

PERMIT TO CONSTRUCT

New

Permit No. 80-401

Renewal

Modified

Brook Hollow Subdivision - Phase I  
(Name of Facility)

This permit hereby authorizes the applicant:

Brook Hollow Wyoming Partnership  
(Last) (First) (Middle)

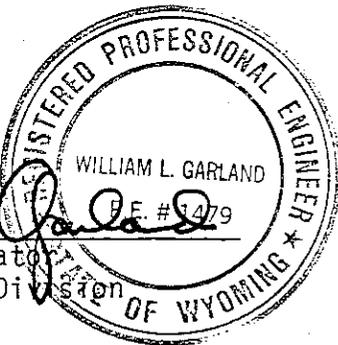
P. O. Box 256  
(Street or P.O. Box)

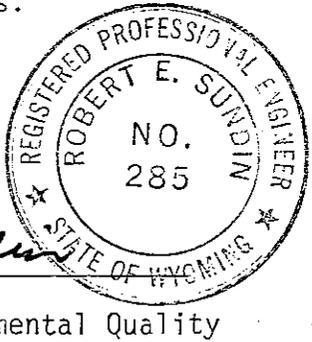
Evanston WY 82930  
(City) (County) (State)

to construct, install, or modify a water and sewer line  
facility located in Section 28, T.15N., R.120W.  
(Legal Description)

in the County of Uinta, in the State of  
Wyoming. This permit shall be effective for a period of two years  
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland  
Administrator  
Water Quality Division  


Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality  


August 12, 1980  
Date of Issuance

"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."



PERMIT TO CONSTRUCT

New

Permit No. 80-402

Renewal

Modified

Sewer Line from Brook Hollow to Highway 150 along Aspen Groves Road  
(Name of Facility)

This permit hereby authorizes the applicant:

Brook Hollow Wyoming Partnership  
(Last) (First) (Middle)

P.O. Box 526  
(Street or P.O. Box)

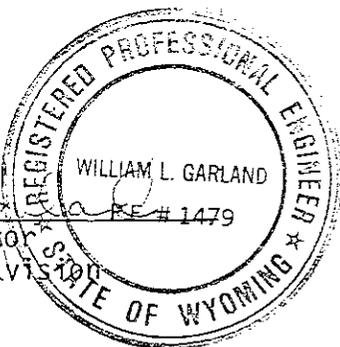
Evanston Wyoming 82930  
(City) (County) (State)

to construct, install, or modify a sewer line  
~~facility~~ located in Sec. 27, T. 15N, R. 120W  
(Legal Description)

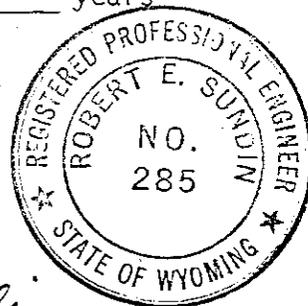
in the County of Uinta, in the State of  
Wyoming. This permit shall be effective for a period of two years  
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland  
Administrator  
Water Quality Division



Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality



August 20, 1980  
Date of Issuance

"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."





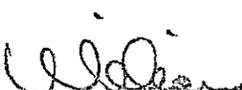
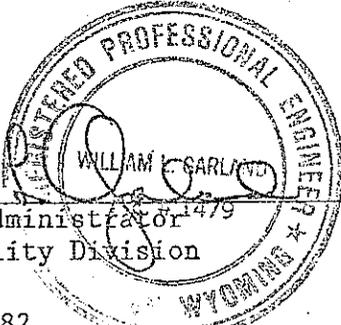
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

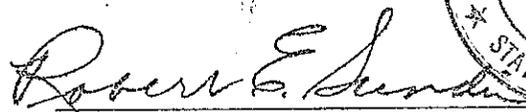
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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. CARLISLE  
Administrator 479  
Water Quality Division  
  
\_\_\_\_\_  
July 13, 1982  
Date of Issuance

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

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

FL:ch



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

July 13, 1982

Lyman Grazing Assoc.  
c/o E. Darrell Eyre  
Box 46  
Lyman, WY 82937

Dear Mr. Eyre:

The Water Quality Division recognizes that the Lyman Grazing Association has taken over the operation of the wastewater facilities previously permitted by Phillips Petroleum Company.

A copy of permit number 80-403 reflecting this change of ownership is enclosed.

Yours truly,

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

Francis LaBarge  
Water Quality Engineer  
Southwest District

FL:ch  
Enclosure

cc: Cheyenne DEQ/WQD  
D. J. Fisher-Phillips Petroleum Co.  
PO Box 2920  
Casper, WY 82602  
File (2)



PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-403

Phillips Drilling Camp Small Wastewater Facility  
(Name of Facility)

This permit hereby authorizes the applicant:

Phillips Petroleum Company  
(Last) (First) (Middle)

P.O. Box 2920  
(Street or P.O. Box)

Casper Wyoming 82602  
(City) (County) (State)

to construct, install, or modify a small wastewater  
facility located in Sec 27, T. 12N, R. 114W  
(Legal Description)

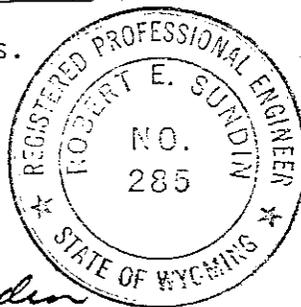
in the County of Uinta, in the State of  
Wyoming. This permit shall be effective for a period of two years  
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland  
Administrator  
Water Quality Division



Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality



August 12, 1980  
Date of Issuance

"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."



PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-404R

William D. White  
(Name of Facility)

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

William D. White  
3511 Summit Drive  
Cheyenne, WY 82001

to construct, install, or modify a small subsurface disposal  
wastewater facility

facility according to the procedures and conditions of the application  
No. 80-404R. The facility is located in Section 22, T14R,  
R66W, Del Range Add. 2nd filing, N½ Parcel, SE Corner Tract 31

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 Environ-  
mental 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 responsi-  
bility 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 oper-  
ational requirements.

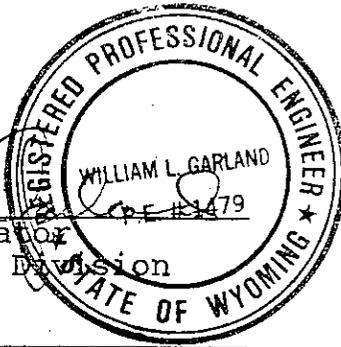
The permittee shall allow authorized representatives from the Depart-  
ment of Environmental Quality, Water Quality Division, upon the pre-  
sentation of credentials and during working hours, to have access to  
inspect the facilities, at the above location, for the purpose of  
compliance with the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

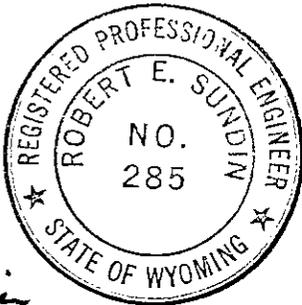


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:

  
William L. Garland  
Administrator  
Water Quality Division

  
Robert E. Sundin  
Director  
Dept. of Environmental Quality

September 8, 1980  
Date of Issuance

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



*log file*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXX~~

401 West 19th Street

Cheyenne, Wyoming 82002

PROJECT: D & R Electronics

ARCHITECT OR ENGINEER: Jim Voeller, A.V.I., 1111 East Lincoln, Cheyenne, WY  
82001

WATER QUALITY DIVISION REFERENCE NUMBER: 80-404

REVIEWING ENGINEER: T. S. Norman, E.I.T. *T. S. Norman*

DATE OF REVIEW: August 22, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. I am confused as to whether this system is a 'leach field' or an 'evaporative' type disposal system. As per my conversation with Mr. White on August 19, 1980, this system cannot be designed or reviewed as a combination of the two systems. If this system is a true evaporative system, then the volume of wastewater must be known for design and the specific requirements for such a system must be met (i.e., PVC liner, slope, depth of topsoil, specific rock size, etc.). The Laramie City-County Health Department thought you have a 'leach field' system in mind. Please explain and clarify your design and construction plans.
2. The State requires that each dwelling unit be evaluated on a minimum of two (2) bedrooms each. The County Health Department indicated that the existing house is expected to eventually have four (4) bedrooms. It is to your advantage to design the system for future capacity to eliminate future rehabilitation or failure.
3. Septic tanks constructed of concrete block must be coated with a 'bitumastic or equivalent' compound.
4. The disposal system sizing cannot be evaluated until the type of system is established.
5. Plan Sheet. The drainfield layout shows seven distribution lines whereas the "Check List" indicates only five.
6. Plan Sheet. Distances from the drainfield to lot lines must be shown.



Comments cont.

7. Disposal Field Detail Sheet. Please show any modifications to the standard details on this sheet.

8. The existing sewer to the septic tank must be either plugged or removed. This is not clear on Plan Sheet.



R.H. Westerfield  
P. O. Box 263  
Encampment, WY 82325

PERMIT TO CONSTRUCT



New

Permit No. 80-405



Renewal



Modified

Temporary Potable Supply Booster Pump Station

(Name of Facility)

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

Town of Encampment

P. O. Box 5

Encampment, WY 82325

to construct, install, or modify a potable water supply

facility according to the procedures and conditions of the application

No. 80-405. The facility is located in Section 1, T14N,

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.

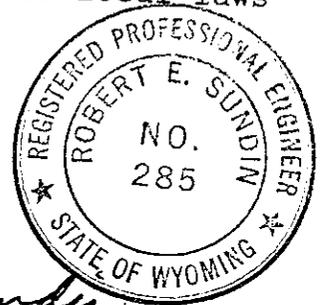
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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



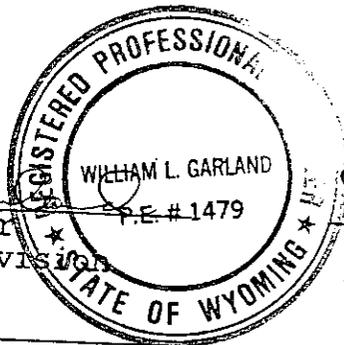
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



*William L. Garland*  
Administrator  
Water Quality Division



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

September 4, 1980  
Date of Issuance

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



cc: Rex A. Behrends  
RJS & Associates, Inc.  
P. O. Box 1104  
1015 Harshman  
Rawlins, WY 82301 PERMIT TO CONSTRUCT

*log file*

- New
- Renewal
- Modified

Permit No. 80-406

Carrico Sewer Line  
(Name of Facility)

This permit hereby authorizes the applicant:

Carrico (Last) Gene (First)  (Middle)

P. O. Box 1567  
(Street or P.O. Box)

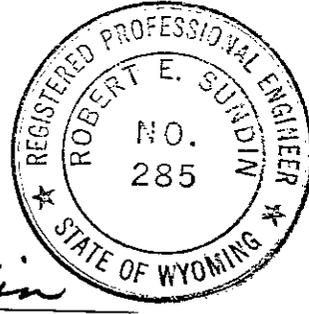
Rawlins, WY 82301  
(City) (County) (State)

to construct, install, or modify a municipal wastewater collection system  
facility located in Section 8, T21N, R87W  
(Legal Description)

in the County of Carbon, in the State of  
Wyoming. This permit shall be effective for a period of two (2) years  
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland  
Administrator  
Water Quality Division  


Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality  


August 21, 1980  
Date of Issuance

"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."



THE STATE



OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 10, 1980

Wyoming Game and Fish Department  
Cheyenne, WY 82002

Attention: Bill Morris, Assistant Director

Re: Wyoming Game and Fish Station  
Wastewater Disposal System  
Park County: DEQ #80-407R

Dear Sir:

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

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

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

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

Respectfully

*M. Robin Collins*

M. Robin Collins, P.E.

Northwest District Engineer

cc: Duane Weber, Patterson/Weber & Associates, Casper  
Doug Coates, Cheyenne  
Jon Odgen, Wyoming Game and Fish, Cheyenne  
DEQ/WQD, Cheyenne



REVIEW OF PLANS AND SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
933 MAIN STREET,  
LANDER, WYOMING, 82520.  
(307) 332-3144

PROJECT: Wyoming Game and Fish Station Wastewater Disposal System-  
Park County

ENGINEER: Patterson/Weber and Associates ATTENTION: Duane R. Weber, P.E.  
437 South Spruce  
Casper, WY 82601

OWNER: Wyoming Game and Fish Department  
Cheyenne, WY 82002  
ATTENTION: Bill Morris, Assistant Director

WATER QUALITY DIVISION REFERENCE NUMBER: 80-407

REVIEWING ENGINEER: M. Robin Collins, P.E.

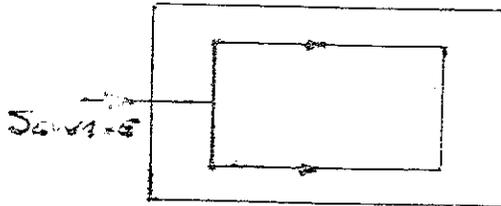


DATE OF REVIEW: September 4, 1980

ACTION: NOT AUTHORIZED.

COMMENTS: I would like to offer the following comments for your consideration in processing the necessary permit:

1. The application rate used in the sizing of the leach bed is not small enough to take into account the extremely slow percolation rate of 80 min./inch. Recommend you use 0.4 gal./ft<sup>2</sup> for design purposes.
2. The 4-inch perforated distribution pipe in the leach bed should terminate approximately four-feet from the bed walls.
3. We would encourage you to consider using a waste stabilization pond if conditions permit.
4. Emphasis should be given to the bedding of the distribution box inside the bed in order to insure against uneven flow distribution. Consideration should also be given to utilizing a distribution network similar to the following:



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

MRC/lh

cc: Wyoming Game and Fish



2-7-84

THE STATE OF WYOMING



ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 6, 1984

Mrs. E. W. McNamara  
P.O. Box 179  
Rawlins, WY 82301

Mrs. McNamara:

On May 8, 1981, this department phoned you concerning a permit to construct, reference number 80-408, facility name McNamera Lot. The application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct process.

