

PERMIT TO CONSTRUCT

New

Permit No. 80-301R

Renewal

Modified

FMC Number 5 Shaft Sewage System
(Name of Facility)

This permit hereby authorizes the applicant:

FMC Corporation

(Last)

(First)

(Middle)

Box 872

(Street or P.O. Box)

Green River
(City)

Wyoming
(County)

82935
(State)

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

facility located in Sec. 34, T. 19N, R. 110W

(Legal Description)

in the County of Sweetwater

in the State of

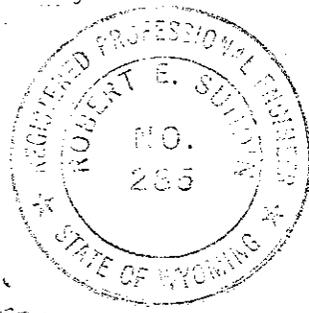
Wyoming. This permit shall be effective for a period of two years

from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:


Administrator P.E. # 1479
Water Quality Division



Director
Wyoming Dept. of Environmental Quality


August 5, 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

July 10, 1980

FMC Corporation
Industrial Chemical Group
Box 872
Green River, WY 82935
ATTN: Thomas J. Lavery

RE: DEQ #80-301

Dear Sir:

Enclosed is all the information I have on hand concerning the design of leach bed disposal systems.

Leach beds are not presently a part of the Department of Environmental Quality standards, however, they are included in the Draft of our new Design Standards. You can use this information to design any leach bed disposal system. The Draft Standards will also be the basis for our review.

If you have any questions, please feel free to call.

Sincerely,

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

Jeff C. Hermansky
Water Quality Engineer
Northwest District

JCH/dl

Enclosure:

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.

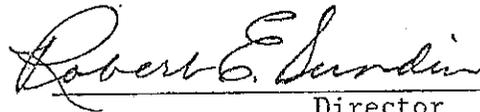
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

July 2, 1982
Date of Issuance


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

Director
Dept. of Environmental Quality

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

AB:tc

7-1-80

PERMIT TO CONSTRUCT

New

Permit No. 80-302

Renewal

Modified

Leucite Hills Wastewater Treatment Facility
(Name of Facility)

This permit hereby authorizes the applicant:

Prospect Point Coal Company

(Last)

(First)

(Middle)

4704 Harlan Street

(Street or P.O. Box)

Denver

(City)

Colorado

(County)

80212

(State)

to construct, install, or modify a "Sanilogical" treatment plant and non-discharging lagoon
facility located in Sec. 11, T. 20N, R. 101W
(Legal Description)

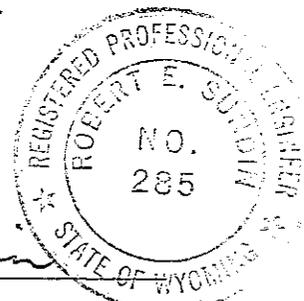
in the County of Sweetwater, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Surtain
Director
Wyoming Dept. of Environmental Quality



July 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."

cc: Luther R. Krapp
P. O. Box 2308
Mills, WY 82644

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-303

Larson & Meloy #2
(Name of Facility)

This permit hereby authorizes the applicant:

Larson Construction Company
(Last) (First) (Middle)

P. O. Box 1527
(Street or P.O. Box)

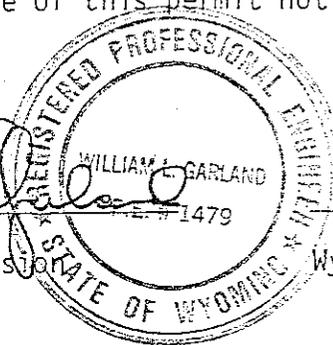
Mills, Natrona WY 82644
(City) (County) (State)

to construct, install, or modify a small, subsurface wastewater disposal
facility located in Sec. 34, T34N, R80W
(Legal Description)

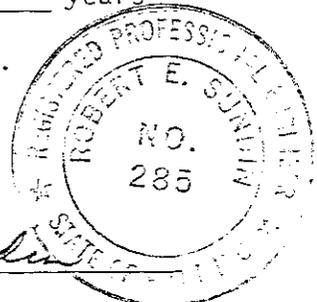
in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundt
Director
Wyoming Dept. of Environmental Quality



July 11, 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.

cc: John DeMyer
HNTB
P. O. Box 3478
Casper, WY 82602

(Stamp) 1980

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-304

Casper Storm Sewer Improvements - Phase I
(Name of Facility)

This permit hereby authorizes the applicant:

Board of Public Utilities
(Last) (First) (Middle)

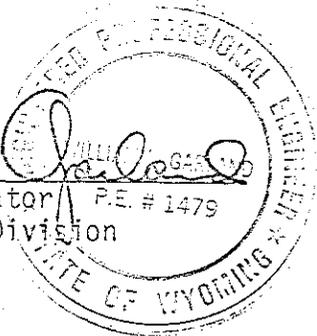
200 North David
(Street or P.O. Box)

