ford Chemical Lab sample data:
 - a) Why are all the 12/81 TDS analyses in App. C different from those obtained by Ford Chemical Lab in the Chen report?
 - b) The laboratory used and the sampling technique used for all the App. C data should be noted in the report. Were 2 casing volumes evacuated prior to sample each well?

Memo To: Tony Mancini
Page Two
July 30, 1982

- c) Why was ion balance information not included for the sample analyses in the Chen report?
- 3) Why was well E12 not placed immediately southeast - topographically downgradient - of the #2 Ash Pond?
- 4) It should be noted that after DEQ completes the review of the Groundwater Monitoring Report additional monitoring wells may be required.
- 5) Why was ash pond water used for drilling fluid? The resulting contamination may never be eliminated.
- 6) The groundwater elevations shown on drawing #68659 do not correspond to the data in the report. Please explain.
- 7) Can you speculate on the cause of the very high aluminum content in all the earlier samples?

IV. Wastewater Characterizations

- 1) Why are there no cation analyses on the pond waters?
- 2) No pond influent and effluent flows were submitted.
- 3) No chemical and radiometric tests results were submitted on Naughton Plant coal and ash.
- 4) Are the wastewater characterizations complete, including any organics or priority pollutants that may be present?

V. Summary and Conclusions

- 1) No water table plot of piezometric surfaces was submitted.
- 2) Why were no calculations performed to predict the seepage losses from the ponds?
- 3) Discussion of the possibility of groundwater communication with the ash pond water is not complete.

After the above questions and comments have been addressed I will complete my review of the report's conclusions and recommendations.

Sheyenne ✓

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: UTAH POWER & LIGHT COMPANY NAUGHTON PLANT-ASH POND # 1

ENGINEER: Utah Power & Light Company
P.O. Box 899
Salt Lake City, Utah 84110
Attn: John R. Kunz

OWNER: Utah Power & Light Company
P.O. Box 899
Salt Lake City, Utah 84110
Attn: David Mills

WATER QUALITY DIVISION REFERENCE NUMBER: 81-420R

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

DATE OF REVIEW: November 10, 1981

ACTION: Not authorized.

COMMENTS: A review of your November 5, 1981 reply concerning the amount of runoff and sediment volumes being deposited in the South Ash Pond has been completed. Before a permit can be issued for the dike modifications the following information is required.

1. Please provide the calculations used to arrive at the sediment and runoff volumes. All coefficients in the equations must be justified with the necessary information.
2. Three copies of the topographic map, signed by a registered engineer are needed.

Please submit the required information and revised maps to this office, in triplicate. Upon receipt of a satisfactory reply a permit to modify the South Ash Pond dike will be issued. If you have any questions, please call me.

FL/dl
11/10/81

A.C

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

CERTIFIED MAIL

PROJECT: Utah Power & Light Company Naughton Plant - Ash Pond #1

ENGINEER: Utah Power & Light Company
P.O. Box 899
Salt Lake City, UT 84110
ATTN: John R. Kunz

OWNER: Utah Power & Light Company
P.O. Box 899
Salt Lake City, UT 84110
ATTN: Thomas W. Forsgren

WATER QUALITY DIVISION REFERENCE NUMBER: 81-420

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

DATE OF REVIEW: July 9, 1981

ACTION: ~~Not authorized~~ "AS BUILTS" NOT APPROVED.

COMMENTS: A review of your June 26, 1981 submittal, received in this office on July 6, 1981, has determined it to be incomplete. The following additional information, etc., is required to conduct a detailed review in order to determine if the facility in question complies with minimum standards as defined by the State of Wyoming.

- 1) An "Application for Permit to Construct" (form enclosed) must be completed. Since construction of the dike has begun without a "Permit to Construct" being issued, do not sign the application.
- 2) All correspondence, plans, specifications, etc., must be in triplicate.
- 3) The plan sheets must be stamped or signed by an engineer registered in the State of Wyoming. His license number must be included.
- 4) Ash Pond #1 collects surface runoff waters, therefore it must comply with Chapter X of the Wyoming Water Quality Rules and Regulations (copy enclosed). Also enclosed is a memorandum on "Guidelines on Construction Authorization for Sediment Control Structures and Ponds at Surface Mining Operations." Please submit the information as requested in the guidelines. Upon receipt of this information, a determination will be made to see if the pond complies with these guidelines and Chapter X. The submittal must include an estimate of sediment volume, runoff volume, definition of the drainage area, etc. The Universal Soil Loss Equation and the SCS Triangular Method are accepted methods for these determinations. Include all calculations.

A.C

Review of Plans and Specifications

Utah Power & Light Company Naughton Plant - Ash Pond #1

Date of Review - July 9, 1981

Page Two

- 5) All applicable information requested in "Guidelines for Wastewater Pond Construction Permit Applications Requiring Liners" (copy enclosed) must be furnished. This will entail a groundwater study in the area of the pond and a physical and chemical analysis of the pond contents. If you have any questions as to how to conduct this investigation, please contact me or Mr. Tony Mancini, Groundwater Control Supervisor, in Cheyenne, at 777-7095. Basically, you must show this department that the groundwater is being adequately protected. If it is determined, from your report, that it is not being adequately protected, we will request certain modifications. These could include a liner, leak detection system, monitoring wells, etc. Enclosed for your information and reference are Chapter VIII, Quality Standards for Wyoming Groundwaters, and Chapter IX, Wyoming Groundwater Pollution Control Permit.
- 6) Complete and detailed material and construction specifications are required.
- 7) A detail is needed of the waste liquor pipeline including exactly how the pipe is raised.

Your reply should consist of three distinct parts:

- a) An engineering report which contains all calculations, background data, studies conducted, etc.
- b) A detailed set of material and construction specifications.
- c) A complete set of plans.

Upon receipt of this additional required information, a complete review will be conducted. If it is determined that the facilities do not meet State standards, a review letter will be sent requesting certain modifications be made to the plans. Upon satisfactory receipt of the revised plans, a permit to modify the facilities will be issued and compliance will be expected within a certain time frame.

Please submit the required information, reports, drawing, etc., in triplicate, to this office within thirty (30) days of your receipt of this letter. If you have any questions, please contact me at this office.

FL:nb

Enclosures (6)

xc: Jake Strohman, Engineering Control Supervisor, Cheyenne DEQ/WQD

Tony Mancini, Groundwater Control Supervisor, Cheyenne DEQ/WQD

Marion Yoder, Assistant Attorney General

7/9/81

*Department of Environmental Quality**Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

November 4, 1981

Mr. David Mills
Utah Power and Light Company
P.O. Box 899
Salt Lake City, UT 84110

RE: Naughton Ash Pond, DEQ/WQD Ref.
No. 81-420

Dear Mr. Mills:

The proposed groundwater study at the Naughton Power Plant, as described in your October 30, 1981 letter to Mr. Tony Mancini, is acceptable to this Department.

There is one item in your letter concerning the South Ash Pond, which should be clarified. Upon receipt of the information on runoff volume and sediment load, a permit will be issued to Utah Power and Light for modifications to the South Ash Pond dike in accordance with the approved plans and specifications. This will not be a permit for the South Ash Pond, as might be inferred from your letter.

Yours truly,

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

Francis LaBarge
Water Quality Evaluator
Southwest District

FL:nb

Copy: Tony Mancini, Groundwater Control Supervisor, Cheyenne DEQ/WQD
Marion Yoder, Assistant Attorney General
File (2)

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.

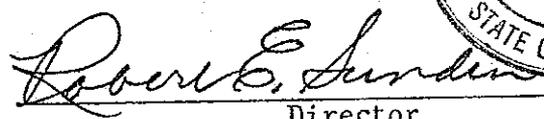
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

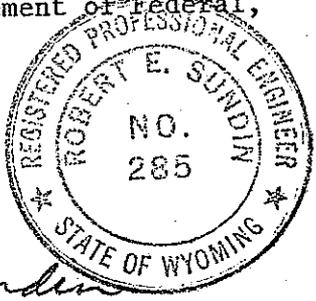
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
STATE OF WYOMING
December 10, 1981
Date of Issuance


ROBERT E. SUNDEN
Director
Dept. of Environmental Quality



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

FL:nb
12/10/81

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Fox Point Condominiums

ENGINEER: Castle Engineering, Inc.
914 South State Street
Orem, UT 84057
ATT: Doug Little

OWNER: Resort Const. & Devel. Co.
PO Box 264
Park City, UT 84060

WATER QUALITY DIVISION REFERENCE NUMBER: 81-421

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: July 21, 1981

ACTION: Not authorized.

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

1. A letter is needed from the City of Evanston. The City's Engineer must also review the plans and his concerns must be addressed.
2. The waterlines need to have six feet of cover to the top of pipe.
3. Please note on the plans the minimum horizontal and vertical separation requirements for water and sewer.
4. The four inch line shown in the southwest corner of the architectural drawing is not shown on the engineering drawings.
5. The approval for Brook Hollow II has not yet been given.
6. Calculation on the adequacy of system during fire flow are needed.
7. Is this system to be constructed on conjunction with Brook Hollow II? That is, will the water and sewer connections be merely extensions made during construction of Brook Hollow II? Please distinguish between Brook Hollow waterlines and Fox Point waterlines.