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

Sincerely,

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

LCF/nc



LEB

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-409RR

Bud's Field Service  
(Name of Facility)

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

Bud Alexander  
1006 Birch Street  
Douglas, Wyoming 82633

to construct, install, or modify a subsurface wastewater disposal

facility according to the procedures and conditions of the application

No. 80-409RR. The facility is located in Section 14, 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.

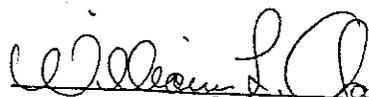
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

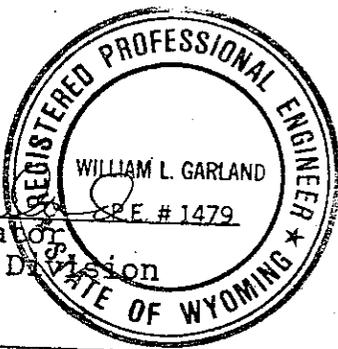


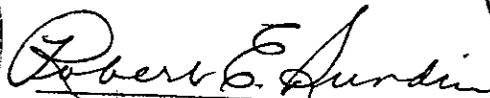
-Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

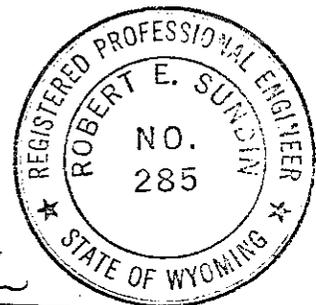
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
Administrator  
Water Quality Division



  
Director  
Dept. of Environmental Quality



November 12, 1980  
Date of Issuance

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

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



Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
401 West 19th Street  
Cheyenne, Wyoming 82002

PROJECT: Bud's Field Service

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

WATER QUALITY DIVISION REFERENCE NUMBER: 80-409R

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

DATE OF REVIEW: October 16, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS: Although your letter of October 10, 1980 indicated the plans had been sealed, they were not. Therefore, they are being returned to you. Please either sign them or place your engineer's seal on them.



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REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Bud's Field Service

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

WATER QUALITY DIVISION REFERENCE NUMBER: 80-409

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

DATE OF REVIEW: 8-22-80

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The proposed location of the potable water supply well must be shown.
2. Show all dimension locating the disposal system on the property.
3. The application indicates a disposal field will be installed, but the drawings show a bed. Which is correct?
4. Details of the septic tank must be shown.
5. The septic tank must have an access at least 20 inches in diameter over the inlet and outlet.
6. Baffles must be provided at the septic tank inlet and outlet. They must be shown on the plans.
7. The drain field pipes must be joined with a pipe at their ends.
8. How many employees will be working at this facility?
9. Each sheet must be sealed or signed by the engineer.



cc: Gray C. Wangelin, P.E.  
Engineering Inspection Testing Service  
P. O. Box 4075  
Casper, WY 82604

*W. E. G. G. G.*

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-410R

Geolograph Pioneer

(Name of Facility)

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

Lonnie Wallace

201 North Wolcott

Casper, WY 82601

to construct, install, or modify a industrial subsurface disposal  
wastewater treatment facility

facility according to the procedures and conditions of the application

No. 80-410R. The facility is located in Westgate Park II,  
Lot 38, Section 27, 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 Environ-  
mental 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 responsi-  
bility 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 oper-  
ational requirements.

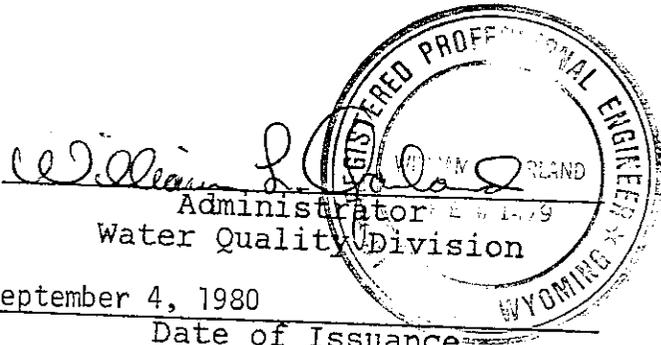
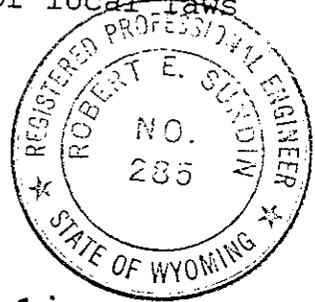
The permittee shall allow authorized representatives from the Depart-  
ment of Environmental Quality, Water Quality Division, upon the pre-  
sentation of credentials and during working hours, to have access to  
inspect the facilities, at the above location, for the purpose of  
compliance with the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



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. Galan  
Administrator  
Water Quality Division

Robert E. Sundin  
Director  
Dept. of Environmental Quality

September 4, 1980

Date of Issuance

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



W. 8/25/80

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Geolograph Pioneer

ARCHITECT OR ENGINEER: Gray C. Wangelin, P.E., Engineering Inspection  
Testing Service, P. O. Box 4075, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 80-410

REVIEWING ENGINEER: T. S. Norman, E.I.T. *T.S. Norman*

DATE OF REVIEW: 8-25-80

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. A 'small wastewater facilities' is defined as a single family house or a single mobile home unit. This application would be described as 'industrial'.
2. The volume of wastewater (400 gpd) on the application does not agree with the combined wastewater volume (400 apd + 150 gpd = 550 gpd) on the plan.
3. I need to know the characteristics of the wastewater which originate from the floor sump. Will it have a higher than normal content of grease, oil, silt, mud, heavy metals, toxic substances, etc? Is some type of pretreatment (grease trap) necessary to protect the septic tank?



PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-411R

Brook Hollow Water Supply System  
(Name of Facility)

This permit hereby authorizes the applicant:

Brook Hollow Wyoming Partnership  
(Last) (First) (Middle)

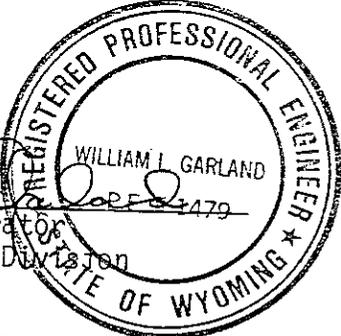
P.O. Box 526  
(Street or P.O. Box)

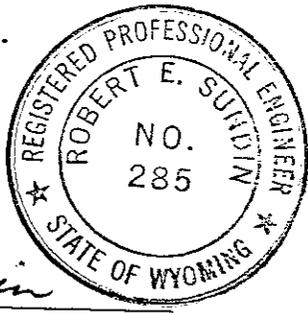
Evanston Wyoming 82930  
(City) (County) (State)

to construct, install, or modify a pump house, generator building, supply line,  
~~facility~~ storage tank located in Sec. 21, 28, 33, T. 15N, R. 120W  
(Legal Description)

in the County of Uinta, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William I. Garland  
 Administrator  
 Water Quality Division  


Robert E. Sundin  
 Director  
 Wyoming Dept. of Environmental Quality  


September 2, 1980  
Date of Issuance

"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."



REVIEW OF PLANS AND SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
933 MAIN STREET,  
LANDER, WYOMING, 82520.  
(307) 332-3144

PROJECT: Brook Hollow Water Supply System  
Aspen Groves Water Supply System

ENGINEER: Dale Peterson  
P.O. Box 805  
Evanston, WY 82930

OWNER: Brook Hollow Wyoming Partnership  
P.O. Box 526  
Evanston, WY 82930

Charles W. Albrecht  
P.O. Box 725  
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 80-411 and 80-290R

REVIEWING ENGINEER: Francis LaBarge *FL*

DATE OF REVIEW: August 22, 1980

ACTION: NOT AUTHORIZED.

COMMENTS: Please provide details of the following:

Pump House

Is floor elevation at least six inches above grade on the side where entrance is?

Is underground structure waterproofed?

Are all floors drained in such a manner that the quality of the potable water will not be endangered? All floors should slope at least three inches in every ten feet to a suitable drain.

Are suitable outlets for drainage from pump glands provided to prevent discharging onto the floor?

Have provisions been incorporated into the pump house for servicing or removal of pumps and motors?

Is access into the pump house adequate to remove or install the pumps and motors?

Is the pump house adequately lighted?

Will there be a spare parts inventory on hand?

How will the pumps be primed? If prime water is to be used it must not be of lesser sanitary quality than that of the water being pumped.



August 22, 1980

Do the pumps have the following:

- a standard pressure gauge on its discharge line - yes ok
- a compound gauge on its suction line
- a means for measuring the discharge

Figure 4 of the engineering report does not agree with the detail pump, pump control valve, piping and interconnecting valves.

What is the maximum available flow through the pump control valve?

#### Piping

Please see the attached memorandum on permastran pipe. Please provide sufficient information on the system and pipe so it can be determined that all criteria are met. Are the manufacturer's specifications available?

An air relief valve should be installed at station 4+00 to remove any air which could accumulate there. Please show details of the valve to be used.

The blow-off valve details shown on the plans are those of an air release valve and not of a blow-off valve.

Please provide details of the blow-off valves.

What is the purpose of the blow-off valves at the pump house?

A detail is shown of a valve box. To what valve or valves does this apply?

FL/kn

Enclosure



PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-412RR

CENTENNIAL VALLEY ESTATES FIRST ADDITION PHASE I  
(Name of Facility)

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

Kindler J. D.  
8th Tee View  
Evanston WY 82930

to construct, install, or modify  1 well, booster pump system,  
water distribution system, sewage collection system.

~~facility~~ according to the procedures and conditions of the application

No. 80-412RR. The facility is located in Sec. 19, T15N, R120W

in the County of Uinta, in the State of Wyoming. This permit shall be effective for a period of 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.

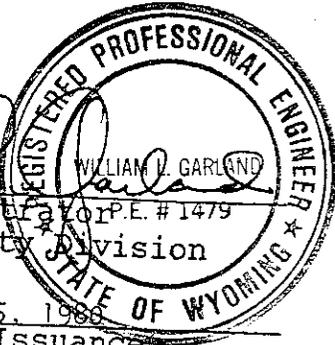
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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



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

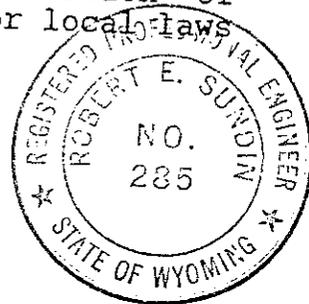
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



*William J. Garland*  
Administrator  
Water Quality Division

September 25, 1986  
Date of Issuance



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

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

FL/1h





*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 21, 1982

Mr. Dennis Farley  
Uinta County Planning  
P.O. Box 895  
Evanston, WY 82930

RE: Centennial Valley Estates  
First Addition Phase I  
Permit to Construct No. 80-412RR

Dear Mr. Farley:

In regard to your concern about the development of an additional source of water at the above referenced location I would like to state this office's position on this matter.

Based upon the contents of the permit application, Permit to Construct No. 80-412RR was issued on September 25, 1980. In the application it was stated that an additional source of water, capable of delivering 74 gpm, was to be developed. The permit is effective until September 25, 1982 at which time the second source of water should be developed.

The permittee has the full two years the permit is in effect to develop the water source, therefore, there is little we can do until his permit expires. If after the permit expires the additional water has not been put on line we can take further action.

If you have any questions please call me.

Yours truly,

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

Francis LaBarge  
Water Quality Evaluator  
Southwest District

FL:tc

cc: Cheyenne DEQ/WQD  
File (4)



PERMIT TO CONSTRUCT

New

Permit No. 80-413RR

Renewal

Modified

Centennial Valley Estates, 1st Addition, 2nd Phase

(Name of Facility)

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

J.D. Kindler

8th Tee View

Evanston, WY 82930

to construct, install, or modify a water distribution system,  
sewage collection system.

~~XXXXXXXXXX~~ according to the procedures and conditions of the application

No. 80-413RR. The facility is located in Sec. 19, T. 15N,  
R. 120W

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.

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.