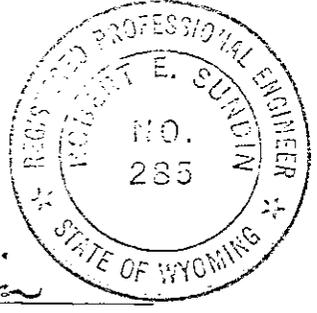
Casper, Natrona Wyoming 82601
(City) (County) (State)

to construct, install, or modify a municipal water supply and wastewater collection system
facility located in Section 3, T 33N, R 79W
(Legal Description)

in the County of Natrona, 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. [Signature]
Administrator P.E. # 1479
Water Quality Division


Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality


July 25, 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: Mickey Yamashiro
P. O. Box 1599
Jackson, WY 83001

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-305
 Ref. No. 78-195MRR
 EPA C560106-04

Rawlins Wastewater Treatment Facilities
 (Name of Facility)

This permit hereby authorizes the applicant:

City of Rawlins
 (Last) (First) (Middle)

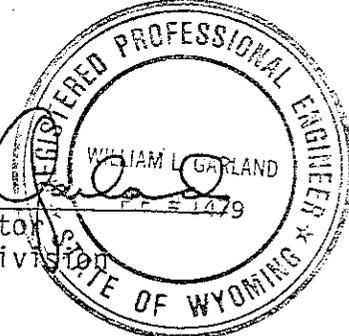
P. O. Box 953
 (Street or P.O. Box)

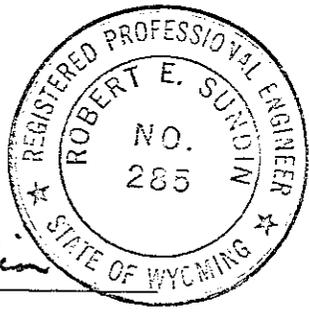
Rawlins Carbon WY 82301
 (City) (County) (State)

to construct, install, or modify a municipal wastewater treatment
facility located in Sec. 23, 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


July 11, 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."



Department of Environmental Quality

Water Quality Division

401 W. 19TH STREET

EQUALITY STATE BANK BUILDING
CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

M E M O R A N D U M

TO: Jake Strohman, Engineering Control Supervisor

FROM: A. J. Mancini, Water Quality Engineering Evaluator

DATE: August 19, 1980

SUBJECT: Comments on Peterson In Situ Uranium Project, Application for In Situ R & D License

1. The applicant recognizes the necessity for applying to Water Quality Division for certain permits, but perhaps not for others. The Water Quality Division should be contacted concerning:
 - a. solar evaporation ponds;
 - b. leach fields (a separate field for the lab may be required);
 - c. construction of the potable water supply system, including the well, if ten or more connections are involved.
2. Construction of the above facilities should not begin until after required permits to construct have been obtained from the Water Quality Division.
3. Chemical storage units probably will require some kind of contingency planning; Mr. LeRoy Feusner of the Water Quality Division can explain what is required by the Environmental Protection Agency and the State and should be contacted by the applicant.
4. Table 3.12 of the application includes water quality data for an A-sand (OW-7); no such designation is used in the narrative. The stratigraphic location of the A-sand, and lithologic description should be given. The "Shallow Aquifer" identified in the narrative, if not the A-sand, should be sampled and analytical results included in the application.
5. The applicant has interpreted the analytical results of water quality testing to indicate that "groundwater in all of the aquifers tested would not be recommended for human consumption" and "the water appears only marginally suited for livestock or for agricultural use." The Water Quality Division is not willing to "write off" all of this water as being unuseable, at

Least not yet. Most of the analyses indicate the water would be suitable at least for livestock use, based on ambient water quality.

Even though there may be a valid reason for reporting the concentration of radium as "dissolved radium-226", EPA's standards and the Water Quality Division's proposed standards are based on the total radium-226 and radium-228. The applicant should report total radium-226 and radium-228.

6. I can't determine how the wellfield area will be operated: two wellfields will be constructed and operated, but whether they will be operated concurrently or in sequence is not known. Therefore, all proposed wells should be installed before lixiviant is introduced.

7. A map showing the relationship of wells sampled thus far to the proposed wells in the wellfield area should be produced and submitted as part of the application.

8. Background (baseline) water quality data should be submitted for proposed monitor wells before lixiviant is introduced as allowed by the Department of Environmental Quality. Background data should also be collected from the production area before lixiviant is introduced. (The data collected thus far appears to be outside the proposed production area; compare Figure 4-7 with Figure 3.17).

9. Figure 4.9 indentifies both a "Shallow Aquifer" monitor well, and a different well as the "A-Aquifer" monitor well. There probably is a "typo" here, but this should be clarified.

10. Final construction drawings and specifications for each type of well should be submitted for Department review before injection is authorized by DEQ. Summaries of the well completion data for each well should be submitted to the DEQ.

11. The application should not be considered complete without submittal of numerical restoration "target" values, and a definitive restoration plan.