Review of Plans and Specifications
Fox Point Condominiums
Date of review - July 21, 1981
Page 2

8. The waterline crossings must be shown on the sewerline profile.
9. Normally, waterline profiles are required; however, this system is relatively level and small, and so, profiles should not be needed.
10. It is my understanding that water storage capacity is sufficient for Brook Hollow only. You will need to address the adequacy of the existing storage for this subdivision in addition to Brook Hollow.
11. Normally, 3.5 people per unit are used in estimating water and sewage flows. Please note your rational for using three.
12. Please note your rational for using 120 gpcd. Do you expect lawn watering to be minimal?

AB:ch
7/22/81

xc: ✓ Wayne Sheperd
DEQ/WQD, Cheyenne
File (4)

PERMIT TO CONSTRUCT

New

Permit No. 81-421R

Renewal

Modified

FOX POINT CONDOMINIUMS

(Name of Facility)

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

Resort Const. & Devel. Co.

PO Box 264

Park City, UT 84060

to construct, install, or modify a _____

water distribution sewage collection system

_____ facility according to the procedures and conditions of the

application No. 81-421R. The facility is located in _____

Sec. 28, T15N, R120W

_____ in the County of Uinta,

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

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

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

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

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

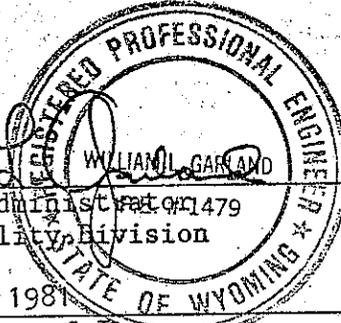
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

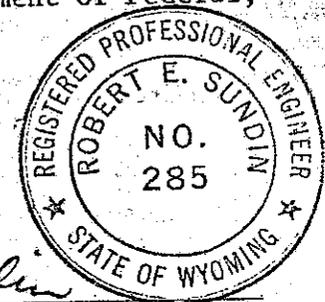
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the name "WILLIAM GARAND" and the number "1479".
William Garand
Administrative 1479
Water Quality Division
October 16, 1981
Date of Issuance

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the name "ROBERT E. SUNDIN" and the number "285".
Robert E. Sundin
Director
Dept. of Environmental Quality

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

AB:ch
10/16/81



Department of Environmental Quality
Water Quality Division

210 Lincoln

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 16, 1981

Resort Const. & Devel. Co.
PO Box 2572
Park City, UT 84060
ATT: Marc Hatch

RE: #81-421R Foxpoint Condominium

Dear Mr. Hatch:

Your letter of October 7, 1981 was received by us on October 26, 1981. I apologize for not contacting you sooner. Additional information is needed. Drawings reflecting the changes in the sewer system need to be submitted in triplicate. These drawings need to include profiles. A new application also needs to be submitted as these changes are too extensive to be handled by a change order.

Should you have any question, please feel free to contact me.

Respectfully,

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

Albert J. Berreth
Southwest District Engineer

AJB:ch

cc: Cheyenne DEQ/WQD
Wayne Shepherd, City Engineer, Evanston
File (4)

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-422

F. F. C. R. CORPORATION ALMY STORE
(Name of Facility)

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

F. F. C. R. Corporation

P.O. Box 435

Evanston, Wyoming 82930

to construct, install, or modify a _____

Septic tank/Leach field

_____ facility according to the procedures and conditions of the

application No. 81-422. The facility is located in _____

NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 12, T. 16N, R. 121W.

_____ in the County of Uinta,

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

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.

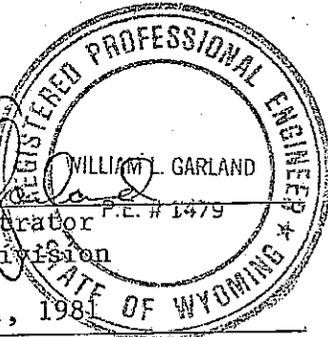
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

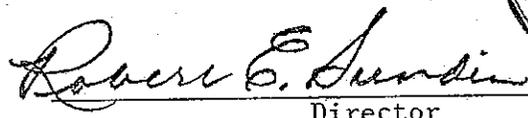
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

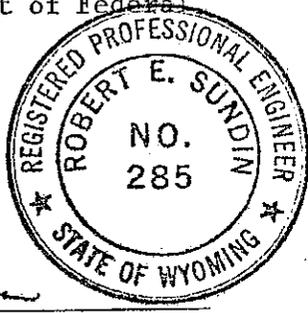
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
P.E. # 1479
Administrator
Water Quality Division
August 3, 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.

RR:nb
7/24/81

PERMIT TO CONSTRUCT

M 8 - 2 - 81

New

Permit No. 81-423R

Renewal

Modified

NEAR ADDITION

(Name of Facility)

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

Kenneth Near

c/o Carlton & Carlton PO Box 435

Evanston, WY 82930

to construct, install, or modify a sewage & water collection system and lift station

facility according to the procedures and conditions of the

application No. 81-423. The facility is located in

Sec. 33, T16N, R115W

in the County of Uinta,

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

years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

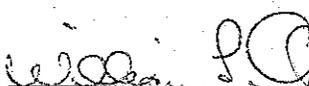
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

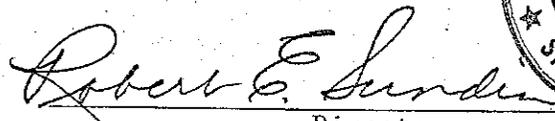
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:


WILLIAM L. GARLAND
P.E. # 1479
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING

Administrator
Water Quality Division


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

Director
Dept. of Environmental Quality

August 3, 1981

Date of Issuance

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

AB;ch
7/30/81

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144



PROJECT: Near Addition

ENGINEER: Carlton & Carlton Associates
P.O. Box 435
Evanston, WY 82930
ATTN: Kevin Jones

OWNER: Kenneth Near
Ft. Bridger, WY 82933

WATER QUALITY DIVISION REFERENCE NUMBER: 81-423

REVIEWING ENGINEER: Al Berreth *aj*

DATE OF REVIEW: July 27, 1981

ACTION: Not authorized.

COMMENTS: Before a "Permit to Construct" can be issued, the following points must be addressed:

1. An application form needs to be filled out. Form is attached. Three copies of plans and specifications are needed.
2. An application for State Certification for Activities Requiring U.S. Army Corps of Engineers Dredge and Fill Permits is attached. You will need to contact Mike Carnevale, 1111 E. Lincolnway, Cheyenne, WY, 82002, telephone 777-7081. He can provide you with more details on the exact requirements.
3. Please note minimum depth of cover on drawing for water.
4. Please note horizontal separation requirements.
5. Do you anticipate the need to dewater during construction? If so, you should contact John Wagner (777-7082) about the possible need for a temporary discharge permit (form attached).
6. What about service connections? Details of what you are installing are needed.

A, B, C

7. The mobile home spaces need to have the proper water and sewer risers installed.
8. On the plan sheet, please delineate the area for mobile homes.
9. What is the depth to groundwater?
10. How much of the future expansion to the east will make use of the lift station? Will it be possible to accommodate this growth with the planned lift station?
11. What services are existing on the 8-inch concrete line? How soon are the additional services expected?
12. When will the 10-inch line be installed?
13. Please capsule your fire flow analysis for your worst case fire hydrant.
14. Will these homes have basements? Will the surcharged lines during a lift station breakdown cause flooding in basements?
15. Will lift station motor backspin be harmful?
16. What interior piping material is to be used for the lift station?
17. Will groundwater infiltration be a potential problem? What precautions will be taken to ensure minimal infiltration?
18. Letters are needed from the Ft. Bridger Sewer District and the Bridger Valley Joint Powers Water Systems stating the adequacy of these systems to provide the minimum services required and the willingness to do so.
19. The Ft. Bridger District has assured us that the letter of commitment is in the mail. We expect that the letter will be in hand by the time your response is received.

AB:nb

7/27/81

xc: Cheyenne DEQ/WQD ✓

John Wagner

Mike Carnevale

File (4)

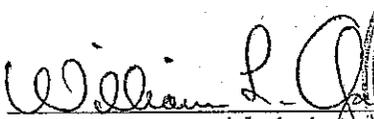
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

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

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

AUTHORIZED BY:

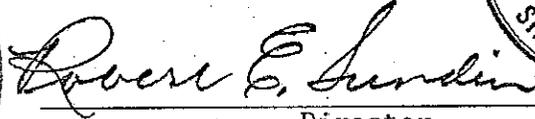


WILLIAM L. GARLAND
P.E. # 1479
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING

Administrator
Water Quality Division

July 14, 1981

Date of Issuance



ROBERT E. SUNDIN
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.