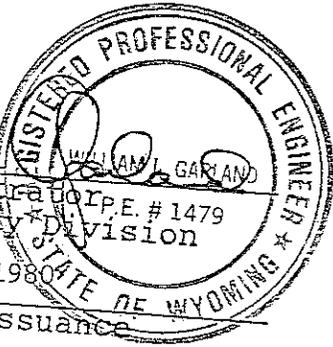


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

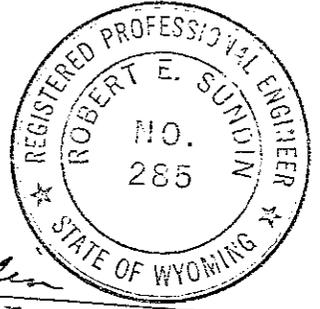
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

*William J. ...*  
Administrator  
Water Quality Division  
October 20, 1980  
Date of Issuance



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



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

FL/kn



cc: Mike McDill  
3308 Sutherland Dr.  
Gillette, WY 82716

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-414

SUTHERLAND ESTATES PHASE VI  
(Name of Facility)

This permit hereby authorizes the applicant:

City of Gillette, c/o Jeff Smith  
(Last) (First) (Middle)

P.O. Box 3003  
(Street or P.O. Box)

Gillette Campbell Wyoming 82716  
(City) (County) (State)

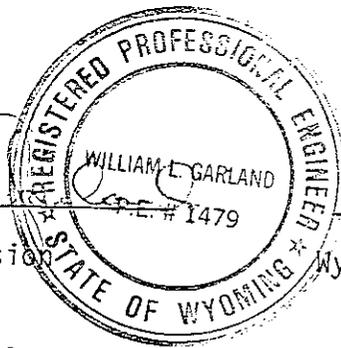
to construct, install, or modify a water distribution and sewage collection  
facility located in Section 33, T.50N., R.72W.  
(Legal Description)

in the County of Campbell, in the State of

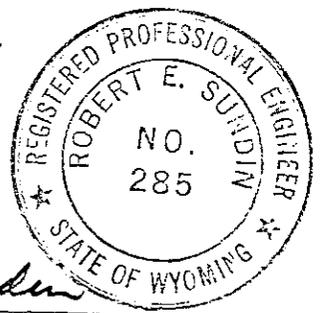
Wyoming. This permit shall be effective for a period of two (2) years  
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland  
Administrator  
Water Quality Division



Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality



September 4, 1980  
Date of Issuance

"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."



# R & E Engineering

P O BOX 494  
RAWLINS, WYOMING 82301  
PHONE 307 324-2857  
April 21, 1981

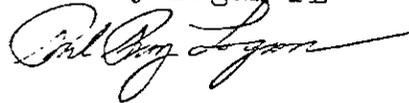
Ref; 80-415-RR  
Creston Junction Trailer  
Court

Mr. Francis LaBarge  
Wyo, Dept. of Enviromental Quality  
Water Quality Division  
933 Main  
Lander, Wyoming

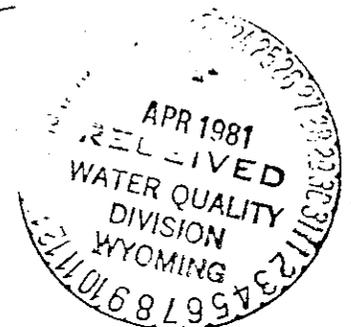
Dear Mr. LaBarge;

Enclosed are revised plans and applications for the  
sewer lagoon modifications for the above trailer court.  
Please withdraw the previous application and plans,  
retain any required construction specifications.  
Thank you for your co-operation and assistance.

Yours truly  
Rob Roy Logan PE



cc file



81-215



PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 80-415RRR

Creston Junction Trailer Court

(Name of Facility)

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

Melvin Roggow

Creston Junction Sinclair Trailer Court

Baggs Route, Creston Junction

Rawlins, WY 82301

to construct, install, or modify a sewage collection system, sewage lagoon

facility according to the procedures and conditions of the application

No. 80-415RRR. The facility is located in Sec. 11, T. 20N,  
R. 92W

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.

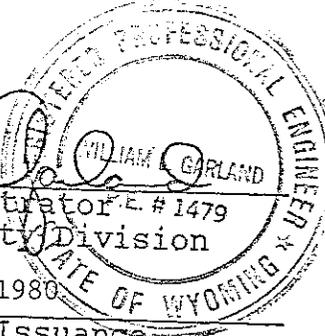
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

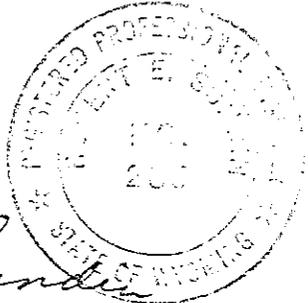


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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  
October 27, 1980  
Date of Issuance

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

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

FL/kn



REVIEW OF PLANS AND SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
933 MAIN STREET,  
LANDER, WYOMING, 82520.  
(307) 332-3144

PROJECT: Creston Junction Trailer Court, *Sweetwater*

ENGINEER: Rob Roy Logan  
R&E Engineering  
Box 494  
Rawlins, WY 82301

OWNER: Melvin Roggow  
Creston Junction Sinclair Trailer Court  
Baggs Route, Creston Junction  
Rawlins, WY 82301

WATER QUALITY DIVISION REFERENCE NUMBER: 80-415RR

REVIEWING ENGINEER: Francis LaBarge *FL*

DATE OF REVIEW: October 14, 1980

ACTION: NOT AUTHORIZED.

COMMENTS:

The following points have to be clarified to complete the review of the proposed large wastewater facility before a "Permit to Construct" can be issued.

Lagoon

1. What is the depth to the water table in the area of the lagoon?
2. What is the soil type in the area of the lagoon?
3. What is the percolation rate in the area of the lagoon?
4. In the design calculations of the lagoon, no reference was made to precipitation. This must also be taken into account.
5. A six inch layer of sand should be laid immediately underneath the liner as well as over the liner to provide protection against puncture.
6. The influent line to the lagoon should discharge horizontally into a shallow, saucer-shaped depression. The end of the discharge line should rest on a suitable concrete apron large enough to prevent the terminal influent velocity at the end of the apron from causing soil erosion. A minimum size apron of two square feet should be provided. Please provide details of the concrete apron and indicate the depression on the plans.



October 14, 1980

Sewer

7. A cafe should have a grease trap installed in its line before the septic tank. Please provide details.
8. The four inch line from septic tank number 1 to the eight inch main shows a slope of  $S = 0.010$ .

The four inch line from septic tank number 2 to the eight inch main shows a slope of  $S = 0.0198$ .

The eight inch line from manhole number 1 to manhole number 2 shows a slope of  $S = 0.004$ .

The eight inch line from manhole number 2 to the lagoon shows a slope of  $S = .0044$ .

The slope of all these lines appears to be marginal. Please provide the necessary calculations to show that a minimum scour velocity of 2 fps is maintained. Slopes slightly less than those required for the 2.0 fps velocity, when flowing full, may be permitted. Such decreased slopes will only be considered where the depths of flow will be 0.3 of the diameter or greater for design average flow.

9. Please provide details of the connection of the four inch laterals to the eight inch main showing exactly how the connection will be made and all materials used.

Please provide the required information and revised drawings, in triplicate, to this office as soon as possible. This office expects this construction to take place this fall. Do you concur? If you have any questions, please call me.

FL/kn



PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-416 RRR

Sterling Construction Mobile Home Court  
(Name of Facility)

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

Sterling Construction Company  
Wamsutter, WY 82336

to construct, install, or modify a waste collection and disposal system for a 5  
unit mobile home court on Lot 28 of the Wamsutter Industrial Park

facility according to the procedures and conditions of the  
application No. 80-416 RRR. The facility is located in Section 34, T.20N.,  
R.94W.

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 Per-  
mittee understands that it is solely responsible to any third parties for any liabil-  
ity 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 Environ-  
mental 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.

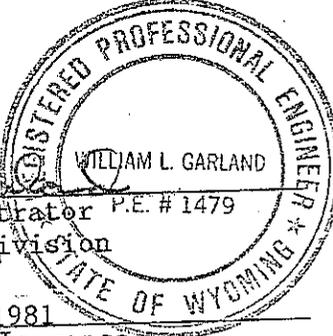
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

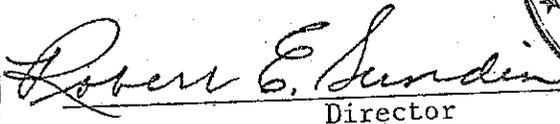
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

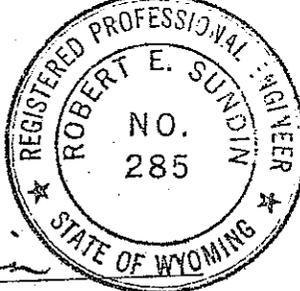
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. #1479  
Water Quality Division  
August 28, 1981  
Date of Issuance



  
Robert E. Sundin  
Director  
Dept. of Environmental Quality



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

FL/pm  
9/1/81



*Department of Environmental Quality*  
*Water Quality Division*

~~210 Lincoln~~

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

August 31, 1981

CERTIFIED MAIL

Sterling Construction Co.  
PO Box 1186  
Sterling, CO 80751  
ATT: Bud Simpson

RE: Sterling Construction Co. Mobile  
Home Court, DEQ #80-416

Dear Mr. Simpson:

The plans and specifications for the revised wastewater collection and disposal system on Lot 28 of the Wamsutter Industrial Park have been approved. The permit, #80-416RRR and approved plans, will be sent to your engineer in the near future. You are requested to notify me of when the wastewater system will be reconstructed. A representative from this department will make an on-site inspection to determine if the new system is being installed in accordance with the authorized plans.

During the course of the review process it was discovered that the water system serving the above referenced trailer court has never been approved by this department. Enclosed is a copy of a letter to Chances "R" Trucking informing them of what has to be done to get their water system approved. As in your case "as built" of the entire system will be needed. If it turns out any part of the system fails to meet minimum design standards, the system will have to be modified.

If you have any comments or questions, please contact me at this office.

Yours truly,

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

Francis LaBarge  
Water Quality Evaluator  
Southwest District

FL/ch

xc: Jake Strohmman - Engineering Control Supervisor - Cheyenne DEQ/WQD  
Steve Jones - Assistant Attorney General  
Monty Winter - Robert Jack Smith & Associates  
File (2)



*Cher*

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: Sterling Construction Co., Mobile Home Court

ENGINEER: Robert Jack Smith & Associates, Inc.  
Box 1104  
Rawlins, WY 82301  
ATT: Monty Winter

OWNER: Sterling Construction Co.  
Wamsutter, WY 82336  
ATT: R. W. Jones

WATER QUALITY DIVISION REFERENCE NUMBER: 80-416RR

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

DATE OF REVIEW: August 7, 1981

ACTION: Not authorized.

COMMENTS: A review of your resubmittal has been completed. The following points remain to be resolved before a "Permit to Construct" can be issued for the necessary modifications. I have replied in the order of my June 19, 1981 review letter and listed additional comments regarding the changes from the original plans.

1. resolved
2. resolved
3. resolved
4. resolved
5. resolved
6. (a) resolved  
(b) resolved  
(c) A minimum access opening of 18 inches is required.  
(d) resolved  
(e) Baffles must be concrete or plastic, wood is unacceptable. A baffle is required on both the inlet and outlets. Baffles should protrude 1 inch from the top to a depth of forty percent of the liquid depth and be located 6 to 8 inches from the septic tank wall.  
(f) resolved  
(g) resolved



7. resolved
8. resolved
9. resolved
10. (a) resolved  
(b) resolved  
(c) resolved  
(d) resolved
11. The slope of the final ten feet of the sewer line preceeding the septic tank should not be greater than 2 feet per hundred feet.
12. resolved
13. The sewer riser pipe must terminate a minimum of 4 inches above natural ground. The detail does not show this. The 4 inch service line should connect to the collection main at a 45 degree angle.
14. resolved
15. resolved
16. resolved
17. Please be advised that the Notice of Violation states these units are on Lot 29 which was stated by Marcus Gutierrez. Please consider this point resolved.

Additional Comments

18. Water risers should be protected by a concrete apron or other approved method. The detail does not show this.
19. A note should be placed on the drawings referring the specifications for construction details of the evapotranspiration bed.
20. What is the length of the 6 inch sewer line? If it is greater than 400 feet a manhole is required at the end of it.
21. A manhole is required where the 6 inche sewer line changes grade.
22. Does the water source have ten or more service connections? If it does it must be covered by a permit from this office. If it is not permitted "as builts" of the system will be needed. Contact me for more details.

Please submit the required information and revised drawings, in triplicate, to this office within fifteen (15) days of your receipt of this letter. If you have any questions please call me.



Review of Plans and Specifications  
Sterling Construction Co., Mobile Home Court  
DEQ #80-416RR  
August 7, 1981  
Page 3

It is expected that when the plans are approved and a "Permit to Construct" is issued the facility will be modified this year. An inspection will be made to determine compliance and the Attorney General's Office informed of the results of the inspection.

FL/ch  
8/10/81

xc: Jake Strohman - Engineering Control Supervisor  
Steve Jones - Assistant Attorney General  
Bob Simpson - Sterline Construction Co.  
PO Box 1186  
Sterling, CO 80751



*Cheyenne*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
933 MAIN STREET  
LANDER, WYOMING 82520

CERTIFIED MAIL

PHONE: (307) 332-3144

PROJECT: Sterling Construction Company Mobile Home Court

ENGINEER: Robert Jack Smith & Associates, Inc.  
Box 1104  
Rawlins, WY 82301  
ATTN: Paul McCarthy

OWNER: Sterling Construction Co.  
Wamsutter, WY 82336  
ATTN: R. W. James

WATER QUALITY DIVISION REFERENCE NUMBER: 80-416R

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

DATE OF REVIEW: June 19, 1981

ACTION: ~~XXXXXXXXXXXX~~ "As-Builts" NOT approved.