12. Leaching should not begin, once a license has been issued, until DEQ authorizes commencement of the operation.

AJM/md

cc: Gary Beach, Land Quality Division

Alter
7-21-80

PERMIT TO CONSTRUCT

New

Permit No. 80-307R

Renewal

Modified

Cambridge Village

(Name of Facility)

This permit hereby authorizes the applicant:

CEC Homes, Inc.

(Last)

(First)

(Middle)

P. O. Box 1727

(Street or P.O. Box)

Riverton,

WY

82501

(City)

(County)

(State)

to construct, install, or modify a Municipal wastewater collection and water distribution systems

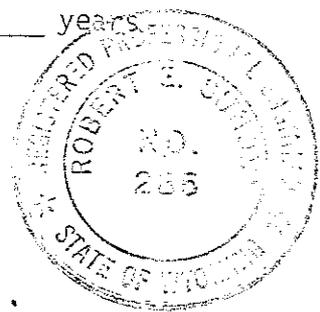
facility located in Section 35, T.1N., R.4E.

(Legal Description)

in the County of Fremont, in the State of

Wyoming. This permit shall be effective for a period of two years

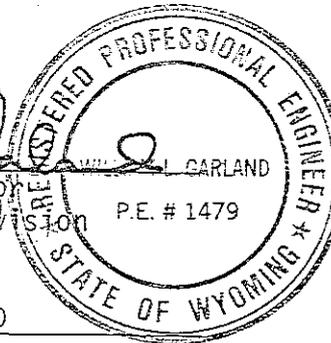
from the date of issuance of this permit not to exceed five (5) years.



AUTHORIZED BY:

William L. Carland

Administrative
Water Quality Division



Robert E. Sundin

Director
Wyoming Dept. of Environmental Quality

July 10, 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: Tom Barker
Centennial Engineering

PERMIT TO CONSTRUCT

11-38
1-10

- New
- Renewal
- Modified

Permit No. 80-308

Gillette Street Water Main Construction
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Ranchester
(Last) (First) (Middle)

Town Hall
(Street or P.O. Box)

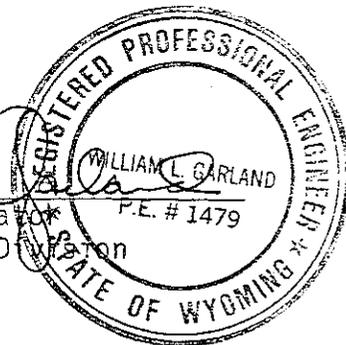
Ranchester Sheridan Wyoming 82839
(City) (County) (State)

to construct, install, or modify a water main and backwash pipeline
facility located in Sec. 19, T.57N., R.85W.
(Legal Description)

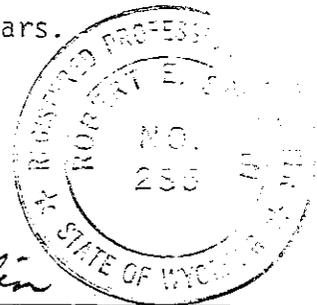
in the County of Sheridan, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



July 10, 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."

M-10

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-309R

John B. Roden Drilling, Inc.
(Name of Facility)

This permit hereby authorizes the applicant:

John B. Roden Drilling, Inc.
(Last) (First) (Middle)

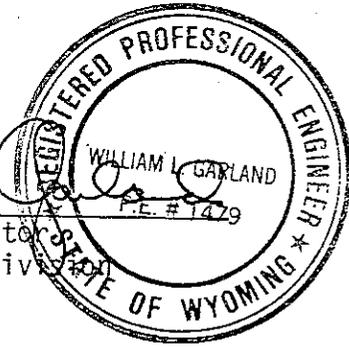
708 West 5th
(Street or P.O. Box)

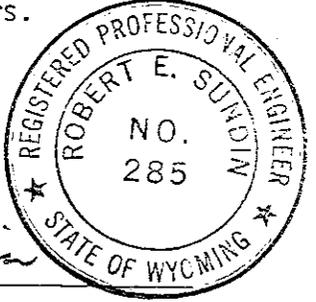
Mills Wyoming 82601
(City) (County) (State)

to construct, install, or modify a wastewater disposal system
facility located in Sec. 19, T. 29N, R. 111W
(Legal Description)

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


July 7, 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: John B. Roden Drilling, Inc.

ENGINEER: R. L. Jacobson
P.O. Box 1900
Cody, WY 82414

OWNER: John B. Roden Drilling, Inc.
708 West 5th
Mills, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 80-309

REVIEWING ENGINEER: Frank LaBarge *Frank LaBarge*

DATE OF REVIEW: 6/26/80

ACTION: NOT AUTHORIZED.

COMMENTS:

1. What is the highest known groundwater level or impervious layer? The bottom of any absorption system shall be no less than four (4) feet above the seasonal high groundwater table, bedrock, or any impervious layer.
2. What is the ground slope in foot per foot or percent in the absorption area?
3. What is the soil type?
4. What is the slope of the 6 inch PVC sewer main?
5. Please submit three copies of all information.