MRC:nb
7/15/81

8-5-81

PERMIT TO CONSTRUCT

New

Permit No. 81-425

Renewal

Modified

WATER SYSTEM FOR FIRST ADDITION TO SOUTH CIRCLE ESTATES

(Name of Facility)

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

Ten Sleep Cattle Company

Ten Sleep, Wyoming 82410

to construct, install, or modify a water distribution system

facility according to the procedures and conditions of the

application No. 81-425. The facility is located in

Sec. 8, T. 48 N, R. 88 W.

in the County of Washakie,

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

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

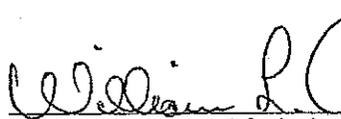
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

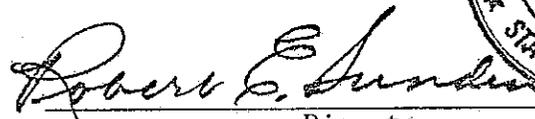
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

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

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

AUTHORIZED BY:


WILLIAM L. GARLAND
P.E. # 1479
Administrator
Water Quality Division
STATE OF WYOMING
July 15, 1981
Date of Issuance


ROBERT E. SURDIAN
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.

It is understood that the specifications for South Circle Estates, 80-261, will apply to this Permit.

JCH:nb
7/15/81

4-13-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-426RRR

Marion Aimone Mobile Home Park North
 (Name of Facility)

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

Marion Aimone

Ft. Bridger, WY 82933

to construct, install, or modify a _____

water distribution and sewage collection systems

_____ facility according to the procedures and conditions of the

application No. 81-426RRR. The facility is located in _____

Sec. 33, T16N, R115W

_____ in the County of Uinta,

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

years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

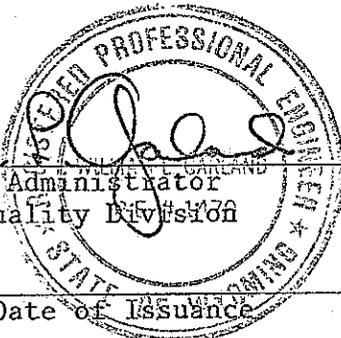
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

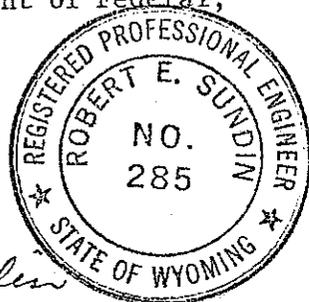
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER", "STATE OF WYOMING", and "NO. 285". The name "William J. Jones" is written in cursive across the seal.
William J. Jones
Administrator
Water Quality Division
March 29, 1982
Date of Issuance

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER", "STATE OF WYOMING", and "NO. 285". The name "Robert E. Sundin" is written in cursive across the seal.
Robert E. Sundin
Director
Dept. of Environmental Quality

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

AJB:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Marion Aimone Mobile Home Park North

ENGINEER: Rocky Mountain Engineering & Surveying, Inc.
P.O. Box 805
Evanston, Wy 82930
ATTN: Dale E. Peterson

OWNER: Marion Aimone
Ft. Bridger, WY 82933

WATER QUALITY DIVISION REFERENCE NUMBER: 81-426

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: July 22, 1981

ACTION: Not authorized.

COMMENTS: The following questions and comments need to be addressed prior to the issuance of a "Permit to Construct."

1. On sheet 1 of 4, an eight-inch cross is specified and a six-inch cross is shown. Please explain.
2. The "note" on the water and sewer riser detail sheet states that the risers "should be" five feet apart. This is a minimum requirement and needs to read, "must be."
3. Three copies of the plans and engineering reports are needed.
4. Letters are needed from the Ft. Bridger Sewer District and the Bridger Valley Joint Powers Water Systems stating the adequacy of these systems to provide the minimum services required and the willingness to do so.
5. Chapter III of the engineering report refers to, "ASTM3035." This appears to be a misprint.
6. The Ft. Bridger District has assured us that the letter of commitment is in the mail. We expect that the letter will be in hand by the time your response is received.

AB:nb

7/23/81

XC: Carlton & Carlton; Cheyenne DEQ/WQD; File (4)

8-5-81

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-427

Willard McMillen Warehouse
(Name of Facility)

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

Willard McMillen

P. O. Box 53

Douglas, WY 82633

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-427. The facility is located in Section 17, T32N, R71W in the County of Converse, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

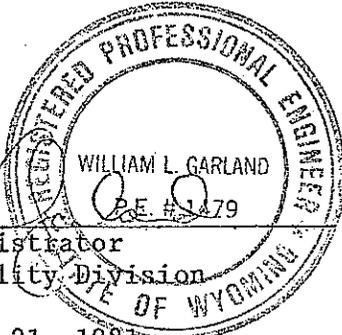
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

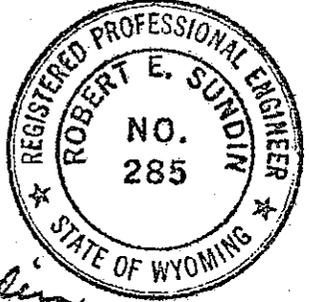
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:



WILLIAM L. GARLAND
P.E. # 1479
Administrator
Water Quality Division
STATE OF WYOMING
July 21, 1981
Date of Issuance



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

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

cc: John A. Lambert, P.E.
Box 34
Douglas, WY 82633

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-428R

Ref. No. 80-555RR

Arch Mineral Corp. - Seminole II Mine
(Name of Facility)

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

Arch Mineral Corporation

P.O. Box 530

Hanna, WY 82327

to construct, install, or modify a potable water supply facility according to the procedures and conditions of the application No. 81-428R. The facility is located in Sections 8 and 9, T22N, R81W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

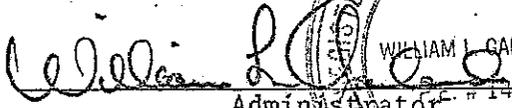
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

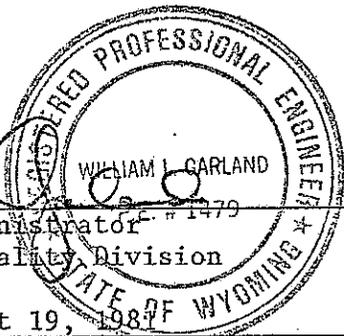
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

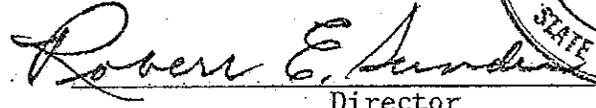
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
August 19, 1987
Date of Issuance




ROBERT E. SUNDIN
Director
Dept. of Environmental Quality



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

cc: James F. Felber
Arch Mineral Corp., Seminoe II Mine
Box 530
Hanna, WY 82327

Lef

Review of Plans and Specifications

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

PROJECT: Arch Mineral Corporation

ARCHITECT OR ENGINEER: James Felber
P. O. Box 499, Hanna, WY 82327

WATER QUALITY DIVISION REFERENCE NUMBER: 81-428 (80-555RR)

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

Theodore D. Coyer

DATE OF REVIEW: July 20, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The attached application for a construction permit must be completed before the permit can be issued.

12-26

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-429RR

Cottonwood Estates
(Name of Facility)

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

James L. Romsa

P.O. Box 1286

Laramie, WY 82070

to construct, install, or modify a well water supply and distribution system facility according to the procedures and conditions of the application No. 81-429RR. The facility is located in Section 6, T15N, R73W in the County of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

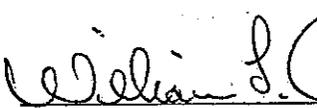
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

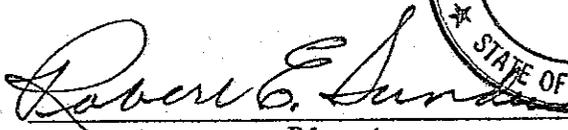
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
P.E. # 1479
Administrator
Water Quality Division
STATE OF WYOMING
September 2, 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.

cc: Lloyd H. Baker
Gertsch/Baker & Assoc.
P.O. Box 880
Laramie, WY 82070

Norma

THE STATE OF WYOMING



ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

April 28, 1982

CERTIFIED

James L. Romsa
PO Box 1286
Laramie, Wyoming 82070

Dear Mr. Romsa:

Under authority of W.S. 35-11-802 and Section 10, Chapter III, Wyoming Water Quality Rules and Regulations (copy enclosed) the construction permit for Cottonwood Estates is hereby denied.

After consultation with the Water Quality Advisory Board, the permit is being denied for the following reasons:

- 1) The Cottonwood Estates Subdivision is included in the service area of the approved 201 Wastewater Facilities Plan for the City of Laramie. Wastewater is to be provided through the Laramie Wastewater collection and treatment system and not by individual on-site systems as indicated in your application;
- 2) This Department must comply with the provisions of the approved facility plan when issuing permits;
- 3) The Laramie wastewater collection and treatment system has been designed and is being constructed to accept wastewater from the Cottonwood Estates Subdivision;
- 4) Failure to follow the approved plan will undermine the effectiveness of the plan and the system being constructed. If the plan is not followed, it will be necessary to revise and amend the plan accordingly. Such action could delay the project and jeopardize federal funds allocated for the project;
- 5) The plan was developed and requires connection to the Laramie system in order to protect the health and well being of people in the Study area; and
- 6) Action on any permit must be based upon all the facts and circumstances bearing upon the reasonableness of the proposed project. It is impractical to separate the consideration of water supply and wastewater disposal in this instance.