COMMENTS: A review of the above referenced "as-built" plans showed them to be incomplete. Before a complete review can be made, the following information is needed:

- 1) What is the ground slope in the area of the leach field?
- 2) What is the slope of the leach field piping?
- 3) What is the percolation rate in the area of the leach field?
- 4) What is the soil type in the area of the leach field?
- 5) What is the depth to the highest known groundwater or impervious layer?
- 6) The following information is needed on the septic tank:
  - a) cross-sectional view
  - b) number of compartments
  - c) type, size and location of access
  - d) material tank is constructed of
  - e) number and type of baffles
  - f) type of tank (i.e., standard, aerated or heated)
  - g) tank coating

*A, B, C*



Review of Plans and Specifications

Sterling Construction Company Mobile Home Court (DEQ #80-416R)

Date of Review: June 19, 1981

Page Two

- 7) Septic tank inlet and outlet piping must be schedule 40 PVC or cast iron for a distance of five feet on either side of the tank. Is it?
- 8) A cross-sectional drawing of a typical leach field distribution line is needed.
- 9) What size are the leach field distribution lines? What type of pipe are they?
- 10) The following distances are required:
  - a) from the septic tank to the property boundary
  - b) from the leach field to the nearest well
  - c) from the septic tank to the leach field
  - d) from the leach field to the property boundary
- 11) A sewer line profile is needed.
- 12) A typical cleanout detail is needed.
- 13) A typical service line and riser detail is needed.
- 14) What is the horizontal separation distance between the sewer and water lines?
- 15) The construction specifications used to install the system are needed.
- 16) What is the horizontal distance between the water and sewer risers?
- 17) During my April 9, 1981 inspection, I was informed these five trailers were on Lot 29, but you show them on Lot 28. Please clarify.

Upon receipt of this additional information, a detailed review will be made to determine compliance with minimum design standards as defined by the State of Wyoming.

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

FL:nb

cc: Jake Strohman, Engineering Control Supervisor, Cheyenne DEQ/WQD  
Steve Jones, Assistant Attorney General  
Bub Simpson, Sterling Construction Co., P.O. Box 1186, Sterling, CO 80751





*Department of Environmental Quality*  
*Water Quality Division*

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

June 22, 1981

CERTIFIED MAIL

Sterling Construction Co.  
P.O. Box 1186  
Sterling CO 80751

Attn: Bub Simpson

Re: Sterling Construction Co. Mobile Home  
Court, DEQ #80-416

Dear Mr. Simpson:

I am in receipt of your June 9, 1981 letter stating there is now one shop and four trailers on Lot 7 of the Wamsutter Industrial Park, and that no more oil will be dumped in the drainage ditch south of the shop. This satisfies the requirements of this office as far as Lot 7 is concerned. If you ever decide to add any additional trailers to Lot 7, you must first obtain the necessary permit from this office.

The "as built" plans of the five-unit trailer court are incomplete. A review letter (copy enclosed) requesting additional information has been sent to your engineer. The review letter should be self-explanatory.

Please be advised that a satisfactory reply to this review letter is due in this office within thirty (30) days of your receipt of it. The Attorney General's office is being kept informed of this case as it proceeds.

Yours truly,

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

Francis LaBarge  
Water Quality Evaluator  
Southwest District

FL:nb

Enclosure

cc: Jake Strohman, Engineering Control Supervisor, Cheyenne DEQ/WQD  
Steve Jones, Attorney General's office



THE STATE



OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

August 20, 1980

Sterling Construction Company  
P.O. Box 39  
Wamsutter, WY 82336

Attention: James S. Sauls

Re: DEQ #80-416

Dear Sir:

This office has received your application for permit to construct a trailer park. However, your proposed park cannot be considered under the heading of a private water supply because ten or more service connections is considered a public water supply. Also, if more than one single family mobile home unit is connected to a septic tank, this can no longer be considered a small wastewater facility.

Therefore, the application must be accompanied by three sets of plans and specifications. All plans and specifications submitted shall carry the seal or signature of the design engineer, who is registered in the State of Wyoming.

Please find enclosed a copy of the Wyoming Water Quality Rules and Regulations - Chapter III. This should serve to inform you of the steps required in getting the proposed trailer park approved for construction. Please be advised that any construction before the permit to construct is issued is in violation of the Wyoming Water Quality Rules and Regulations.

If you have any questions, please call me.

Respectfully,

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

Francis LaBarge  
Water Quality Engineer  
Southwest District

FL/kn

Enclosure

(B)



PERMIT TO CONSTRUCT

New

Permit No. 80-417R

Renewal

Modified

Juby's Mobile Home Park  
(Name of Facility)

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

Emmett Knox  
Route 2, Box 3600  
Cody, WY 82414

to construct, install, or modify a Wastewater collection

facility according to the procedures and conditions of the application

No. 80-417R. The facility is located in Tract 71, T53 N,  
R101 W

in the County of Park, 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.

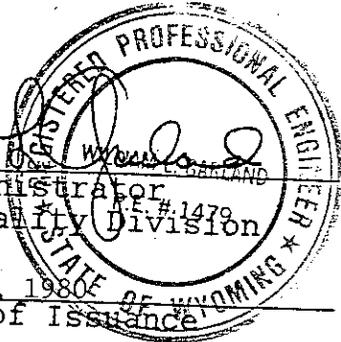
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

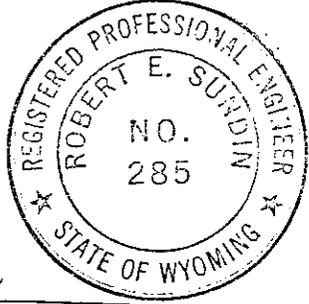


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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. Ireland*  
Administrator  
Water Quality Division  
September 30, 1980  
Date of Issuance

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

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

JCH/yh



PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 80-418RR  
Ref. No. 77-200

Old Corral Restaurant and Motel  
(Name of Facility)

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

Pat Self

Box 217

Centennial, WY 82055

to construct, install, or modify a surge and aeration tank

facility according to the procedures and conditions of the application

No. 80-418RR. The facility is located in Section 3,  
Ref. No. 77-200  
T15N, R78W

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

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

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

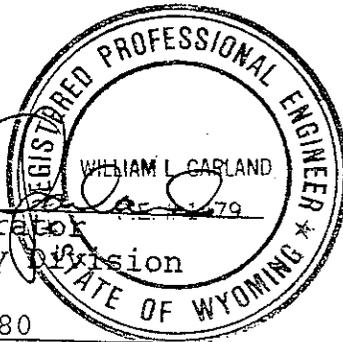
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

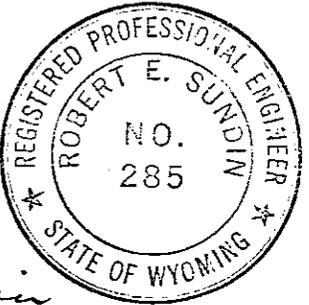


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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*  
W.L.G.  
Administrator  
Water Quality Division  
STATE OF WYOMING

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

October 23, 1980  
Date of Issuance

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

cc: W. E. Grenier  
Associated Engineers  
910 Garfield  
Laramie, WY 82070



Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
401 West 19th Street  
Cheyenne, Wyoming 82002

also per d  
add - enj  
10-16-80  
80-418R2

PROJECT: Old Corral Restaurant and Motel

ARCHITECT OR ENGINEER: William Grenier, P.E., Associated Engineers  
910 Garfield Street, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 80-418R

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

DATE OF REVIEW: 10-9-80

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The size of the surge tank by-pass pipe, material specifications and slope must be shown.
2. Details of the by-pass controls in the manholes must be shown.
3. What is the size and spacing of the notches in the proposed new clarifier weirs.
4. The tank coating specifications indicates the factory coating is a primer. What type of finish coat will be applied?



80-418  
9-2-80

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Old Corral Restaurant and Motel

ARCHITECT OR ENGINEER: William Grenier, P.E., Associated Engineers  
910 Garfield Street, Laramie, Wyoming 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 80-418

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

DATE OF REVIEW: 9-15-80

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The existing air blowers for the extended aeration plant are inadequate. The blowers should each be capable of delivering 35 cubic feet of air per minute. Therefore, additional blower capacity must be provided.
2. A by-pass should be provided around the surge tank for tank maintenance proposed.
3. Either a manhole will need to be provided where the two sewer pipes intersect ahead of the surge tank or both pipes must enter the tank.
4. Contrary to our telephone conversation, duplex pumps will not be required in the surge tank.
5. The electrical controls must not be located in the surge tank area. Any electrical conduits or cables entering the surge tank must be sealed.
6. The air diffusers in the surge tank must be removable for maintenance purposes.
7. Please specify the tank coatings.
8. The bottom of the surge tank must be supported for its entire length.
9. Treated lumber should be used over the surge tank.
10. Due to the deep snow cover over the area during the winter, the vents for the surge tank and treatment plant should be raised to prevent plugging. Also, an air makeup vent should be provided for the air blowers.
11. Positive ventilation should be provided for the surge tank and treatment plants.
12. The weirs in the clarifier of the treatment plant must be leveled. We suggest they be replaced with v-notch weirs.
13. The treatment plant should be thoroughly cleared,



cc: Gray Wangelin  
Engineering Inspection Testing Service  
P. O. Box 4075  
Casper, WY 82601

log 8/10

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-419

Neosho Construction Company, Inc.  
(Name of Facility)

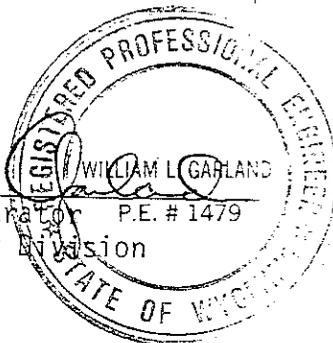
This permit hereby authorizes the applicant:

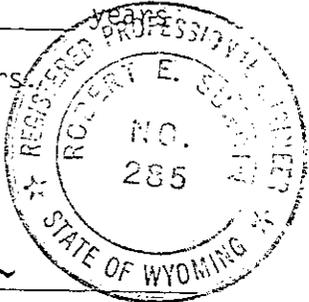
Stillwagon Harry  
(Last) (First) (Middle)  
% Neosho Construction Company, Inc.  
P. O. Drawer 2260  
(Street or P.O. Box)  
Mills, WY 82644  
(City) (County) (State)

to construct, install, or modify a commercial, subsurface wastewater disposal  
facility located in Section 20, T35N, R79W  
(Legal Description)

in the County of Natrona, in the State of  
Wyoming. This permit shall be effective for a period of (2) two  
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

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


Robert E. Sunden  
Director  
Wyoming Dept. of Environmental Quality  


September 2, 1980  
Date of Issuance

"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."

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.



PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-420  
(EPA C560107-02)

PORTION OF LITTLE GOOSE INTERCEPTOR SEWER  
(Name of Facility)

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

City of Sheridan, c/o Cliff Sanders

P.O. Box 848

Sheridan, Wyoming 82801

to construct, install, or modify a sewage collection line (as shown on Sheet 18 of 39, Station 152 + 85.12 through Station 154 + 14.12, in the approved plans)

facility according to the procedures and conditions of the application

No. 80-420. The facility is located in Section 35,  
T.56N., R.84W.

in the County of Sheridan, 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.

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.

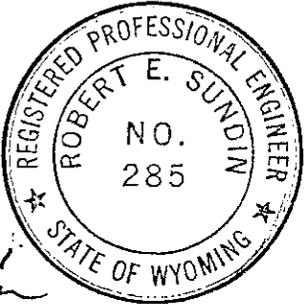


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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. G. [unclear]  
Administrator  
Water Quality Division  
September 17, 1980  
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.



PERMIT TO CONSTRUCT

New

Permit No. 80-421RR

Renewal

Modified

Wyoming Highway Patrol Building  
(Name of Facility)

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

Wyoming State Highway Department

5300 Bishop Boulevard

Cheyenne, WY 82002

to construct, install, or modify a sewage collection system

facility according to the procedures and conditions of the application

No. 80-421RR. The facility is located in Section 24,  
T14N, R67W

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.

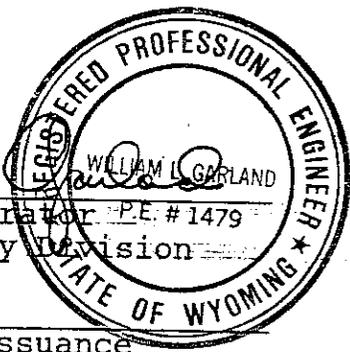
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

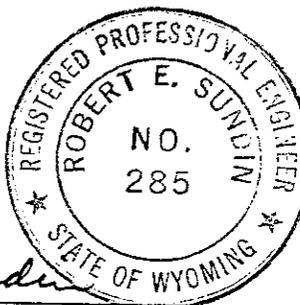


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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  
STATE OF WYOMING

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

October 3, 1980  
Date of Issuance

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

cc: John Parks  
McFall, Konkel & Kimball  
3001 Henderson Drive  
Cheyenne, WY 82001



213

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Wyoming Highway Patrol Building

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

WATER QUALITY DIVISION REFERENCE NUMBER: 80-421R

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

DATE OF REVIEW: 9-16-80

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The basis of design for the sanitary sewer and raw sewage lift station must be provided. Also indicate the number of occupants of the building(s) served.
2. The raw sewage lift station cannot be approved as shown on the plan. Enclosed is a copy of the "Recommended Standards for Sewage Works" which must be followed. (See Chapter 30). Also enclosed for your use is a booklet titled "Recommended Guidelines for Sewage Pumping at Nonmunicipal Installations" which may help explain the design requirements.
3. The sanitary sewer should be at least 8-inch diameter pipe. However, 6-inch diameter pipe can be considered depending on design flow and a minimum slope of 0.6 feet per 100 feet.
4. A detail showing the sanitary sewer "bedding" must be provided. Also, we suggest that if cast iron pipe is installed, mechanical or compression joints be used rather than leaded joints.
5. A detail of the water meter pit must be shown. A reduced pressure zone backflow preventer must be installed between the potable water supply main and the sprinkler main. No potable water supply is allowed from the sprinkler main.
6. The plans and specifications must be sealed or signed by the design engineer.



log slide  
M 3-15

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Wyoming Highway Patrol Building