FL/kn

PERMIT TO CONSTRUCT

8-10-80
2-10-80

New

Permit No. 80-310

Renewal

Modified

Phase 1, Sparrowhawk Hill Three
(Name of Facility)

This permit hereby authorizes the applicant:

McStain Enterprises, Inc.

(Last)

(First)

(Middle)

212 W. Burkitt Street

(Street or P.O. Box)

Sheridan

(City)

Sheridan

(County)

Wyoming 82801

(State)

to construct, install, or modify a public water and sewer extensions

facility located in Section 28, T.56N., R.84W.

(Legal Description)

in the County of Sheridan

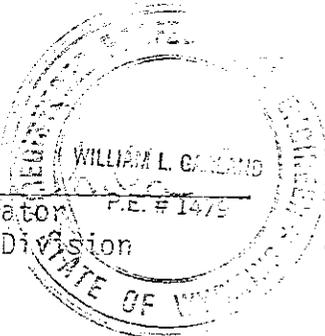
, in the State of

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

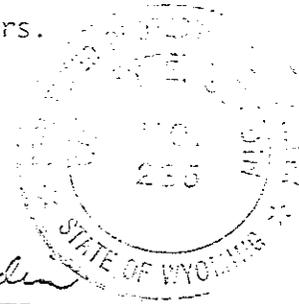
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sander
Director
Wyoming Dept. of Environmental Quality



July 9, 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."

Leb

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-311RRRR

Glendo Sewer Collection System
(Name of Facility)

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

Town of Glendo

P. O. Box 396

Glendo, WY 82213

to construct, install, or modify a 6070 l.f. of 8" gravity sewer main, lift station, and 1831 l.f. of 4" sewer force main facility according to the procedures and conditions of the application No. 80-311RRRR. The facility is located in Section 4, 5, 8, & 9, T29N, R68W in the County of Platte, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

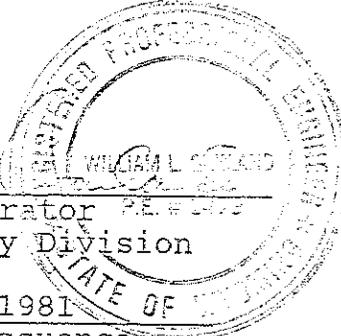
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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.

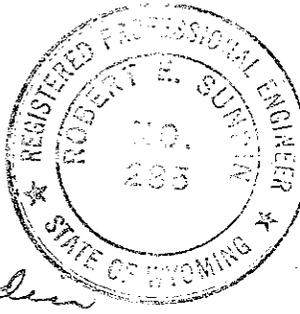
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
April 14, 1981
Date of Issuance



Director
Dept. of Environmental Quality

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

cc: G. A. Fluke
B.H.P. & L. Building
Hot Springs, SD 57747

Review of Plans and Specifications

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

PROJECT: Glendo Sewer Collection Systems, Phase I

ARCHITECT OR ENGINEER: Gordon Fluke, Plains Engineer
Black Hills Power and Light Building
Hot Springs, SD 57747

WATER QUALITY DIVISION REFERENCE NUMBER: 80-311RRR

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

DATE OF REVIEW: February 20, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Some of the labels on page 9/13 of the drawings are not legible.
2. Should the water crossing on page 8/13 of drawings be at station 2+00 instead of 0+20?
3. The specifications do not contain an item stating the minimum separation requirements for water and sewer lines.

The following locations pose possible problems and should be specifically addressed:

- a. The sewer force main (Station 14+90) and the water line must maintain an 18 inch separation. Relocated water lines must be adequately disinfected and blocked according to the applicable AWWA standards.
 - b. The crossing of a water main in Item 2 above.
 - c. The horizontal distance between the water line and sewer line on segment 'c' and 'd'. Please justify why the 10 foot separation is not met.
4. When the septic systems are abandoned, will any steps be taken to prevent their further useage? Are all residents in the area required to hook up?

General

1. In an effort to reduce costs and paper work, it is not necessary to submit complete plans and specifications each time. You may submit only the sheets that require modification.
2. Enclosed are DEQ's past review comments. Some items have never been resolved and are so marked. Please respond to those items.

THE STATE OF WYOMING



ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

401 W. 19TH STREET

EQUALITY STATE BANK BUILDING
CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

December 2, 1980

Gordon Fluke
Plains Engineering
B.H.P.&L. Bldg.
Hot Springs, SD 57747

Re: Glendo Wastewater Lagoon
Ref. No. 80-311R

Dear Mr. Fluke:

The 'legal' design standards according to Chapter III, Section 16, Wyoming Water Quality Rules & Regulations is the 1973 Revised Edition of Ten State Standards for Sewage Works which is slightly different from the 1978 edition under which I submitted my comments. The 1973 edition does not exempt percolation and evaporative lagoons as does the 1978 edition.

Enclosed is Chapter 90 of Ten State Standards for Sewage Works, 1973 edition, for your information. If any of the review comments are not applicable to the 1973 edition, please feel free to comment to that effect.