James L. Romsa
Page Two
April 28, 1982

As pointed out in the enclosed material, you have the option of requesting a hearing before the Environmental Quality Council. In the event you desire a hearing, the request should be made in writing to the Director and should state the grounds for the request. This petition for a hearing must be made within 20 days.

It is recommended that you initiate negotiations with the City of Laramie regarding connection to the regional wastewater system. Members of my staff will be available to assist in any appropriate manner in the development of an acceptable agreement.

Sincerely,

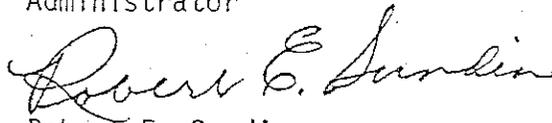


William L. Garland
Administrator

WLG/kb

Enclosures

cc: City of Laramie
County Commissioners



Robert E. Sundin
Director
Department of Environmental Quality

Review of Plans and Specifications

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

PROJECT: Cottonwood Estates, Water System, Albany Co.

ARCHITECT OR ENGINEER: Lloyd H. Baker, Gertsch/Baker & Assoc.
P.O. Box 880, Laramie, WY 82070

APPLICANT: Cottonwood Estates, c/o James L. Romsa
P.O. Box 1286, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 81-429R

REVIEWING ENGINEER: Thomas S. Norman *TS Norman*

DATE OF REVIEW: February 23, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Water System

1. Storage Tank

- a. The check valve on the overflow pipe is not necessary and probably will not open until quite a bit of head is behind it.
- b. All drain and overflow pipes shall discharge onto a splash plate.
- c. The drain (estimated elevation 7140) will not drain as shown.
- d. The Ten State Standards (TSS) requires the storage tank to be above the groundwater. Is this requirement met?

2. Pump Station

- a. A fire hydrant cannot be connected to the system as it is not designed for it. The minimum water line size is six inches for fire hydrants. Also your design calculations showed a fire flow of 1500 gpm which the pumps cannot supply. Maybe a system can be designed to pump directly out of the storage tank.
- b. Item 4 under "Well Water System and Storage Tank Controls" does not make sense in the last line. I believe the well pump off is located seven foot above the bottom of storage tank to be consistent with Item 1.
- c. In coordinating the pump and level controls, I see a problem with the "safe to pump level" (one foot above suction line) and the "low water tank level" (one foot above tank bottom). The problem is that the variable speed pumps will shut off at one foot above the suction line and thus the water level will never reach the "low water tank level" which turns on the well pump and the artesian flow. I recommend placing the "low water tank level" above the "safe to pump level."

- d. Another problem is that once the "high water level" (two inches below overflow) is activated, the artesian flow is stopped and will not open again until the "low water tank level" is activated which turns on both the well pump and the artesian flow. I recommend having an "artesian flow-on level" be separate from "well pump-on level" and be placed about midway up the tank to take advantage of artesian flow and to keep the tank at a fuller level. It will take 90 minutes for the artesian flow to fill one foot of tank.

3. Distribution System

- a. The service line in Lot 5, Block 8, cannot be used as a blowoff.
- b. Any dewatering during construction which will enter a drainage will require a discharge permit. Contact John Wagner at 777-7781.
- c. TSS requires that methods for the removal of air in water mains at high points be provided.

Wastewater Systems

The 201 Wastewater Facilities Plan for the City of Laramie has specifically designated the Roach Addition area as needing a central sewer collection system to protect the public health from failing septic systems due to high groundwater. Any decisions concerning wastewater treatment in the Laramie area must be consistent with the facilities plan. We also cannot justify approving more septic systems in an area that is known for having a high potential for failure and contamination which is evident by the Roach Addition.

As stated in my last review comments, evapotranspiration beds will not be permitted above an elevation of 6500 feet. Also, vault privies are not an acceptable disposal plan for a subdivision. Considering the septic system problems in the Roach Addition, on-site wastewater disposal is not a viable alternative for Cottonwood Estates.

Therefore, it is suggested that methods for connecting to the City sewer be evaluated. This is strongly supported by the fact that sewer service is readily available and contiguous to the northeast corner of the subdivision. The lift station and collection system has been designed to accept sewage from the area which includes Cottonwood Estates. The City should be contacted for information concerning connecting to the central sewer system as they are the managing entity.

Lef

M 7-29-81

Review of Plans and Specifications

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

PROJECT: Cottonwood Estates Water System

ARCHITECT OR ENGINEER: Lloyd H. Baker, Gertsch/Baker & Assoc.
P. O. Box 880, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 81-429

REVIEWING ENGINEER: T.S. Norman

T.S. Norman

DATE OF REVIEW: July 28, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Insufficient detailed specifications, installation procedures, and plans were submitted to evaluate or construct the proposed project. The "Recommended Standards for Water Works" by GLUMRB must be met. The following is only an outline of the major problems, please consult GLUMRB.

1. Water Source

- a. Well test data (yield, draw down, static water level, depth of well, etc.) was not submitted.
- b. Specification on well pump, piping, valves, etc.
- c. A water meter is needed.
- d. Cross-section of well showing casing, screen pump, grout, etc. with dimensions.

2. Disinfection

- a. Specifications on chlorine system (type chlorine, capacity, storage, type injection unit, flow proportioning, etc.).
- b. Thirty minutes of chlorine contact time is required for groundwaters. At a pump capacity of 175 gpm (120 + 55), this requires a 5,250 gallon storage tank.
- c. Stand-by chlorination equipment is necessary.

3. Pumping Station

- a. Specifications on building, piping, pumps, pressure tank, valves, vents, heat, controls, gauges.
- b. Show building access, drains.

- c. No pump controls were shown.
- d. The maximum hourly demand ratio of 3.5:1 average daily flow does not agree with the 7000 gph shown on the data for sizing the storage tank. X
- e. No dimensions are shown on plans.

4. Water Storage

- a. The drain needs a valve. Where will drain daylight?
- b. Need specs on backflow preventer.
- c. What is size of access hole? Top of manhole must be 24-36 inches above soil.
- d. Need specification on tank, vent, screen, valves, level controls, etc.
- e. Disinfection spec is AWWA D105-80.
- f. How will the tank be fastened to ground to prevent flotation?

5. Distribution System

- a. Need specs on valves, service connections.
- b. Need sizes of thrust blocks with a detail drawing.
- c. Need plan and profile on water mains.
- d. Need construction detail of service connections.
- e. AWWA C-900 only specifies 4-inch and larger pipe. What will be the 2-inch and 3-inch pipe.
- f. A blow-off is needed at Lot 5 of Block Eight.
- g. Need installation procedures for pipe concerning bedding, backfill, compaction.

6. General

- a. I am confused on fire supply. Is there going to be fire protection? How much water demand? How will there be access for fire trucks? With a 1500 gpm fire protection and a 15,000 gallon storage tank, only ten minutes protection is provided.
- b. Why are certain lots only allowed evapotranspiration or closed vault type disposal systems? DEQ will not approve E-T systems above the 6500 foot elevation (see attached letter). DEQ cannot approve a subdivision based solely on the use of closed vault type disposal systems. Have you considered mound systems.

DUE TO THE GENERALITY OF THESE REVIEW COMMENTS, THIS IS NOT MEANT TO BE A FINAL REVIEW.

Attachment

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-430

See Special Condition

B & B Tool and Supply
(Name of Facility)

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

Gurkin Construction Company

513 North Lennox

Casper, WY 82601

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-430. The facility is located in Section 3, T33N, R80W, Lot 10, Zero Road Industrial Park 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.

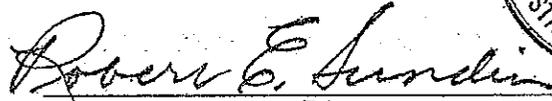
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. GARLAND
PE # 1479
STATE OF WYOMING

Administrator
Water Quality Division



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

Director
Dept. of Environmental Quality

August 3, 1981
Date of Issuance

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

cc: Detmer R. Knapp, P.E.
1380 Bretton
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.

20-5

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-431R

Town of Hanna, 1.0 MGD Water Treatment Plant
(Name of Facility)

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

Town of Hanna
P.O. Box 99
Hanna, WY 82327

to construct, install, or modify a municipal water treatment plant and a small sub-surface wastewater disposal facility according to the procedures and conditions of the application No. 81-341R. The facility is located in Section 36, T22N, R81W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

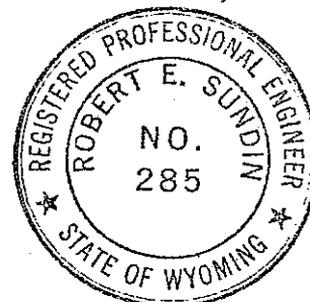
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

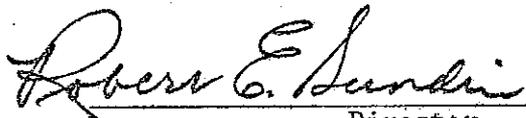
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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


Director
Dept. of Environmental Quality

September 16, 1981
Date of Issuance

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

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

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

Review of Plans and Specifications

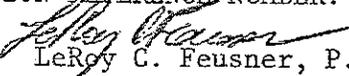
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Town of Hanna Water Treatment Plant, Carbon Co.