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

WATER QUALITY DIVISION REFERENCE NUMBER: 80-421

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

DATE OF REVIEW: 9-15-80

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The basis of design for the sanitary sewer and raw sewage lift station must be provided. Also indicate the number of occupants of the building(s) served.
2. The raw sewage lift station cannot be approved as shown on the plan. Enclosed is a copy of the "Recommended Standards for Sewage Works" which must be followed. (See Chapter 30). Also enclosed for your use is a booklet titled "Recommended Guidelines for Sewage Pumping at Nonmunicipal Installations" which may help explain the design requirements.
3. The sanitary sewer should be at least 8-inch diameter pipe. However, 6-inch diameter pipe can be considered depending on design flow and a minimum slope of 0.6 feet per 100 feet.
4. A detail showing the sanitary sewer "bedding" must be provided. Also, we suggest that if cast iron pipe is installed, mechanical or compression joints be used rather than leaded joints.
5. The maximum spacing of manholes is 400 feet.
6. A detail of the water meter pit must be shown. A reduced pressure zone backflow preventer must be installed between the potable water supply main and the sprinkler main. No potable water supply is allowed from the sprinkler main.
7. The plans and specifications must be sealed or signed by the design engineer.



cc: Keith Neustel  
P.O. Box 432  
Buffalo, WY 82834

M 8-2-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-422

BARBER TRANSPORTATION LOADING DOCK WASTEWATER FACILITIES  
(Name of Facility)

This permit hereby authorizes the applicant:

Garland \_\_\_\_\_ Ray \_\_\_\_\_  
 (Last) (First) (Middle)  
 Morris Construction  
 Box 563  
 \_\_\_\_\_  
 (Street or P.O. Box)

Gillette \_\_\_\_\_ Campbell \_\_\_\_\_ Wyoming 82801  
 (City) (County) (State)

to construct, install, or modify a wastewater disposal  
 facility located in \_\_\_\_\_ Section 9, T.50N., R.72W.  
 (Legal Description)

in the County of Campbell, in the State of  
 Wyoming. This permit shall be effective for a period of two (2) years  
 from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

*William L. Garland*  
 ADMINISTRATOR  
 Water Quality Division  
 REGISTERED PROFESSIONAL ENGINEER  
 WILLIAM L. GARLAND  
 P.E. # 1479  
 STATE OF WYOMING

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

August 27, 1980  
Date of Issuance

"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."



cc: Jeff Couch  
BRW/Noblitt  
1912 Capitol Avenue, Suite 300  
Cheyenne, WY 82001

600-423

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-423

Sunnyside Annexation  
(Name of Facility)

This permit hereby authorizes the applicant:

City of Cheyenne  
(Last) (First) (Middle)

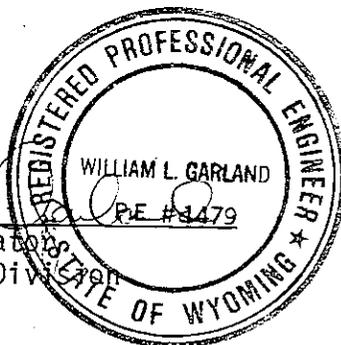
2101 O'Neil  
(Street or P.O. Box)

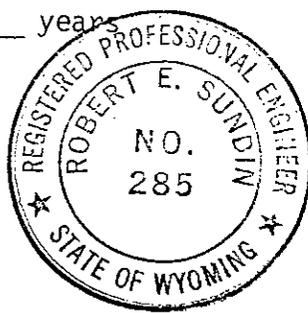
Cheyenne, WY 82001  
(City) (County) (State)

to construct, install, or modify a public water supply & municipal wastewater collection system  
facility located in Section 27, T14N, R66W  
(Legal Description)

in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland  
Administrator  
Water Quality Division  


Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality  


August 21, 1980  
Date of Issuance

"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."



PERMIT TO CONSTRUCT

- New
- Renewal
- Modified and Change of Ownership

Permit No. 80-424RR

Lyons Street Sewer Line Extension  
(Name of Facility)

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

Mr. and Mrs. Donald Bunn and

Mr. and Mrs. Lawrence Clark

P.O. Box 1289

Laramie, WY 82070

to construct, install, or modify a municipal sewer collection facility according to the procedures and conditions of the application No. 80-424RR. The facility is located in Lyons Street, Section 29, T16N, R73W in the County of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

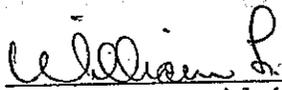
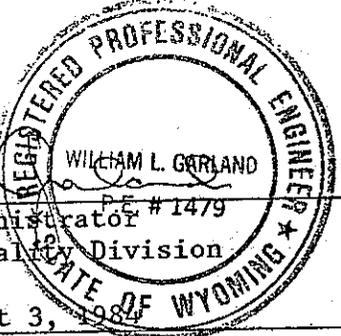
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

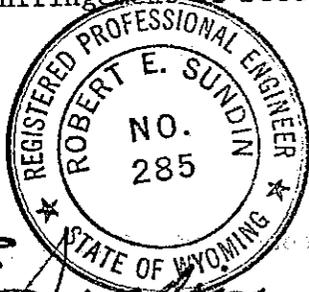
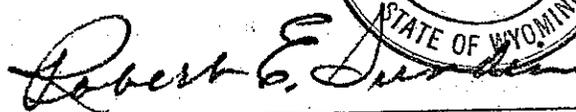
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
PE # 1479  
Administrator  
Water Quality Division  
August 3, 1984  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

cc: Hammond Land Surveying, Inc.  
P.O. Box 471  
Laramie, WY 82070

# HAMMOND LAND SURVEYING, INC.

PHONE 307-742-0670

1369 A North 4th

LARAMIE, WYOMING 82070

Mailing Address:  
P.O. Box 471  
Laramie, Wyoming 82070

August 1, 1984

Wyoming Dept. of Environmental Quality  
Water Quality Division  
1111 East Lincolnway  
Cheyenne, WY 82001  
Atten: T.S. Norman

Dear Mr. Norman,

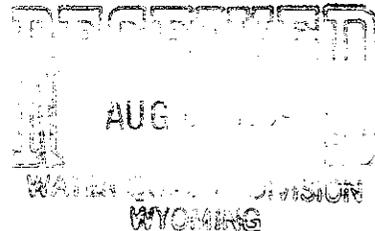
This is the information you requested in order to transfer Department of Environmental Quality permit number 80-424RR from Nina M. VanCleve to Don and Doris Bunn, and Lawrence and Lois Clark.

If any additional paper work is necessary or if you should require more information concerning this project please contact our office.

Sincerely, \_\_\_\_\_

*Andy Long III*  
Andy Long, III

AL/dd

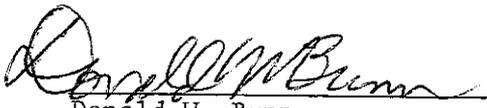




Wyoming Department of Environmental Quality  
Water Quality Division  
1111 East Lincolnway  
Cheyenne, WY 82001  
Attn: T.S. Norman

Dear Mr. Norman:

This letter is to inform you that the undersigned parties are willing to take over Department of Environmental Quality permit number 80-424RR issued to Nina M. VanCleve in 1981, along with all requirements and specifications pertaining to said permit.

  
Donald W. Bunn

  
Lawrence W. Clark

  
Doris L. Bunn

  
Lois J. Clark

P.O. Box 1289  
Laramie  
82070



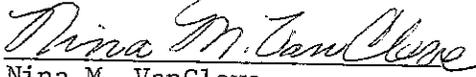
June 20, 1984

Wyoming Department of Environmental Quality  
Water Quality Division  
1111 East Lincolnway  
Cheyenne, WY 82001  
Attn. T.S. Norman

Dear Mr. Norman,

In 1981 I was issued a permit to construct an 8" pvc sewer line in Lyon Street in Laramie, Wyoming (Department of Environmental Quality permit number 80-424RR). After the permit was issued I did not follow through with the project due to the fact that I sold my property in the area. This letter is to inform you that I am willing to relinquish my involvement with this project, and that it is with my approval that the permit, specifications, and requirements be transferred to Donald W. Bunn, Doris L. Bunn, Lawrence W. Clark and Lois J. Clark.

Sincerely,

  
Nina M. VanCleve



# HAMMOND LAND SURVEYING, INC.

PHONE 307-742-0670

503 UNIVERSITY

LARAMIE, WYOMING 82070

Mailing Address:

P. O. Box 471

Laramie, Wyoming 82070

June 5, 1984

Wyoming Department of Environmental Quality  
Water Quality Division  
1111 East Lincolnway  
Cheyenne, WY 82002

Dear Mr. Norman,

As I mentioned in our phone conversation of May 30, 1984, in 1981 Nina VanCleve was issued a permit to construct an 8" sewer line in Lyon Street (DEQ permit no. 80-424RR). After the permit was issued Nina VanCleve decided not to follow through with the project. At this point in time the adjoining land owners would like to proceed with the project.

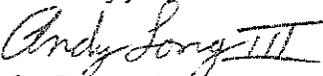
There are only going to be two design changes:

1. There will only be 1-4" pvc sewer tap extending to the north. The old plan shows five.
2. Proposed Rodeway Drive is not longer needed. So manhole MH-A as shown on the old plan will be moved 400 feet west of the existing manhole in McCue Street.

The new owners/developers of the project will be: Donald W. Bunn, Doris L. Bunn, Lawrence W. Clark, and Lois J. Clark.

If you have any questions concerning this project, or if more information is required, please contact our office.

Sincerely,

  
Andy Long, III

AL/dd



# HAMMOND LAND SURVEYING, INC.

PHONE 307-742-0670

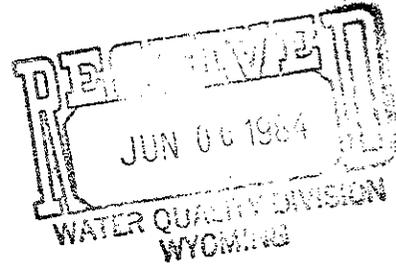
503 UNIVERSITY

LARAMIE, WYOMING 82070

Mailing Address:

P. O. Box 471

Laramie, Wyoming 82070



June 5, 1984

Wyoming Department of Environmental Quality  
Water Quality Division  
1111 East Lincolnway  
Cheyenne, WY 82002

Dear Mr. Norman,

As I mentioned in our phone conversation of May 30, 1984, in 1981 Nina VanCleve was issued a permit to construct an 8" sewer line in Lyon Street (DEQ permit no. 80-424RR). After the permit was issued Nina VanCleve decided not to follow through with the project. At this point in time the adjoining land owners would like to proceed with the project.

There are only going to be two design changes:

1. There will only be 1-4" pvc sewer tap extending to the north. The old plan shows five.
2. Proposed Rodeway Drive is no longer needed. So manhole MH-A as shown on the old plan will be moved 400 feet west of the existing manhole in McCue Street.

The new owners/developers of the project will be: Donald W. Bunn, Doris L. Bunn, Lawrence W. Clark, and Lois J. Clark.

If you have any questions concerning this project, or if more information is required, please contact our office.

Sincerely,

*Andy Long III*  
Andy Long, III

AL/dd



LEf

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-424RR

Lyons Street Sanitary Sewer Line Extension  
(Name of Facility)

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

Nina M. VanCleve  
2508 Maxwell  
Cheyenne, WY 82001

to construct, install, or modify a 278 L.F. of 8" diameter sewer line facility according to the procedures and conditions of the application No. 80-424RR. The facility is located in Lyons Street, Sec. 29, T16N, R73W in the County of Albany, in the State of Wyoming. This

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

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

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

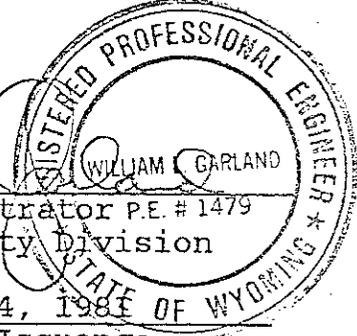
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

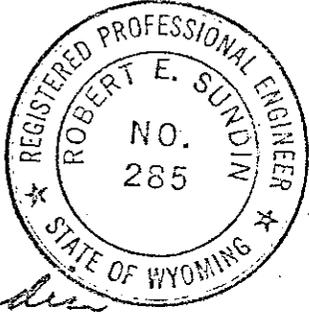


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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 P.E. # 1479  
Water Quality Division  
February 4, 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.

cc: Philip Hoyt, P.E.  
504 S. Fourth  
Laramie, WY 82070

David G. Hammond  
Hammond Land Surveying, Inc.  
503 University  
Laramie, WY 82070



LEB

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-424RR

Lyons Street Sanitary Sewer Line Extension  
(Name of Facility)

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

Nina M. VanCleve

2508 Maxwell

Cheyenne, WY 82001

to construct, install, or modify a 278 L.F. of 8" diameter sewer line facility according to the procedures and conditions of the application No. 80-424RR. The facility is located in Lyons Street, Sec. 29, T16N, R73W in the County of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

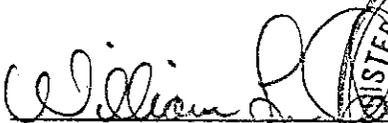
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

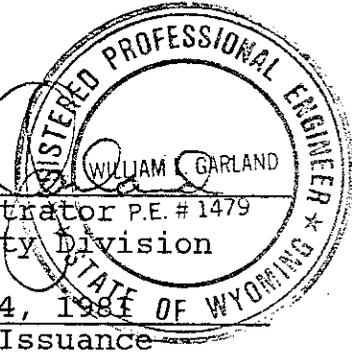


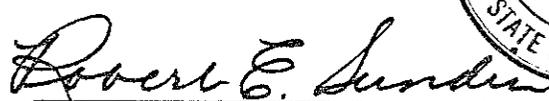
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

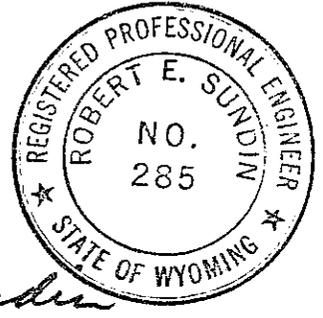
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM GARLAND  
Administrator P.E. #1479  
Water Quality Division  
February 4, 1981  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

cc: Philip Hoyt, P.E.  
504 S. Fourth  
Laramie, WY 82070

David G. Hammond  
Hammond Land Surveying, Inc.  
503 University  
Laramie, WY 82070



12081

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
401 West 19th Street  
Cheyenne, Wyoming 82002

PROJECT: Lyons Street Sanitary Sewer Line Extension, Albany Co.