Sincerely,

Thomas S. Norman

Thomas S. Norman
Water Quality Engineer

TSN/com/nc

286

Review of Plans and Specifications

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

PROJECT: Glendo Sewer Collection Systems

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

WATER QUALITY DIVISION REFERENCE NUMBER: 80-311R - C560112-94

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

DATE OF REVIEW: November 6, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Lift Station

1. No valves shall be located in the wet well and check valves shall not be placed on the vertical portion of discharge piping.
2. The electrical conduit entering into the wet well shall have water tight seals to prevent hazardous gases from flowing to the control box.
3. Corrosion resistant steps should be installed in the wet well.
4. Why install two alarms? Cannot one alarm have two sources of power (electrial and standby)?
5. The detention time in the wet well should have about a 30 minute detention time (based on ADF) to minimize problems from anaerobic conditions. The float controls should be adjusted accordingly as development occurs.
6. The proposed overflow method is unacceptable.
 - a. The overflow of raw sewage into the ground will not be allowed unless it can be demonstrated that the raw sewage will not degrade the groundwater classification.
 - b. 'Ten States' requires that overflows drain back into the wet well.
 - c. The capacity of the overflow sump is undersized.
7. A manhole or cleanout is required where the two discharge pipes connect to the force main.

62 5 600

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXX~~ 401 West 19th Street
Cheyenne, Wyoming 82002

PROJECT: Town of Glendo, Sewer Collection Improvements

ARCHITECT OR ENGINEER: Gordon A. Fluke, P.E., Plains Engineering,
B.H.P. & L. Building, Hot Springs, SD 57747

WATER QUALITY DIVISION REFERENCE NUMBER: 80-311R EPA # C560112-94 - Step 4

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

DATE OF REVIEW: 8-18-80

ACTION: NOT RECOMMENDED FOR CONSTRUCTION

COMMENTS:

The following suggestions are offered:

Drawings

1. Please show the approximate depth to water lines on drawings to verify that adequate separation between sewer and water mains is available. The location of all utilities known to the engineer should be identified on the drawings to prevent unnecessary mishaps.
2. Pipe type, size, and classification should be called out on the drawings.
3. The type of trench excavation (type 1 or 2) is not called out on the plans as stated in tech. specs.
4. Clean-out detail is not adequate.
 - a. Without some type of valve, the clean-out line will be under pressure and will discharge sewage out the top.
 - b. Clean-out line will always be full of sewage and will freeze in winter.
 - c. Specify type of 8" pvc for this pressure condition.
 - d. No detail showing how to adapt from 4" pressure to 8" clean out.
 - e. Clean-out is required at every change of direction.
5. Suggest taking thrust block diagram and clean-outs off of page 3 and put on page 11 with the force main lay-out.
6. Is it necessary for the sewer mains (gravity & force) to cross the private property of Lot 8, Block 16? Access for maintenance and other legal consequences are always a problem on private property.

7. Distances between R.O.W. lines and sewer lines are highly recommended for reference during construction. These distances are also of help for O & M in case of broken mains or location for future construction.
8. Sheet No. 8. It is necessary to locate the sewer line in respect to some reference (i.e. section line) so the contractor will have some idea of alignment. See also note #7.
9. The pump station and access should be located in relation to roads, pavement, sidewalk, curb. Are the control box and guard posts going to be a traffic problem or snow removal obstacle?
10. Sheet No. 12. Is the air & vacuum relief valve detail necessary?
11. Sewer services are not located on drawing.

Specifications

Sec. 201

1. Actual compaction values for the bedding should be specified. According to pipe manufacturer's recommendation is not adequate.
2. Compaction tests should be taken at 2 - 3 different levels within the trench every 300 l.f. to assure adequate compaction throughout trench.
3. Where is "Special Provisions" section?
(e.g., Tech. Specs. 201.04.C.2.)
4. Minimum depth of cover is not specified?

Sec. 801

1. Minimum depth of cover must be specified to prevent freezing.

Sec. 901

The following items are noted to meet "Ten State Standards":

1. Pumps must be capable of passing a 3" diameter sphere.
2. Pumps must have at least a 4" diameter suction and outlet opening.
3. The alarm system must be activated when the lag pump is used to alert operator that the lead pump is malfunctioning (i.e. controls for alarm and lag pump must be at the same level).
4. The alarm system must be activated in case of power failure. Therefore, sufficient stand-by power is necessary to activate the alarm system.
5. A satisfactory method of meeting the requirements for emergency operation must be provided. (Ten State Standards, Chapter 30, Section 36).

General

1. The BID SCHEDULE does not correlate with the 'Methods of Measurement' and 'Basis of Payment' as specified in the TECHNICAL SPECIFICATIONS or the DRAWINGS.

Examples:

a. Force main is bid on an "installed depth of 5.5 feet" but most of the line is laid at greater depths. How will contractor get paid? Are depths greater than 5.5 feet an extra?

b. Manhole payment, similar to item 'a' above.

c. Basis of payment for trenching & excavation is for different depths but the BID SCHEDULE is not set up this way.

d. Basis of payment for reinforcing steel is per pound but the BID SCHEDULE is not set up this way. Similar situation for pipe, earthwork, sewer services, etc.