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

APPLICANT: Town of Hanna
P.O. Box 99, Hanna, WY 82327

WATER QUALITY DIVISION REFERENCE NUMBER: 81-431

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

DATE OF REVIEW: August 17, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Sheet 14/31. Why is a plant bypass line necessary? Due to current EPA regulations and inconsistent water quality (turbidity/bacteriological), bypassing of the plant treatment processes cannot be allowed.
2. A minimum of a duo-filter (anthracite/sand) will be required for minimum treatment of the water.

LCF/nc

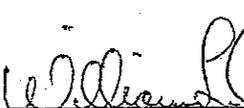
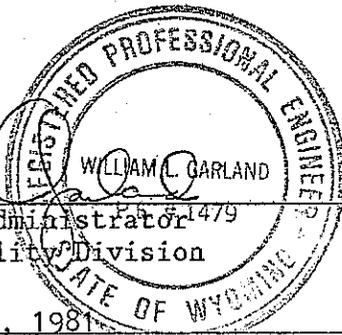
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

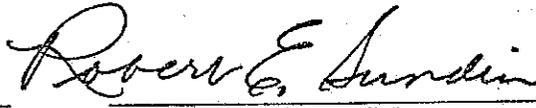
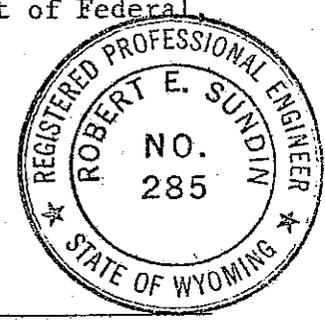
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
August 24, 1981
Date of Issuance



Director
Dept. of Environmental Quality

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

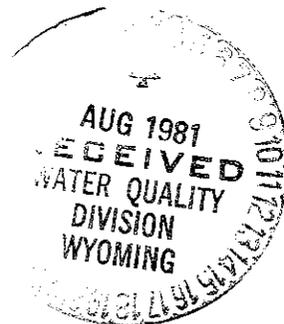
AJB/ch
8/25/81

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144



PROJECT: Silver Stream Lodge

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

OWNER: Jack Salmon
Silver Stream Lodge
Afton, WY 83110

WATER QUALITY DIVISION REFERENCE NUMBER: 81-432

REVIEWING ENGINEER: Al Berreth *ajf*

DATE OF REVIEW: July 27, 1981

ACTION: Not authorized.

COMMENTS: Before a "Permit to Construct" can be issued the following comments and questions must be addressed.

- 1) What is the depth to high groundwater? A separation distance of four feet between high groundwater and the perforated pipe must be maintained.
- 2) On the average, how many meals per day are served in the restaurant and how many patrons per day visit the bar and cocktail lounge? These numbers are useful in checking the estimated flow of sewage from the lodge. The 300 gallons per day is acceptable with adequate documentation such as meter readings.
- 3) From what I know of the area, the groundwater is very close to the ground surface and that the leachfield will need to be elevated above ground. Better details of this are needed. Also, the relative elevations of the septic tank outlet and leach field need to be noted in order to show that a pumping chamber is not required.
- 4) What is the status of the various cabins associated with the lodge? Are they on a different system, or are they connected to this septic tank and leachfield?
- 5) The plans need to be signed or sealed by an engineer registered in Wyoming. Three copies are needed.

A, B, C

Review of Plans and Specifications - Silver Stream Lodge, #81-432
Date of Review - July 27, 1981
Page 2

- 6) Enclosed are forms which may be used for this type of project.
- 7) Upon receipt of the additional information, a final review will be made. Please call if you have questions.
- 8) It is important that we hear from you as early as possible.

AB:nb
7/29/81
xc: Cheyenne DEQ/WQD
File (4)

Enclosures

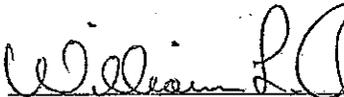
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

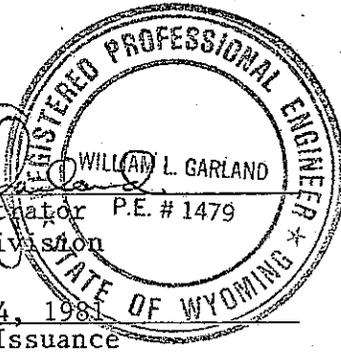
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

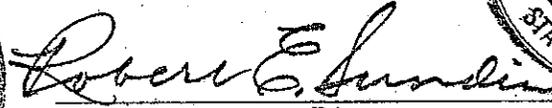
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

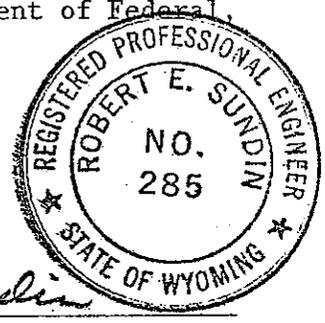
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator P.E. # 1479
Water Quality Division
July 14, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

NOTE: The owner will abandon this individual disposal system and make connection to the proposed public sewerage system when it becomes available.

MRC:nb
7/15/81

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, 933 Main Street, Lander, Wyoming, 82520; telephone 332-3144.

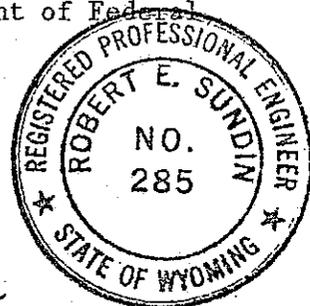
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING


Director
Dept. of Environmental Quality



July 14, 1981
Date of Issuance

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

NOTE: The owner will abandon this individual disposal system and make connection to the proposed public sewerage system when it becomes available.

MRC:nb
7/15/81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-435R

Moran Subdivision Sewer System
(Name of Facility)

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

Town of Glendo

Box 396

Glendo, WY 82213

to construct, install, or modify a 8-inch sewer line extension facility according to the procedures and conditions of the application No. 81-535R. The facility is located in Section 9, T29N, R68W in the County of Platte, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

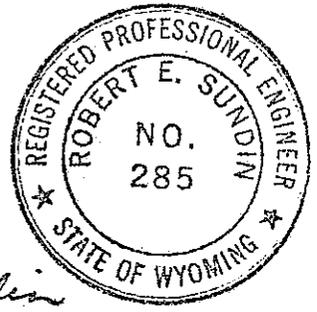
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

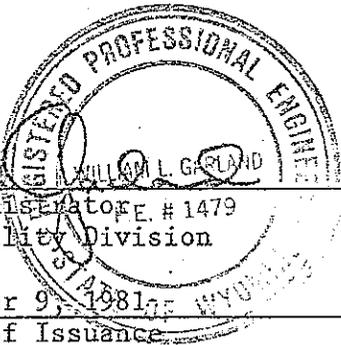
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



Robert E. Sundin

Director
Dept. of Environmental Quality



William L. Garland

Administrator E. # 1479
Water Quality Division

September 9, 1981
Date of Issuance

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

cc: G. A. Fluke
Plains Engineering
Black Hills Power & Light Bldg.
Hot Springs, SD 57747

LE6

Review of Plans and Specifications

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

PROJECT: Moran Subdivision Sewer System

ARCHITECT OR ENGINEER: Gordon A. Fluke, Plains Engineering
Black Hills Power & Light Bldg., Hot Springs, SD 57747

WATER QUALITY DIVISION REFERENCE NUMBER: 81-435

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

DATE OF REVIEW: July 27, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The slope on line J is inadequate. A minimum of 0.40% is required.
2. Most of the lettering is too light to be readable. Please darken it.

7-25-8

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-436R

Physical Education Building Addition - LCCC
(Name of Facility)

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

Laramie County Community College

3822 Dillon Avenue

Cheyenne, WY 82001

to construct, install, or modify a sanitary sewer and potable water main facility according to the procedures and conditions of the application No. 81-436R. The facility is located in Section 9, T13N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

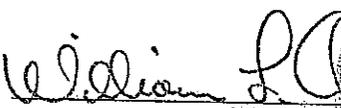
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

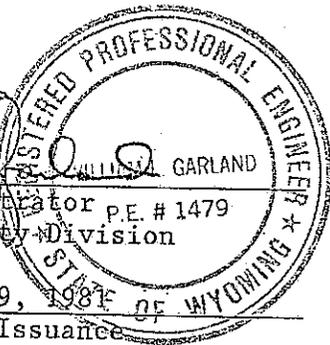
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

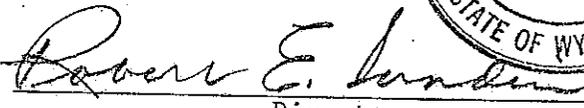
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

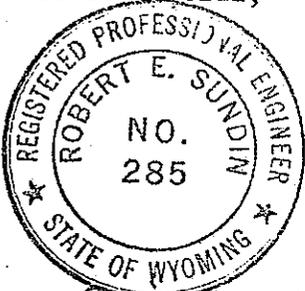
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


Adminisrator P.E. # 1479
Water Quality Division
August 19, 1987
Date of Issuance




Director
Dept. of Environmental Quality



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

cc: John E. Parks
McFall - Konkell & Kimball
3001 Henderson, Suite M
Cheyenne, WY 82001

286

Review of Plans and Specifications

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

PROJECT: Laramie County Community College

ARCHITECT OR ENGINEER: John E. Parks, P.E., McFall-Konkel & Kimball
3001 Henderson, Suite M, Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-436

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

DATE OF REVIEW: July 21, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Please indicate the distance between the sanitary sewer manholes on sheet M-1.
2. Leaded joints for the sanitary sewer outside the building shall not be used.
3. Please submit two copies of sheet M-1 and two copies of that portion of the specification related to the water main and sanitary sewer.