ARCHITECT OR ENGINEER: Philip Hoyt, P.E., 504 S. 4th  
Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 80-424R

REVIEWING ENGINEER: T.S. Norman, E.I.T. *T.S. Norman*

DATE OF REVIEW: January 14, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

All plans must carry the seal or signature of a Wyoming Register Engineer (Water Quality Rules & Regulations, Chapter 3, Section 4.b.).

cc: David G. Hammond  
Hammond Land Surveying, Inc.  
503 University  
Laramie, WY 82070

Nina M. VanCleve  
2508 Maxwell  
Cheyenne, WY 82001



60-230  
11-1-80

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Lyons Street Sanitary Sewer Line Extension, Laramie, Wyoming

ARCHITECT OR ENGINEER: Philip M. Hoyt, P.E., 504 S. Fourth, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 80-424

REVIEWING ENGINEER: T. S. Norman, E.I.T. *T. S. Norman*

DATE OF REVIEW: September 2, 1980

ACTION: ~~NOT AUTHORIZED FOR CONSTRUCTION~~

COMMENTS:

1. We do not recommend the 'Bedding Detail' as shown on the 'Drawing'. We suggest that the pipe rest on 4 inches of compacted granular material. We believe this also to be more in-line with the pipe manufacturer's recommendation.
2. A service connection detail is required.
3. Ten State Standards recommend that all known existing utilities which might interfere with the proposed construction be shown on the Plan and Profile. This would include not only water mains but gas mains, telephone lines, and power conduits along with their respective services. Have all known utilities been identified?
4. Vetrified clay is listed in the specifications. Will this be an allowable type of pipe? (Section II. 1.0.3.a.)
5. What is the permissable deviation for alignment? (Section II. 3.01.a.8)



PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-425

Cowley's Water Storage Tank  
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Cowley - Agent: Harry Schmitt, P.E.  
(Last) (First) (Middle)

P.O. Box 172  
(Street or P.O. Box)

Cowley Wyoming 82420  
(City) (County) (State)

to construct, install, or modify a 200,000 gallon water storage tank  
~~facility~~ located in Sec. 32, T. 57N, R. 96W  
(Legal Description)

in the County of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland  
 Registered Professional Engineer  
 WILLIAM L. GARLAND  
 P.E. 1479  
 State of Wyoming  
 Administrator  
 Water Quality Division

Robert E. Sundin  
 Registered Professional Engineer  
 ROBERT E. SUNDIN  
 NO. 285  
 State of Wyoming  
 Director  
 Wyoming Dept. of Environmental Quality

August 28, 1980  
Date of Issuance

"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."



REVIEW OF PLANS AND SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
933 MAIN STREET,  
LANDER, WYOMING, 82520.

(307) 332-3144

PROJECT: Cowley's Water Storage Tank

ENGINEER: Sanderson/Stewart/Gaston  
1629 Avenue D  
Billings, Montana 59102  
Attention: Harry Schmitt, P.E.

OWNER: Town of Cowley  
P.O. Box 172  
Cowley, WY 82420

WATER QUALITY DIVISION REFERENCE NUMBER: 80-425

REVIEWING ENGINEER: M. Robin Collins, P.E.



DATE OF REVIEW: August 28, 1980

ACTION: ~~NOT~~ AUTHORIZED.

COMMENTS:

The aforementioned facility is authorized and permitted for construction. The following comment is given as confirmation of action to be taken by the engineer:

Shop drawings from the tank manufacturer need to be submitted to this office as soon as they become available.

MRC/kn



PERMIT TO CONSTRUCT

New

Permit No. 80-426

Renewal

Modified

Jeffrey City Water and Sewer Extension for New School  
(Name of Facility)

This permit hereby authorizes the applicant:

Jeffrey City School  
(Last) (First) (Middle)

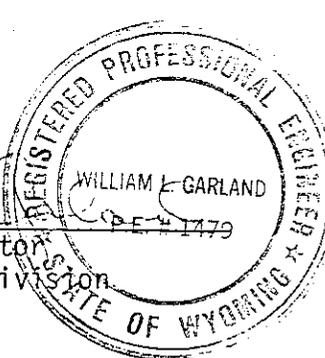
P.O. Box 130  
(Street or P.O. Box)

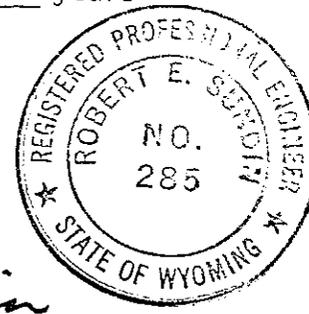
Jeffrey City Wyoming 82310  
(City) (County) (State)

to construct, install, or modify a water and sewer line  
facility located in Sec. 16, T. 29N, R. 92W  
(Legal Description)

in the County of Fremont, in the State of  
Wyoming. This permit shall be effective for a period of two years  
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland  
Administrator  
Water Quality Division  


Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality  


August 22, 1980  
Date of Issuance

"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."



PERMIT TO CONSTRUCT

New

Permit No. 80-427

Renewal

Modified

Norton Drilling No. 1 Small Wastewater Facility  
(Name of Facility)

This permit hereby authorizes the applicant:

Norton Drilling Company

(Last)

(First)

(Middle)

2310 New Hampshire

(Street or P.O. Box)

Green River

(City)

Wyoming

(County)

82935

(State)

to construct, install, or modify a small wastewater

facility located in NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , Sec. 12, T. 18N, R. 106W

(Legal Description)

in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland  
Administrator  
Water Quality Division

P.E. # 1479

Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality

August 22, 1980

Date of Issuance

"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."

FL/kn



PERMIT TO CONSTRUCT

New

Permit No. 80-428RRR

Renewal

Modified

EMC Plant Sewage System

(Name of Facility)

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

EMC Corporation

P. O. Box 872

Green River, WY 82935

to construct, install, or modify a sewage collection system,

1 lift station, 1 primary lagoon, 13 acre Evaporation Pond.

facility according to the procedures and conditions of the application

No. 80-428RRR. The facility is located in Sec. 15, T. 19N,

R. 110W

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.

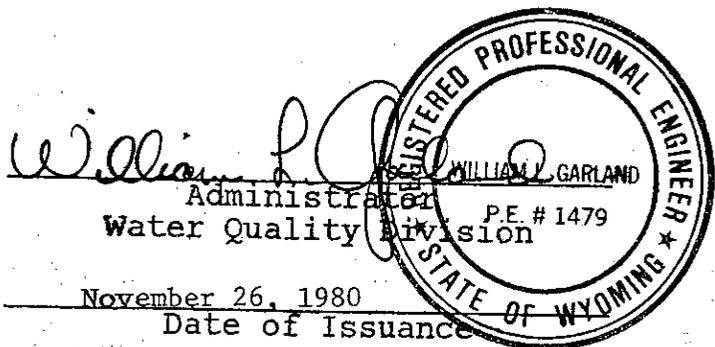
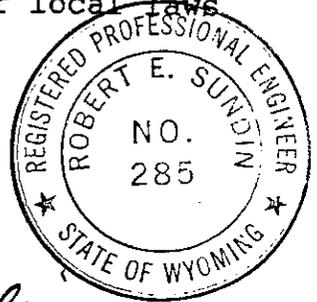
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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



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

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

AUTHORIZED BY:



William J. Garland  
Administrator  
Water Quality Division

Robert E. Sundin  
Director  
Dept. of Environmental Quality

November 26, 1980  
Date of Issuance

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

F1/yh



REVIEW OF PLANS AND SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
933 MAIN STREET,  
LANDER, WYOMING, 82520.

(307) 332-3144

PROJECT: FMC Plant Sewage System

ENGINEER: Tudor Engineering Company  
1953 East A. Street  
Casper, Wy. 82601

OWNER: FMC Corporation  
P.O. Box 872  
Green River, Wy. 82935

WATER QUALITY DIVISION REFERENCE NUMBER: 80-428R

REVIEWING ENGINEER: Francis LaBarge *FL*

DATE OF REVIEW: September 10, 1980

ACTION: NOT AUTHORIZED.

COMMENTS: The following points have to be clarified, concerning the primary lagoon and evaporation pond, to complete the review so the permit to construct can be issued.

- 1) Information will be needed on the percolation rate of the soil in the evaporation pond.
- 2) A complete chemical analysis of the water going into the evaporation pond and of the ground water is required.

This information will be used to evaluate the possibility of groundwater contamination and what measures, such as a liner, leak detection system etc., may be required to protect the quality of the groundwater. This is particularly critical in this case because the groundwater table is so high.

As you indicated in our phone conversation the evaporation pond size will be changed. I will need three sets of the new evaporation rates, flow rates etc., that were used to size the revised pond along with three sets of drawings of the pond.

Construction of the project, excluding the lagoons and evaporation ponds, may begin. I have reviewed that portion of the project and those plans appear to meet minimum state standards. Let me emphasize that the lagoons and evaporation pond have not been approved and therefore no construction of these facilities should take place until the permit to construct has been issued.



I have enclosed copies of Chapters 8, 9, and 10 for your reference. Please be aware that each project is evaluated on an individual basis and therefore our requirements may vary based on the data particular to that site. If you have any questions, please call me at this office.

FL/lh

Enclosures



PERMIT TO CONSTRUCT

New

Permit No. 80-429RRRR

Renewal

Modified

Air Base Acres Water Distribution System

(Name of Facility)

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

Air Base Acres Improvement & Service District

8178 West Yellowstone

Casper, WY 82601

to construct, install, or modify a public water distribution  
system

facility according to the procedures and conditions of the application

No. 80-429RRRR. The facility is located in Section 28,

T34N, R80W

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

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

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

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.

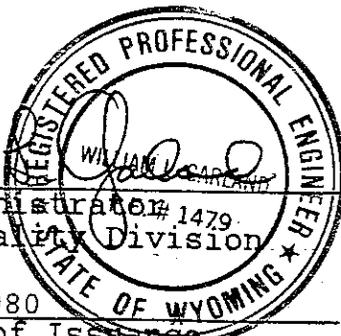


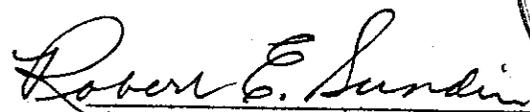
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

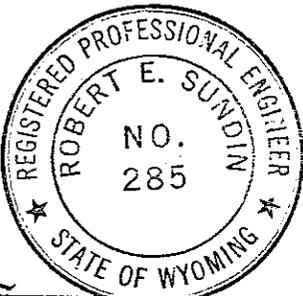
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
Administrator #1479  
Water Quality Division  
October 3, 1980  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

cc: Wayne Rosendahl, P.E.  
Rosendahl & Associates  
1360 North Main  
Sheridan, WY 82801



cc: Wayne Rosendahl, P.E.  
Rosendahl & Associates  
1360 North Main  
Sheridan, WY 82801

*File*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Air Base Acres

ARCHITECT OR ENGINEER: Wayne Rosendahl, P.E.

WATER QUALITY DIVISION REFERENCE NUMBER: 80-429RR

REVIEWING ENGINEER: T.S. Norman, E.I.T. *T.S. Norman*

DATE OF REVIEW: 9-22-80

ACTION: NOT RECOMMENDED FOR CONSTRUCTION

COMMENTS:

1. What are the estimated pressure ranges of the water entering the system at point 'x'?
2. The pressure loss analysis on page 3/6 for 'run x-y' does not include the losses through the meter pit. Can you include this?
3. The meter vault does not have adequate views and information for construction.
  - a. A cross-section showing elevations is necessary.
  - b. Where does the drain discharge to?
  - c. The piping, valves, and meters must be supported due to their weight.
  - d. What type of connection or seal is to be used for the pipes going through the walls?
  - e. What type of frost protection is going to be used?
  - f. The piping through the meter should be analyzed for thrusts. Considerable pressure will be exerted at 1) fire flow conditions, 2) if valves are closed, or 3) if a valve or meter is taken out of service.
  - g. Would some type of marker posts be appropriate for easy location during snow conditions?
  - h. What is the flow capacity on the meter? Will fire flows damage the meter?
4. How will the water main be reduced from 16" to 10"? The 'Schedule of Materials' does not indicate any method. Would a 'T' be appropriate for further connection to the south?
5. You mentioned that all individual meters will have remote read-outs. The 'Typical Meter Box' does not indicate this.
6. In re-explaining the water system to the DEQ Certification Officer (Bill Loft), he agreed that a certified operator must be responsible for the distribution system. I would surmise that a Class I operator would be adequate. Please inform us of the certified operator who will be in charge.