2. Have all the R.O.W. easements been acquired over private land for construction and future maintenance purposes? Please indicate the R.O.W. and their widths on the drawings.

*Department of Environmental Quality**Water Quality Division*

401 W. 19TH STREET

EQUALITY STATE PARK BUILDING
CHEYENNE, WYOMING 82002

TELEPHONE 733-7111

July 16, 1980

Mr. Gordon Fluke, P.E.
Plains Engineering
Black Hills Power & Light Bldg.
Hot Springs, SD 57747

Re: Town of Glendo
EPA Grant #C560112-94
Preliminary Plans and Specifications

Dear Mr. Fluke:

The Division of Water Quality Management staff has reviewed the above referenced documents. We proffer the following suggestions for the final construction plans and specifications:

Specifications

1. Attached is a copy of the EPA required documents, 7/16/80.
2. Representatives of Wyoming DEC, Water Quality Division and U.S. EPA shall have access to the work at all times for purpose of inspection.
3. Page 4 - Certificate of Insurance must be attached to bid documents.
4. Page 5 - Painting: "Good grade of metal enamel" is too general. specify two products or equal.
5. Page 5 - Disinfection: Specify AWWA standard.
6. Page 5 - Compaction Testing: Specify test procedure and standards.

Section 201

1. Page 3: Trench width specification is inadequate for PVC pipe.
2. Page 5: Minimum depth of cover is not specified.
3. Page 7: Users of existing services to be interrupted should be given 24 hour written notice of such interrupts.

Section 401

1. Provide ASTM standard for gasket joint.
2. Manhole standard drawings 401-03 are not included in plans.
3. Specify manhole cover and rings.
4. All manholes will be water proofed from the exterior.

Section 402

1. Standard Drawing 402-01 showing service connection is not presented in plans, number presented is 201.01
2. Specify location of service line wyes, e.g. one per lot.

Section 403

1. Specify ANSI standards to apply to fittings.
2. No drawing detailing type 4 class B pipe laying conditions is presented.

Section 601

Borrow excavations not delineated on plans as stated in specifications, where applicable.

Section 603

1. Use of water for compaction should be approved by engineer.
2. Owner shall provide adequate supply of water but there are no specs outlining how and where his (owner) responsibilities end and contractors begin.

Section 605

Is this specification required, what existing manholes are to be adjusted; none are indicated on the plans.

Section 701

Type of asphaltic material for patch should be specified to give contractor a basis for bidding.

Section 801

1. This section should be entitled forcemain sewer pipe, or such, so bidder knows the use.

2. Clean out manholes and access wyes or tees should be provided at angle bends in forcemain.
3. Air relief valves are required at high point in forcemain if line is not a continuous positive grade to discharge point.

Section 901

1. Minimum acceptable total dynamic head should be specified.
2. Plans show lift station set on concrete pad but no specification is presented.
3. Welding specification should address weld type and AWS number.
4. Provide a high water alarm function with audio and visual contact.
5. Specify pump on, off and alarm elevations in specifications.
6. Give range of thermostatic control for electric space heater.

DRAWINGS

1. No benchmark or monument reference is provided.
2. No force main profile is provided.
3. No utility crossings are indicated on profiles.
4. Angles are not provided at changes of direction.
5. Page 6: Forcemain tie-in to existing manhole #20 needs more detail.
6. Page 6: Station MH D-2 to MH C-7 no pipe size or type presented.
7. Page 7: No pipe size or type indicated.
8. Page 8: Three feet minimum cover between existing manhole and manhole MH-1, is this acceptable minimum cover? Minimum cover is not specified.
9. Page 8: Identify existing manhole with number.
10. Why the need for 300 foot cleanout line when the line terminates in a manhole?
11. Provide cleanouts for forcemain.
12. Page 5: Is manhole MH C-6 necessary, slope between MH C-5 and MH C-7 could be uniform.

M. Gordon Fluke, P.E.
July 16, 1980
Page 4

REMARKS (Page 9)

1. Needs three view detail drawing of lift-station and wet well drawn to scale, drawing submitted is not sufficient.
2. Need elevations on center line of pump discharge volute and concrete support slab for lift station.
3. Provide one line electrical diagram for lift-station.
4. Provide ventilation in wetwell.
5. Why locate wetwell 13.5 ft. from lift station, shorter the suction line the better.
6. Provide greater elevation differential between lead and lag pump on floats.
7. If no emergency overflow to a lagoon can be provided for wetwell flooding an alarm system should be provided.
8. A ladder should be provided all the way to the bottom of the wetwell.
9. Plans should include design data--Friction head, static heads, Lift station PE, per capita design flow, design flow, peak design flow, present flow, etc.
10. Specify manhole rings and covers.
11. How many guard posts are to be provided?