Lef

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-437

Saratoga Special Improvement District C-C-R #3
(Name of Facility)

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

Town of Saratoga

P.O. Box 486

Saratoga, WY 82331

to construct, install, or modify a sanitary sewer improvements and potable water main improvements facility according to the procedures and conditions of the application No. 81-437. The facility is located in Sections 13 and 14, T17N, R84W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

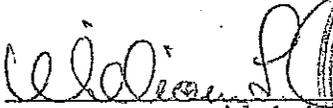
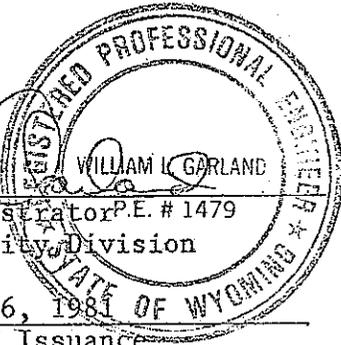
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

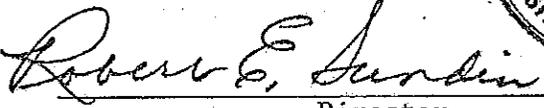
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 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
August 6, 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: Paul McCarthy
Robert Jack Smith & Assoc., Inc.
Box 1104
Rawlins, WY 82301

PERMIT TO CONSTRUCT

New

Permit No. 81-438R

Renewal

Modified

Gulf Research Pond 1
(Name of Facility)

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

Gulf Research and Development Company

134 Union Blvd. Suite 610

Lakewood, CO 80288

to construct, install, or modify a sediment control pond facility according to the procedures and conditions of the application No. 81-438R. The facility is located in Section 11, T21N, R89W 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.

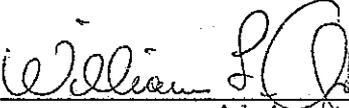
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

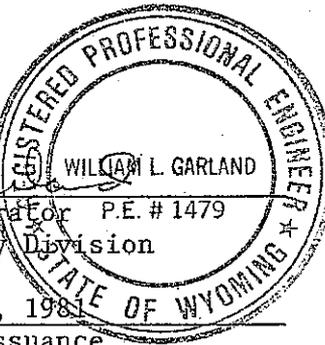
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

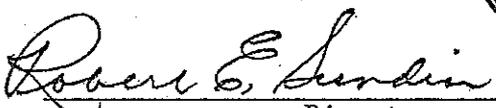
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

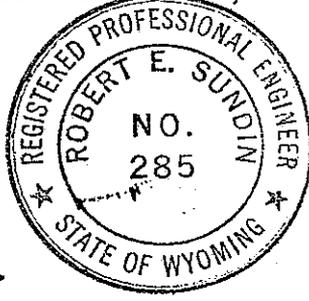


Administrator P.E. # 1479
Water Quality Division
August 21, 1981
Date of Issuance





Director
Dept. of Environmental Quality



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

cc: Paul A. Rechar
P. O. Box 4128
Laramie, WY 82070

8-20-7

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 81-439R

Gulf Research Pond 2
(Name of Facility)

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

Gulf Research and Development Company

134 Union Blvd. Suite 610

Lakewood, CO 80288

to construct, install, or modify a sediment control pond facility according to the procedures and conditions of the application No. 81-439R. The facility is located in Section 11, T21N, R89W 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.

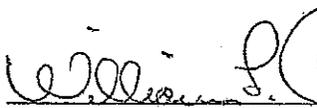
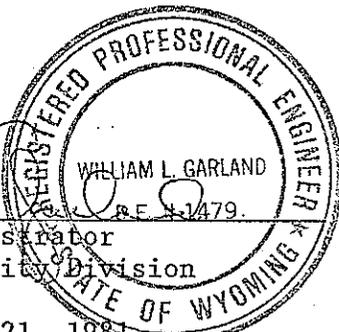
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

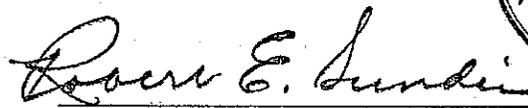
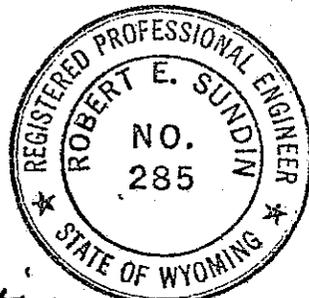
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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



Administrator
Water Quality Division
August 21, 1981
Date of Issuance



Director
Dept. of Environmental Quality

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

cc: Paul A. Recharad
P. O. Box 4128
Laramie, WY 82070

Ref

Review of Plans and Specifications

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

PROJECT: Gulf Research Ponds 1 and 2

ARCHITECT OR ENGINEER: Paul A. Rechar, P.E.
P. O. Box 4128, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 81-438 and 81-439

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

DATE OF REVIEW: August 3, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Please submit one additional set of the plans for these projects so that a construction permit can be issued.

PERMIT TO CONSTRUCT

Permit No. 81-440R

- New
- Renewal
- Modified

Lankford Mobile Home Park
(Name of Facility)

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

Roy Lankford

1529 Hellwig Road

Cheyenne, WY 82001

to construct, install, or modify a water and sewer extension for 10 unit mobile home park facility according to the procedures and conditions of the application No. 81-440R. The facility is located in Section 18, T13N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

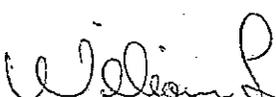
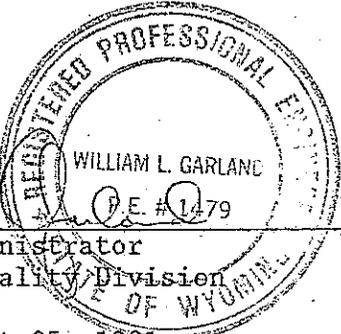
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

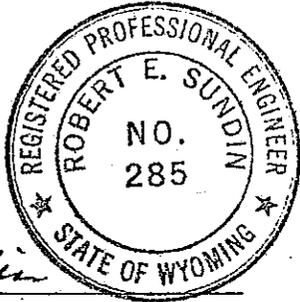
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division
DEPT. OF WYOMING



Director
Dept. of Environmental Quality

August 25, 1981
Date of Issuance

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

cc: Jon L. Anderson
A.V.I.
7300 Yellowstone Road
Cheyenne, WY 82001

N
2-11-81

Review of Plans and Specifications

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

PROJECT: Lankford Mobile Home Park

ARCHITECT OR ENGINEER: Jon L. Anderson, A.V.I. Engineering
7300 Yellowstone Rd., Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-440

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

DATE OF REVIEW: August 6, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. A letter is required from South Side Cheyenne Water & Sewer District stating that adequate water and sewer services are available for this additional loading.
2. No specifications were submitted.
3. What is the size and capacity of the sewer at the proposed connection?²
4. What is the size, capacity and pressure of the water main at the proposed connection?
5. The water service detail states a three-inch service line.
6. The sewer service detail does not show the size, slope or connection of the sewer main.
7. If the "R.V. Storage" lot is not supposed to receive water and sewer services, do not show the service stubs on the plans.

TSN/nc

PERMIT TO CONSTRUCT

New

Permit No. 81-441RRR

Renewal

Modified

Bagg's Water Treatment Plant & Supply
(Name of Facility)

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

Town of Baggs

P.O. Box 300

Baggs, WY 82321

to construct, install, or modify an infiltration gallery and water treatment plant facility according to the procedures and conditions of the application No. 81-441RRR.

The facility is located in Section 5, T12N, R91W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

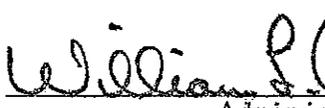
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

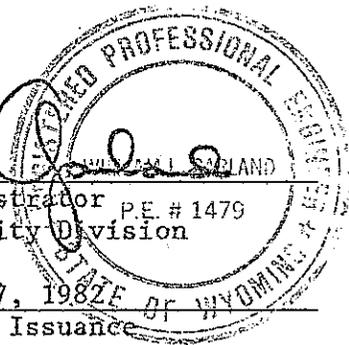
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

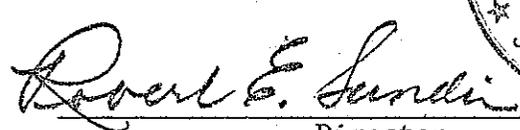
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

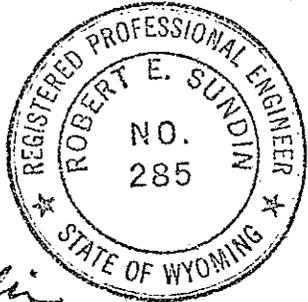
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



Administrator P.E. # 1479
Water Quality Division

April 7, 1982
Date of Issuance



Director
Dept. of Environmental Quality


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

cc: Bruce Walker
Merrick & Company
P.O. Box 22026
Denver, CO 80222

3 - 22-82

Review of Plans and Specifications

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

PROJECT: Baggs Water Treatment System, Carbon Co.