Review of Plans and Specifications

Page 2

7. I think a note stating the actual minimum depth of cover over the pipeline to prevent freezing would be appropriate.
8. Section 301 specifications on water mains does not include specifications for 'Permastran' pipe as it is not classified as PVC pipe.
9. Section 301.07.5. Preliminary Flushing. The sites and velocities of flushing are not stated as specified.
10. Section 301.07.08. Final Flushing. The sites of flushing of the heavily chlorinated water shall be designated and shall not be detrimental to any receiving stream. DEQ shall be notified prior to this discharge.
11. Section 303. Specifications on individual meters and read-outs are not included.



PERMIT TO CONSTRUCT

New

Permit No. 80-430

Renewal

Modified

Farmers Brothers Coffee Company  
(Name of Facility)

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

Larson Construction Company

P. O. Box 1527

Mills, Wyoming 82644

to construct, install, or modify a small subsurface wastewater disposal

facility according to the procedures and conditions of the application

No. 80-430. The facility is located in Section 32,

T34N, R79W

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

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

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

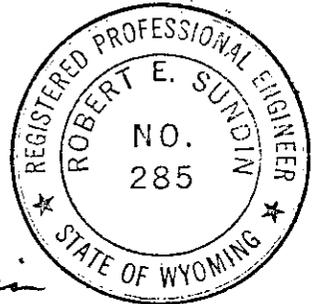
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

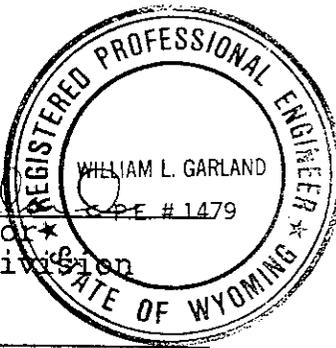


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

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

September 11, 1980  
Date of Issuance

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

cc: Detmer R. Knapp  
P. O. Box 2308  
Mills, WY 82644



LEB

PERMIT TO CONSTRUCT

New

Permit No. 80-431RR

Renewal

Modified

U. S. Department of Energy, Western Area Power Administration,  
(Name of Facility) Casper Field Office

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

U. S. Department of Energy, Western Area Power Administration

P. O. Box 589

Mills, Wyoming 82644

to construct, install, or modify an industrial subsurface disposal wastewater treatment

facility according to the procedures and conditions of the application

No. 80-431RR. The facility is located in NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , NE $\frac{1}{4}$ , Section 11, T33N, R80W

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

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

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

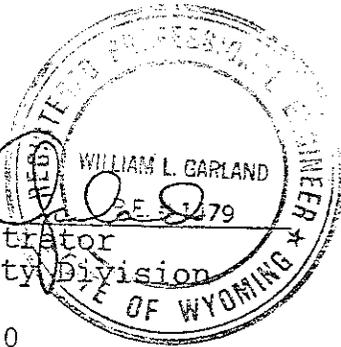
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

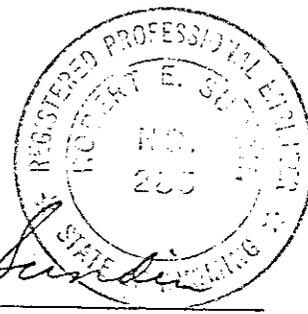


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:

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

  
*Robert E. Suter*  
REGISTERED PROFESSIONAL ENGINEER  
ROBERT E. SUTER  
No. 200  
STATE OF WYOMING  
Director  
Dept. of Environmental Quality

October 24, 1980  
Date of Issuance

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

cc: John R. Trabing  
Casper Field Branch  
Western Area Power Administration  
P. O. Box 589  
Mills, WY 82644

Walter R. Terry  
Western Area Power Administration  
P. O. Box 507  
Cheyenne, WY 82001



REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: U.S. Department of Energy, Western Area Power Administration, Casper  
Field Office

ARCHITECT OR ENGINEER: Walter R. Terry, Jr., Western Area Power Administration,  
P.O. Box 507, Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 80-431R

REVIEWING ENGINEER: T. S. Norman, E.I.T. *T.S. Norman*

DATE OF REVIEW: September 23, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The plans must carry the signature or seal of a professional engineer licensed in Wyoming. The application sheet is not adequate.



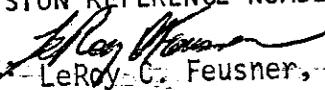
REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: U.S. Department of Energy, Western Area Power Administration, Casper  
Field Office

ARCHITECT OR ENGINEER: Walter R. Terry, Jr., Western Area Power Administration,  
P. O. Box 507, Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 80-431

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

DATE OF REVIEW: September 2, 1980

ACTION: ~~NOT~~ NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The plans must carry the signature or seal of a professional engineer licensed  
in Wyoming.

What is the slope of the sewer line from the garage building to the septic tank?





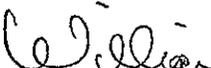
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

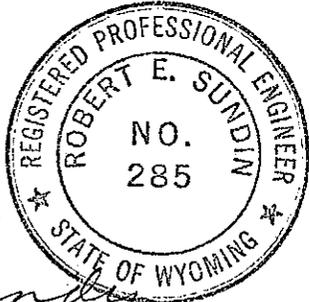
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
April 1983  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

xc: TSP Wyoming  
1058 Kentucky Avenue  
Sheridan, WY 82801

# TSP



March 18, 1983

Tom Muller  
Dept. of Environmental Quality  
2161 Coffeen Avenue  
Sheridan, Wyoming 82801

RE: Hill Pond Subdivision  
Section 21, T50N, R84W  
Sheridan County

Tom:

I am requesting that the permit to construct No. 80-432R - dated Sept. 29th, 1980 be renewed. Part of this subdivision was constructed in 1981. The developer, Mr. Stanly K. Everitt, would like to construct Hill Pond Drive to North Heights Lane this spring and continue with the remaining area at a later date.

I have included a set of plans which show the area to be constructed. It should be noted that a slight change in sewer grades were made due to the redesign of the street grades. All facilities will be constructed in accordance with the specifications previously approved.

Sincerely,

TSP

Keith A. Wysocki

Enclosure



PERMIT TO CONSTRUCT

New

Permit No. 80-432R

Renewal

Modified

HILL POND SUBDIVISION

(Name of Facility)

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

Sentry Homes, Inc.

2050 North Main Street

Sheridan, Wyoming 82801

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

facility according to the procedures and conditions of the application

No. 80-432R. The facility is located in Section 21,

T. 56N., R.84W.

in the County of Sheridan, 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.

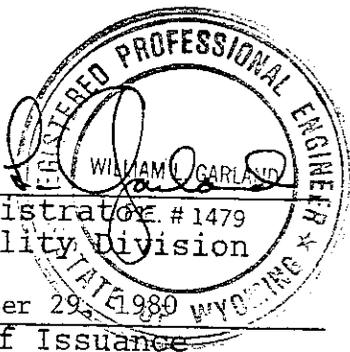
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

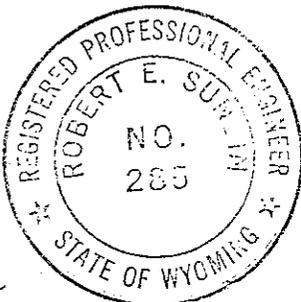


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 # 1479  
Water Quality Division  
September 29, 1980  
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: TSP Wyoming  
1058 Kentucky Avenue  
Sheridan, Wyoming 82801



M  
12-10-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-433RRRR

SEE SPECIAL CONDITIONS

Mr. Lloyd E. Rueb, Apple Tree Village, Inc.  
(Name of Facility)

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

Apple Tree Village, Inc.

3951 Swanton

Casper, WY 82601

to construct, install, or modify a public water supply treatment and distribution and wastewater collection system facility according to the procedures and conditions of the application No. 80-433RRRR. The facility is located in Sec. 24, T34N, R81W (Ten Mile 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.

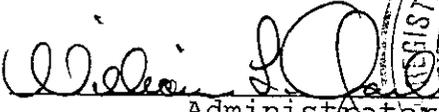
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

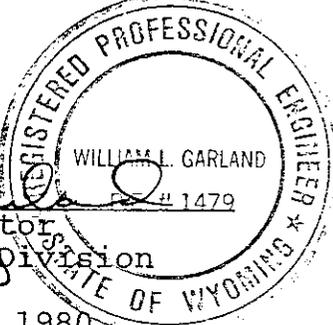
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

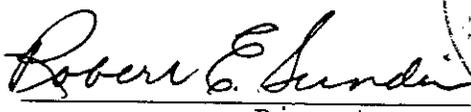


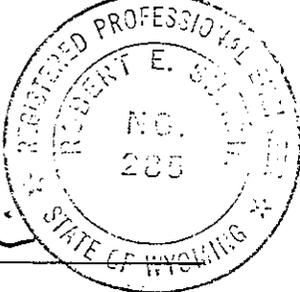
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
Administrator  
Water Quality Division  
STATE OF WYOMING



  
Director  
Dept. of Environmental Quality  
STATE OF WYOMING



December 2, 1980  
Date of Issuance

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

SPECIAL CONDITIONS

The applicant shall provide a full-time water treatment plant operator, certified by the Wyoming Department of Environmental Quality, Water Quality Division, to operate and maintain the reverse osmosis water treatment plant. The certified operator shall be employed by the date which the plant becomes operational.

cc: R. G. Zinn  
Civil Engineering Consultants  
254 North Center  
Casper, WY 82601

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

Mr. Pat Crotty  
U.S. EPA/Region VIII  
Water Supply Division  
1860 Lincoln St.  
Denver, CO 80295

Don Horton  
Natrona Co. Planning Office  
200 North David  
Casper, WY 82601



Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
401 West 19th Street  
Cheyenne, Wyoming 82002

PROJECT: Apple Tree Village, Inc. - Natrona County

ARCHITECT OR ENGINEER: R. G. Zinn, Civil Engineering Consultants  
254 North Center, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 80-433RRR

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

DATE OF REVIEW: October 22, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Raw drinking analyses submission is not complete enough to determine compliance with the EPA Safe Drinking Water Act. Submit raw sample analyses for the following components:
  - a. Copper
  - b. Manganese
  - c. Zinc
  - d. Radiological (gross alpha + combined Radium 226/228)
  - e. Arsenic
  - f. Barium
  - g. Cadmium
  - h. Chromium (total)
  - i. Lead
  - j. Mercury
  - k. Selenium
  - l. Silver
  - m. Chlorinated hydrocarbons (Endrin, Lindane, Methoxychlor, & Toxaphene)
  - n. Chlorophenoxy (2,4-D & 2, 4, 5-TPsime) (ex)
2. Why is a bypass pipe installed on the water treatment system? Due to the physical chemical nature of the water, bypassing of the raw water cannot be allowed. Remove bypass pipe.
3. How will pH adjustment of treated water be accomplished without causing elevated sodium ion concentration in final potable water? May need to consider redesign of system or use of a different pH adjustment chemical.



REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~STATE OFFICE~~ 401 West 19th St.  
Cheyenne, Wyoming 82002

PROJECT: Apple Tree Village, Inc., Natrona Co.

ARCHITECT OR ENGINEER: R. G. Zinn, Civil Engineering Consultants,  
254 North Center, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 80-433RR

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

DATE OF REVIEW: September 19, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Submit complete raw water analysis, to include all primary, secondary and radiological Safe Drinking Water Act parameters.
2. Submit complete design details for the raw water treatment facility, including expected performance and degree of treatment for meeting Safe Drinking Water Act requirements. The water treatment facility must be located to provide treatment of the well water and storage of potable water.
3. Spacing of sewer manholes on Pippin and Johnathon Drives exceeds 400 foot standard.
4. Several locations of the sewer line indicates a burial depth less than 5 feet between the top of the sewer line and proposed grading elevations. Potential wastewater freezing problems may be expected in those areas.
5. The design for the water/wastewater typical utility manhole is unacceptable. A separation distance of at least 10 feet must be maintained between the water and sewer lines. Service to two mobile home spaces can still be used via a wye design, but the ten foot separation distances must also be kept. Five foot separations are acceptable for the risers at each space.



# ENGINEERING ASSOCIATES

Powell WW  
Park

P. O. BOX 1539 • CODY, WYOMING 82414

OFFICE • CODY, 902 13th St. • POWELL

TELEPHONES • 307-587-4911 • 754-5113

CONSULTING ENGINEERS & SURVEYORS

February 12, 1980

80-444

Mr. James O. Brooks  
Region VIII-EPA  
1860 Lincoln Street  
Denver, Colorado 80295

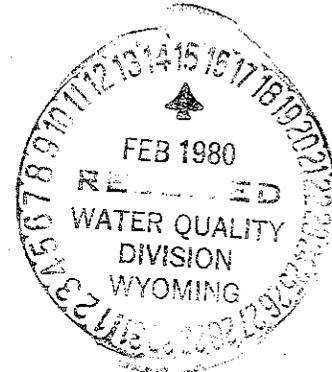
Subject: Powell, Wyoming C560108

Dear Jim:

I'm sorry the weather did not cooperate so we could meet as scheduled in Cheyenne on February 7, 1980; however, Messrs. Dick Myrick and Keith Jones of Powell, Paul Schwieger and John Wagner of DEQ and I met as scheduled and reviewed the preliminary design criteria for the subject facility. Paul reported to me later that a subsequent telephone conversation with you indicated that you are in basic agreement with the proposed concept.

Some changes in the criteria have resulted from the meeting and a subsequent telephone call from DEQ. The revisions are explained herein. The following summarize the basic items discussed and indicate the steps that we will be following to complete this project.