ARCHITECT OR ENGINEER: Dave Chambers, Merrick & Company
P.O. Box 22026, Denver, CO 80222

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

WATER QUALITY DIVISION REFERENCE NUMBER: 81-441RR

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

DATE OF REVIEW: March 17, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Per our telephone conversation on March 17, 1982:

1. A permit to discharge is required if dewatering is encountered during construction. Contact John Wagner at 777-7781.
2. The highly chlorinated water used for disinfecting the water lines shall not be discharged to a stream.
3. Page 4 of plans. It seems possible that the backwash water return from the ponds may cause an overflow of the raw water pump structure when the pumps are not operating (i.e., the level in the pump structure and the ponds will try to stabilize).
4. There are no details on level controls or operating controls for raw water pumping, plant operation, or high service pumping.
5. Page 6 of plans, backwash water return structure. The top spool should not be used as it is above the inlets. Access to the spools are limited.
6. The turbidimeter should be on the filter effluent and not on the clear well effluent to determine backwash cycles.

cc: Mike Hackett, Farm Loan Board

ABC

1-18-82

Review of Plans and Specifications

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

PROJECT: Baggs Water Treatment Plant, Carbon Co.

ARCHITECT OR ENGINEER: Bruce Walker, Merrick & Company
P.O. Box 22026, Denver, CO 80222

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

WATER QUALITY DIVISION REFERENCE NUMBER: 81-441R

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

DATE OF REVIEW: January 18, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

This review is to remind you that you have not answered all of my review comments of August 11, 1981. The site plan you submitted on November 30, 1981 appears to be acceptable but the 100-year flood elevation was not designated.

TSN/nc

Lef

Review of Plans and Specifications

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

PROJECT: Baggs Water Treatment System

ARCHITECT OR ENGINEER: Bruce Walker, Merrick & Co.
P. O. Box 22026, Denver, CO 80222

WATER QUALITY DIVISION REFERENCE NUMBER: 81-441

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

DATE OF REVIEW: August 11, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Meter. What is the flow range capacity of the main water meter?
2. Filters. A continuous or rotating cycle turbidity recording device shall be provided as the method of determining backwash cycles. Turbidity shall not exceed 1 NTU. It is recommended that the first 3 - 5 minutes of a filter run after backwashing be wasted to ensure that backwash water left in the filter is not pumped into the potable water system.

Where is a device that will prevent flooding by overflow? What is the slope on the six-inch drain going to the infiltration lagoon? It is doubtful that this will carry the 500 gpm backwash. Each filter must have an influent and effluent sampling tap and an indicating rate-of-flow meter.

3. Pumps. How was the 110 TDH arrived at for the distribution pumps? What kind of pressure variations will be observed in the distribution system?
4. Chlorine. Two hours of chlorine contact time is required. This is assumed to be for finished water as chlorine is very ineffective in highly turbid water such as found in the flocculator and settling basin. Pre-chlorination is also not recommended in the flocculator or the settling basin because of the high potential to form chlorinated organics. Pre-chlorination in the filters is recommended to reduce bacterial growth on the media.

What is the flow range of the chlorinator?

5. Lagoons. The lagoons are inadequately sized. A minimum usable depth of five feet is required along with adequate freeboard (usually two feet). Since the lagoons will be non-discharging, a mass balance must be performed taking into account amount of wastes, precipitation, evaporation, and percolation. Enclosed is a design memo for small lagoons which might be useful in this design. Sludge storage must be included.
6. Flood Plain. What is the elevation and affect of the 100-year flood?

7. General.

- a. Fiber reinforced plastic manholes have not yet been approved by the WQD.
- b. Class 125 PVC thin wall pressure pipe is not allowed for water main installation.

8-05-81

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-442R

E. Duane Johnson
(Name of Facility)

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

E. Duane Johnson
907 West Walnut St.
Rawlins, WY 82301

to construct, install, or modify a commercial subsurface wastewater disposal facility facility according to the procedures and conditions of the application No. 81-442R. The facility is located in Section 24, 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.

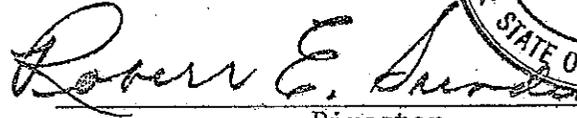
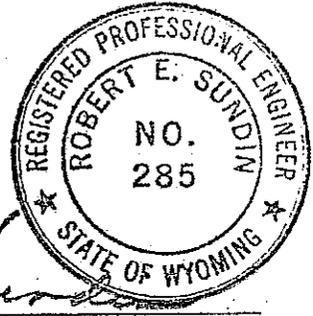
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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. GARLAND
Administrator
Water Quality Division
STATE OF WYOMING
August 19, 1981
Date of Issuance



Director
Dept. of Environmental Quality

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

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

LE/6

Review of Plans and Specifications

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

✓ PROJECT: E. Duane Johnson

ARCHITECT OR ENGINEER:

WATER QUALITY DIVISION REFERENCE NUMBER: 81-442

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

DATE OF REVIEW: July 21, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The plans and specifications must carry the signature or seal of a licensed Professional Engineer who is registered in Wyoming. This requirement exists for all wastewater treatment/disposal facilities with the exception of single family residences. A listing of professional engineers (consultants) may be obtained from the yellow pages of your telephone book. (Chapter III, Wyoming Water Quality Rules and Regulations).

FWD
81-443
August 12, 1981



Mr. Frank LeBarge
Dept. of Environmental Quality
Water Quality Division
Lander, Wyoming 82520

Re : Aushutz East Man-Camp
Wastewater Facility

Dear Frank:

This letter is to inform you that Ford, Bacon and Davis is withdrawing its previous application for a "permit to construct" on the Aushutz man-camp wastewater facility, DEQ Ref. No. 81-443. Ford Bacon and Davis has authorized our firm to proceed with the preparation of a new permit package which we will be forwarding to you shortly.

Sincerely,

ECKHOFF, WATSON AND PREATOR ENGINEERING

Steve H. Reiber
Engineer



1798 So. West Temple
Salt Lake City, Utah 84115
(801) 486-5621

Eckhoff, Watson and Preator
Engineers — Planners — Surveyors

Salt Lake City, Utah
Cedar City, Utah
Price, Utah

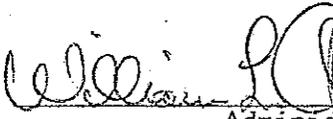
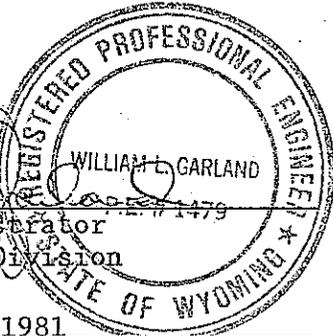
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

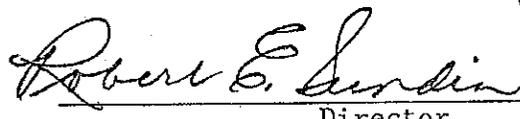
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

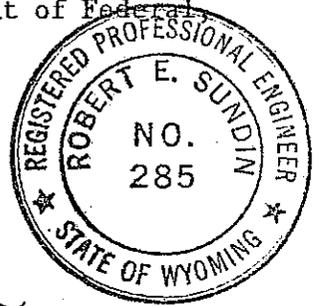
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
1479
Administrator
Water Quality Division



Robert E. Sundin
Director
Dept. of Environmental Quality



August 3, 1981
Date of Issuance

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

AB:dl
8/3/81

8 25-87

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-445R

SEE SPECIAL CONDITION

S.A.F.E. International
(Name of Facility)

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

S.A.F.E. International, Inc.

P.O. Box 3847

Casper, WY 82602

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-445R. The facility is located in Section 34, 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.

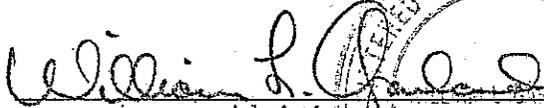
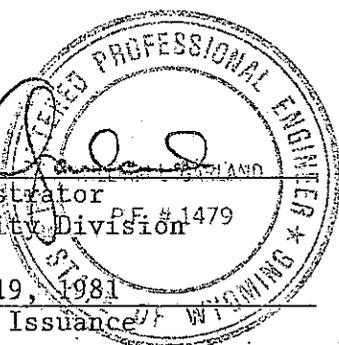
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

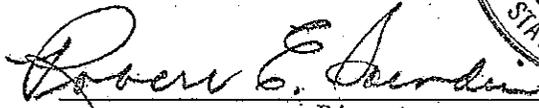
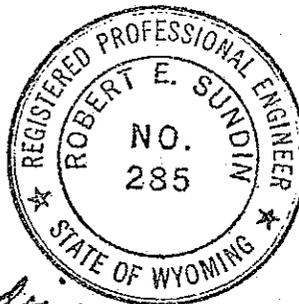
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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


 Administrator
 Water Quality Division P.E. #1479
 August 19, 1981
 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
 EITS
 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.

26

Review of Plans and Specifications

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

PROJECT: S.A.F.E. International

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

WATER QUALITY DIVISION REFERENCE NUMBER: 81-445

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

Theodore D. Coyer

DATE OF REVIEW: July 27, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The side inlet to the septic tank will increase short circuiting in the tank which in turn could reduce the life of the leach field. The inlet should be as far from the outlet as possible.

THE STATE OF WYOMING



Christine

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

August 25, 1981

Natural Gas Corporation of California
85 South 200 East
Vernal, UT 84078

Re: 81-446R; Sewage Disposal System

Dear Sirs:

Your system has been reviewed and appears to be in compliance with minimum design standards. This letter is being issued in lieu of a permit to construct, which cannot be issued in cases such as this.

Respectfully,

Albert J. Berreth
Albert J. Berreth
Southwest District Engineer

AJB:nb
xc: Rocky Mountain Engineering
File (4)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

CERTIFIED MAIL

PROJECT: Natural Gas Corporation of California Sewage Disposal System

ENGINEER: Rocky Mountain Engineering & Surveying, Inc.
P. O. Box 805
Evanston, WY 82930

OWNER: Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

WATER QUALITY DIVISION REFERENCE NUMBER: 81-446

REVIEWING ENGINEER: Al Berreth *atp*

DATE OF REVIEW: August 3, 1981

ACTION: Not authorized.

COMMENTS: If the applicant has began construction on this project, he has knowingly violated Wyoming Water Quality Rules and Regulations and under law may be fined up to \$10,000 per day for each day of violation. All construction on this project needs to be halted until the items in this review have been addressed satisfactorily. An on-site inspection will be scheduled and any items found not as shown on the approved plans will be handled as a violation and a fine will be recommended. The items which must be addressed are as follows.

1. From where is the domestic water supply obtained?
2. The various elevations for pond dike and bottom and for the inlet pipe and manhole do not agree. It appears surcharging may occur in the manhole. The lagoon is shown to be seven and ten feet deep. The inlet elevation is at surface level or the manhole is surcharged.
3. Slopes of the six inch mains are not given on sheet 2 of 3.
4. The lagoon must be prefilled.
5. Cleanouts are required at the ends of the short laterals.

Review of Plans & Specs.

Natural Gas Corp. of California Sewage Disposal System

Page 2

6. The main line into the lagoon does not require a bend nor is the suspended inlet desirable.
7. A reply to this review needs to be received by this office by August 24, 1981.

AB:dl

8/4/81

cc: ✓ Cheyenne DEQ/WQD

File (4)

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Rawhide Village Mobile Home Park Extension

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

WATER QUALITY DIVISION
REFERENCE NUMBER: 81-447RRR

REVIEWING ENGINEER: Tom Mueller *TJMU*

DATE OF REVIEW: August 9, 1982

ACTION: Not Authorized for Construction. See Comments.

COMMENTS:

All items in previous plan reviews for this project have been adequately addressed. All that remains to be done to allow approval of construction is completion of those items noted in Review of Plans and Specifications, Reference No. 82-407, also dated August 9, 1982, for Improvements to the Rawhide Village water supply system. At such time as those items have been addressed, a Permit to Construct for this project will be issued.

xc: Campbell County Engineer's Office

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.

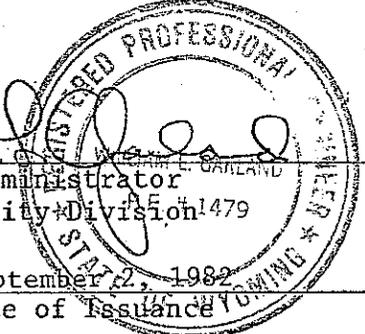
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

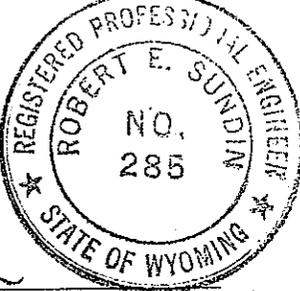
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



Administrator
Water Quality Division 1479
September 2, 1982
Date of Issuance




Director
Dept. of Environmental Quality


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

xc: McDill Engineering
400 West Boxelder
Gillette, WY 82716

Campbell County Engineer's Office
500 South Gillette Ave.
Gillette, WY 82716

NOFMA

REVIEW OF PLANS AND SPECIFICATIONS

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



PROJECT: Rawhide Village Mobile Home Park
ARCHITECT OR ENGINEER: McDill Engineering
400 West Boxelder
Gillette, Wyoming 82716
WATER QUALITY DIVISION
REFERENCE NUMBER: 81-447
REVIEWING ENGINEER: Tom Mueller *TM*
DATE OF REVIEW: August 24, 1981
ACTION: Not Authorized for Construction (see comments)

COMMENTS:

- In a letter accompanying the application, it is stated that the water system for the mobile home park and Phase II has never been taxed to provide adequate water. While it is not known what period is referred to, it is a fact that during the years 1978 and 1979 this office received a large number of written and telephoned complaints regarding quality and availability of water from this system.

It is realized that improvements to system reliability have been made, and no complaints have been received for some time. However, before approving future services on this system, the Division feels that a water supply analysis should be performed in order to demonstrate that the system, with the extension, is capable of meeting average, peak and fire flow demands.
- The additions to the Rawhide Village I and II sewage treatment system, referred to in the letter, are of sufficient magnitude to require a Permit to Construct in accordance with Chapter III of the Wyoming Water Quality Rules and Regulations.
- This Division has not, as of this writing, issued a general Permit to Construct for use of the City of Gillette Construction Specifications. Furthermore, since Rawhide Village does not lie within the City's jurisdiction, the Division would probably not approve plans based on those specifications. If original specs are not to be prepared, specifications such as the Wyoming Public Works Standard Specifications should be referenced.
- Water and sewer service details for mobile homes must be shown as described in Chapter III, Water Quality Rules and Regulations.

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Rawhide Village Mobile Home Park

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

WATER QUALITY DIVISION
REFERENCE NUMBER: 81-447R

REVIEWING ENGINEER: Tom Mueller *TJM*

DATE OF REVIEW: December 1, 1981

ACTION: Not Authorized for Construction

COMMENTS:

1. During the years 1978 and 1979 this office received a large number of written and telephoned complaints regarding quality and availability of water from this system.

It is realized that improvements to system reliability have been made, but recent complaints have been received regarding system expansion. Before approving future services on this system, the Division feels that a water supply analysis should be performed in order to demonstrate that the system, with the extension, is capable of meeting average, peak and fire flow demands.
2. Since Rawhide Village does not lie within City of Gillette jurisdiction, the Division will not approve plans based on those specifications. If original specs are not to be prepared, specifications such as the Wyoming Public Works Standard Specifications should be referenced.
3. Water and sewer service details for mobile homes must be shown as described in Chapter III, Water Quality Rules and Regulations. In particular, sewer risers must be protected by a concrete pad, four inches thick and 12 inches least lateral dimension.
4. Water and sewer mains outside the wall of the existing building must be shown, and authorized prior to construction.

81-448 thru 81-453
Review comments to Tom M. under
81-414

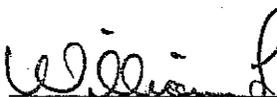
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING
No. 1279
Administrator
Water Quality Division
August 18, 1981
Date of Issuance


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

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

xc: Mr. E. R. Andrews
Stearns-Rogers Engineering Corp.
4500 Cherry Creek Drive
Denver, Colorado 80217

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.

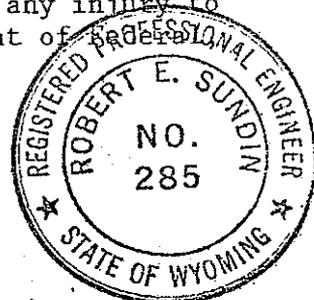
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 State or local laws or regulations.

AUTHORIZED BY:


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

xc: Mr. E. R. Andrews
Stearns-Rogers Engineering Corp.
4500 Cherry Creek Drive
Denver, Colorado 80217

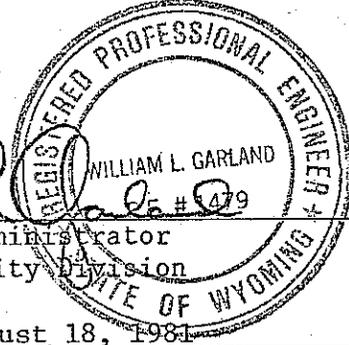
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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.

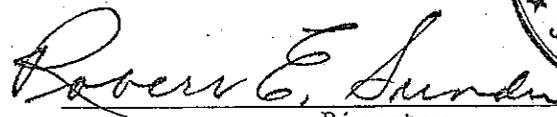
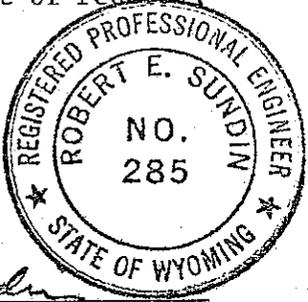
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
#479
Administrator
Water Quality Division
STATE OF WYOMING

August 18, 1981
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.

xc: Mr. E. R. Andrews
Stearns-Rogers Engineering Corp.
4500 Cherry Creek Drive
Denver, Colorado 80217