1. The first item discussed was the interceptor sewer work. Manhole meters located upstream of the interceptor sewer lines indicate that a substantial amount of infiltration exists into these sewers when compared to flow readings on the lagoon effluent. It appears that a considerable reduction in peak flows could be realized by lining these sewers. Calculations indicate that a 2 MGD reduction may be realized. These sewers are outside the corporate limits and have few service connections into them. Therefore, lining could be very cost effective. There is a need to televise these sewers this spring to verify the potential infiltration reduction in this area. Based on the televising, we will then determine the cost effectiveness of lining these lines. We





have delayed this work until now since we had no idea until recently as to what direction we would be moving.

2. As you mentioned on the telephone, 30 days detention at peak flows would be desirable to eliminate solids washout potential. The logistics of 30 day detention were discussed. To provide 30 days would be difficult due to the need to cross a roadway, relocate a major irrigation lateral and move closer to existing housing. Because of these reasons, we confined ourselves to an area bounded by Bitter Creek on the north, Lane Seven on the south, Road Eight on the west and Road Seven on the east. This area resulted in a 25 day detention period at 10 MGD. Based on the calculations presented with my January 31, 1980 letter, this is more than adequate.
3. Influent pumping may not be required although the costs are included. An evaluation will be made after the television work in item 1 above is complete. Since this alternate will provide an additional primary cell in parallel it is believed that pumping will not be necessary if any flow reduction is achieved through interceptor lining.
4. The subject of whether the discharge should go to Bitter Creek or Lateral D was discussed. Based on calculations and the high allowable fecal coliform requirement on Bitter Creek, it appears that no chlorination would be necessary if the discharge were to Bitter Creek. Discharge to Lateral D would require chlorination. If the effluent from the lagoon cannot meet the Bitter Creek fecal coliform requirements, then chlorination and dechlorination would be required to discharge to Bitter Creek. Dechlorination would not be required for discharge to Lateral D. Discharge to Lateral D cannot be assumed on a continuous basis. Maintenance work by the irrigation district and winter ice problems in lateral D would have to be contended with. Because of the above factors, it appears that a dual discharge system will be evaluated.



Since no fecal coliform requirements are in effect on Bitter Creek during the winter, winter discharge would be to Bitter Creek. Summer discharge would be to Bitter Creek or Lateral D depending on the lagoons ability to reduce coliform. If chlorination is necessary, summer discharge would be to Lateral D. We are not proposing to provide chlorination equipment in the design; however, we would provide facilities for installation of this equipment should it be found to be necessary after operation of the system.

5. Our cost estimate included a cost for lining the new lagoons with bentonite. The need for lining the secondary cells was questioned. A substantial cost savings could result if these lagoons did not have to be lined. The possibility of providing drainage around the south and east sides of the secondary cells was discussed as an alternate to lining with bentonite. Subsequent to the meeting, I received a telephone call from Messrs. Schwieger and Strohman from DEQ requesting that a groundwater study be performed to determine whether lining or drainage is required. There is a possibility that neither is necessary depending on the aquifer characteristics. We believe this study could be done under Step 2 since the alternative has basically been established and this is a design detail. The DEQ believes that the groundwater protection method needs to be established prior to Step 2. Since the work needs to be done eventually and since you have indicated that the costs are grant eligible, we have agreed to proceed under Step 1. We shall discuss this work with the City of Powell, prepare an estimate and proceed if Powell agrees. Mr. Schwieger has indicated that you have preliminarily approved this work via telephone. The basic components of this work are establishment of the direction of groundwater flow, establishment of the rate of groundwater flow, analytical analysis of existing wells, locations of existing wells, soil characteristics of site, and drill logs and depth to impervious strata below the aquifer. We will attempt



February 12, 1980  
Page 4

to determine costs, receive authority from the City of Powell and submit an estimate within a few days.

6. If lining with bentonite or drainage is required, the nonaerated lagoon system will still be more cost effective than the aerated lagoon alternate. This is the alternate we are recommending to Powell assuming that the necessary land can be acquired at a reasonable price in the proximity of the existing lagoons.
7. We are advising the City of Powell to begin advertising for a public hearing to adopt an alternative. This hearing will hopefully be scheduled around the end of March.
8. Meetings with the irrigation district will be established to determine the willingness and ability to accept the lagoon effluent.

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

Very truly yours,

ENGINEERING ASSOCIATES



Roger L. Jacobson

cc: Don Easton, Mayor of Powell  
Ray Lutterman, Powell General Commissioner  
Dick Myrick, City Engineer  
Keith Jones, Superintendent  
Paul Schwieger, DEQ  
Jake Strohman, DEQ ✓  
John Wagner, DEQ  
77411 Correspondence

RLJ/smj



80-445

THE STATE OF WYOMING



ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

2161 COFFEEN AVENUE,  
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

April 22, 1981

Mr. Gerald DeNeal  
Environmental Engineer  
Clovis Point Mine  
Caller Box 3014  
Gillette, Wyoming 82716

Dear Mr. DeNeal:

This letter will serve as approval of the "as-built" drawings and design information for sedimentation control facilities received by this office in August, 1980. The facilities approved are (1) the containment ditch west of topsoil stockpile #4, (2) the containment ditch east of the service area, (3) the containment basin west of the service area, (4) the containment basin north of the service area, and (5) impoundment #3 inside the railroad loop.

Also enclosed are the permits for East Gillette Reservoirs 6 and 7 (80-599RRRR) and E. Gillette Reservoir No. 5 (81-146).

Upon reviewing our files, the only other permits issued for Clovis Point have been for Reservoir #2 (77-247) and various facilities within the service area (78-593R, 79-400, and 79-468).

The only facilities, indicated on the materials available to me, which have not been permitted are Reservoirs 1, 3 and 4, which appear to intercept runoff only from undisturbed areas. If I am in error on any of this, please let me know.

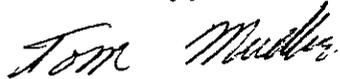
I am sorry for the delay encountered in issuing these approvals, but it is partly due to the fragmented fashion in which we received the various applications and supplementary materials. I'm not complaining, but it would probably expedite future approvals if all the necessary materials come from one source at one time. For my part, when essential materials are missing from applications, I will endeavor to inform you in writing of what is necessary, rather than relying on verbal and telephone contacts with more than one person.



Mr. Gerald DeNeal  
April 22, 1981  
Page Two

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

Yours truly,



Tom Mueller  
District Supervisor

TM/lis

Enclosures

xc: Gary Beach  
Doyle Fritz  
Jake Strohman



PERMIT TO CONSTRUCT

New

Permit No. 80-446

Renewal

Modified

FISHING LAKE SEWER LINE - CITY OF GILLETTE

(Name of Facility)

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

City of Gillette, c/o Jeff Smith

Box 3003

Gillette, Wyoming 82716

to construct, install, or modify a sewage collection line

facility according to the procedures and conditions of the application

No. 80-446. The facility is located in Sections 34 and 35

T. 50N., R.72W.

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

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

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

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.



In this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:

*William L. Garland*  
 REGISTERED PROFESSIONAL ENGINEER  
 WILLIAM L. GARLAND  
 Administrator P.E. # 1479  
 Water Quality Division  
 STATE OF WYOMING  
 September 16, 1980  
 Date of Issuance

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

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



PERMIT TO CONSTRUCT

New

Permit No. 80-447R

Renewal

Modified

OLD GENT'S PLACE  
(Name of Facility)

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

The Cleveland-Cliffs Iron Company, c/o Truman Louderback

P.O. Box 3140

Casper, Wyoming 82602

to construct, install, or modify a subsurface sewage disposal

facility according to the procedures and conditions of the application

No. 80-447R. The facility is located in Section 4,

T.42N., R.75W.

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

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

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

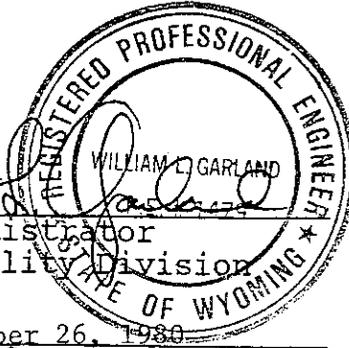
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

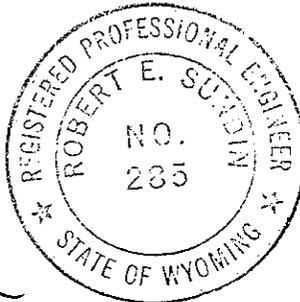


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:

  
*William C. Garland*  
Administrator  
Water Quality Division  
September 26, 1980  
Date of Issuance

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

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





*Department of Environmental Quality*  
*Water Quality Division*

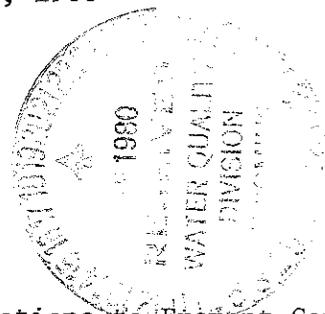
933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

September 5, 1980

Mr. Dave Stark  
District Ranger  
U.S. Forest Service  
Highway 287 West  
Lander, WY 82520



Re: Modifications to Fremont County  
Youth Camp Wastewater Disposal System  
*DEQ #80-448*

Dear Dave:

This letter is to inform you that a "Permit to Construct" from this office has been issued for the aforementioned project.

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.

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.

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.



Mr. Dave Stark

2

September 5, 1980

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

Respectfully,

A handwritten signature in cursive script, appearing to read "M. Robin Collins".

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

MRC/kn

cc: Lyle Bang, County Agent  
DEQ/WQD - Cheyenne ✓



PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-448

Fremont County Youth Camp Wastewater Disposal System  
(Name of Facility)

This permit hereby authorizes the applicant:

Wyoming Youth Camp, c/o Lyle Bang - Agent: Orren Bower, P.E.  
(Last) (First) (Middle)

Fremont County Court House  
(Street or P.O. Box)

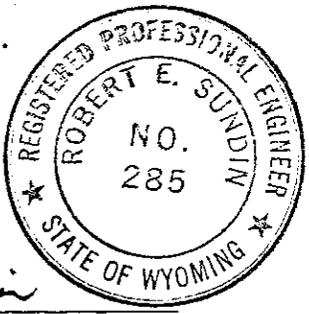
Lander Wyoming 82520  
(City) (County) (State)

to construct, install, or modify ā lagoon, leach line additions to existing disposal  
facility located in Sec. 33, T. 32N, R. 101W  
(Legal Description)

in the County of Fremont, in the State of  
Wyoming. This permit shall be effective for a period of two years  
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William I. Garland  
Administrator  
Water Quality Division  


Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality  


August 28, 1980  
Date of Issuance

"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."



PERMIT TO CONSTRUCT

New

Permit No. 80-449

Renewal

Modified

Russell Avenue Water Distribution System Improvements

(Name of Facility)

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

Board of Public Utilities/City of Worland

P.O. Box 816

Worland, WY 82401

to construct, install, or modify a municipal water  
distribution system

facility according to the procedures and conditions of the application

No. 80-449. The facility is located in Sec. 24,25;

T. 47N, R. 93W

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.

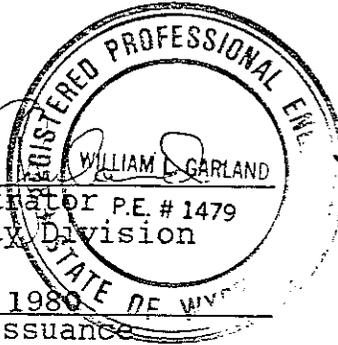
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

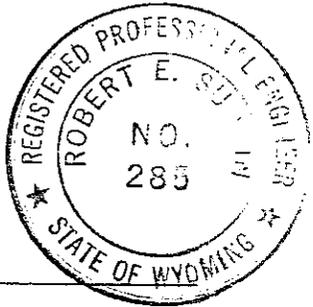


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:

  
*William L. Garland*  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
STATE OF WYOMING  
September 10, 1980  
Date of Issuance

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

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

JH/kn



12.5

PERMIT TO CONSTRUCT

New

Permit No. 80-450R

Renewal

Modified

Alpine Drilling Business Building  
(Name of Facility)

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

Alpine Drilling Business Building

3315 McCann Avenue

Cheyenne, WY 82001

to construct, install, or modify a small commercial subsurface  
wastewater disposal

facility according to the procedures and conditions of the application  
No. 80-450R. The facility is located in Section 27,  
T14N, R66W

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

The issuance of this permit provides that the Department of Environ-  
mental 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 responsi-  
bility 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 oper-  
ational requirements.

The permittee shall allow authorized representatives from the Depart-  
ment of Environmental Quality, Water Quality Division, upon the pre-  
sentation 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.

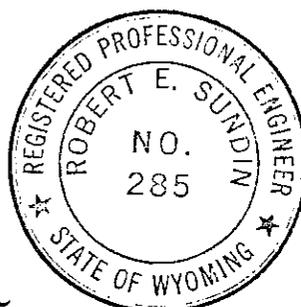


Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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  
September 15, 1980  
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: Jon Anderson  
AVI Engineering  
1111 East Lincolnway  
Cheyenne, WY 82001

Don Pack  
Environmental Health  
Laramie County  
1700 Snyder Avenue  
Cheyenne, WY 82001



REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Alpine Drilling Business Bldg.

ARCHITECT OR ENGINEER: Jon Anderson, AVI Engineering, 1111 East Lincolnway,  
Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 80-450

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

DATE OF REVIEW: September 2, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

What is the depth to groundwater? There has been a history of elevated nitrates in drinking water wells in the area. Therefore, provide location of adjacent landowner wells in relationship to proposed septic tank/leach field.