A Preliminary Plan of Operation, 40 CFR 35.935-12, should be submitted with the final plans and specifications, see PRM 77-3. We have also enclosed a copy of PRM 77-3, and the latest EPA contract document requirements.

If your staff has any question regarding these comments please call the undersigned.

Very truly yours,



Kenneth Kulas
CIAG Planner
Water Quality Division

KJ/mb
Enclosures

cc: Grant file

cc: Terry Titus
Worthington, Lenhart, Carpenter, & Johnson, Inc.
632 South David
Casper, WY 82601 PERMIT TO CONSTRUCT

80-312

New Permit No. 80-312
 Renewal
 Modified

Crossroads Plaza II Water Main Extension
(Name of Facility)

This permit hereby authorizes the applicant:

Board of Public Utilities
(Last) (First) (Middle)

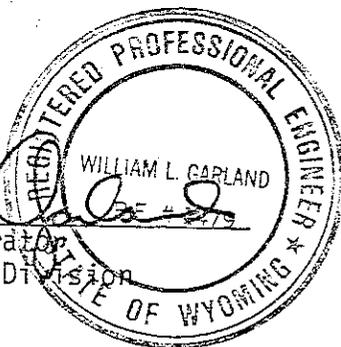
200 North David
(Street or P.O. Box)

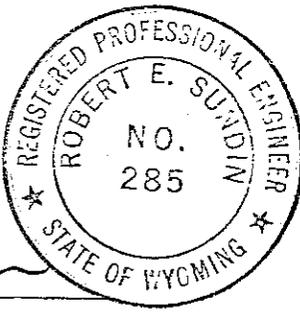
Casper, WY 82601
(City) (County) (State)

to construct, install, or modify a municipal water distribution
facility located in Section 9, T33N, R79W
(Legal Description)

in the County of Natrona, 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

July 11, 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: Terry Titus
Worthington, Lenhart, Carpenter & Johnson, Inc.
632 South David Street PERMIT TO CONSTRUCT
Casper, WY 82601

New

Renewal

Permit No. 80-313

Modified

Nebraska-Iowa X-Press, Inc.

(Name of Facility)

This permit hereby authorizes the applicant:

Nebraska-Iowa X-Press, Inc.

(Last) (First) (Middle)

% Miracle Realty

P. O. Box 2160

(Street or P.O. Box)

Casper, WY 82602

(City) (County) (State)

to construct, install, or modify a small, subsurface wastewater disposal
facility located in Lot 4, Brooks-Hat Six Industrial Park
S9, T33N, R78W (Legal Description)

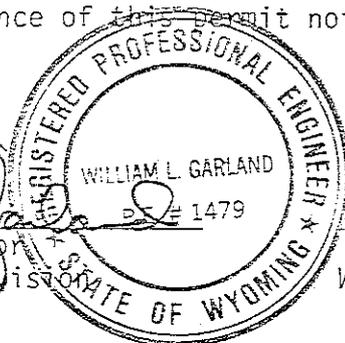
in the County of Natrona, in the State of

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

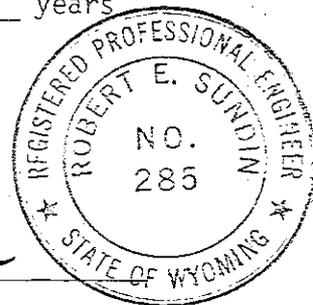
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



July 29, 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.

cc: Gray C. Mangalim
P. O. Box 4075
Casper, WY 82601

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-315

Church of the Living Word
(Name of Facility)

This permit hereby authorizes the applicant:

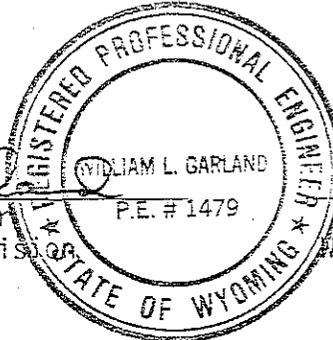
<u>Austin</u> (Last)	<u>Sammy</u> (First)	<u></u> (Middle)
<u>7800 Salt Creek Rt., Box 60</u> (Street or P.O. Box)		
<u>Casper, WY</u> (City)	<u>82601</u> (County)	<u></u> (State)

to construct, install, or modify a small, subsurface wastewater disposal
facility located in S29, T35N, R79W
(Legal Description)

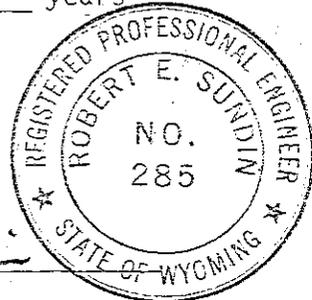
in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



July 29, 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.

cc: Gene Smith
N L Petroleum Services
1717 St. James Place
Suite 333
Houston, TX 77056

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 80-316R

N. L. Baroid Bentonite Plant Wastewater Disposal System
(Name of Facility)

This permit hereby authorizes the applicant:

N. L. Baroid - c/o Gene Smith
(Last) (First) (Middle)

142 East 3rd Street
(Street or P.O. Box)

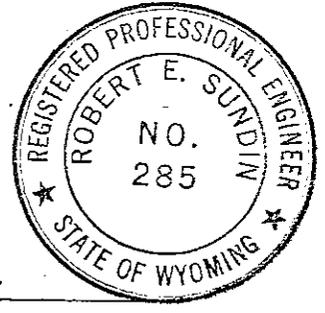
Lovell, WY 82431
(City) (County) (State)

to construct, install, or modify a septic tanks/pump chamber/leach field
facility located in Section 6, T.56N., R.94W.
(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:

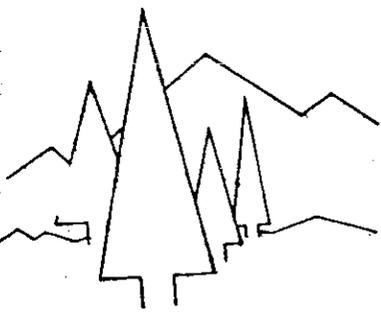
William L. Garland
Administrator
Water Quality Division


Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality


July 15, 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."

MRC/d1



Rocky Mountain Engineering & Surveying, Inc.
100 8th St., Suite #4
P.O. Box 805
Evanston, Wyoming 82930
(307) 789-9751

80-318

August 14, 1980

Mr. Frank Labarge
Wyoming Department of Environmental Quality
933 Main St.
Lander, Wyoming 82520

RE: Centennial Valley Estates,
First Addition Phase 2
Section 19 T 15 N, R 120 W
of the 6th PM, Uinta
County, Wyoming

Dear Frank:

Transmitted herewith are the following documents for the above referenced project for your review and approval.

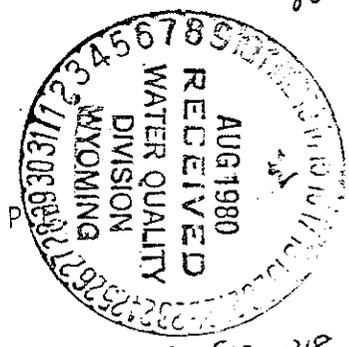
- 1- Application for permit to construct.
- 2- Three copies of the Engineering Report.
- 3- Three sets of plans.

This project was previously submitted as First Addition with no phase indicated. The owner has since divided his total area into phases and so this project became second phase. This is a complete resubmittal of the project and so please dispose of the previous documentation.

Please contact me if you have any questions or if you need further information.

Sincerely,

Dale E. Peterson, P



80-412
80-413

Attachments

DEP/dp

Ref: 80-318

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

(307) 332-3144

PROJECT: Centennial Valley Estates 1st Addition
Sec. 19, T.15N., R.120W., Uinta County

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

OWNER: J. D. Kindler
8th Tee View
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 80-318

REVIEWING ENGINEER: Frank La Barge *FL*

DATE OF REVIEW: July 10, 1980

ACTION: NOT AUTHORIZED.

COMMENTS:

1. Please specify the method by which the water mains will be disinfected.
2. A permit to construct will not be issued until the source of water is known and that the source can meet minimum requirements. If the source is to be the City of Evanston, a letter is needed indicating the subdivision will be provided with water.

FL/dl

PERMIT TO CONSTRUCT

11408
7-21-80

New

Permit No. 80-319

Renewal

Modified

Halliburton Holding Tank
(Name of Facility)

This permit hereby authorizes the applicant:

Halliburton Services
(Last) (First) (Middle)

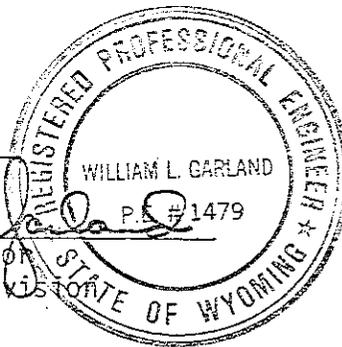
Drawer 1431
(Street or P.O. Box)

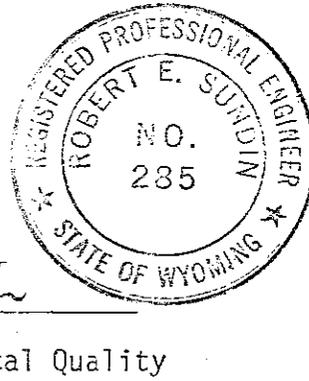
Duncan, Oklahoma 73536
(City) (County) (State)

to construct, install, or modify a sewage holding tank
facility located in Section 22, T.1N, T.4E.
(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. Surdian
Director
Wyoming Dept. of Environmental Quality


July 10, 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: Terry Titus
Worthington, Lenhart, Carpenter & Johnson, Inc.
632 South David
Casper, WY 82601

log 11/1/80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-320RR

Loffland Brothers Facility
(Name of Facility)

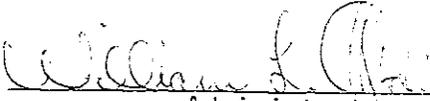
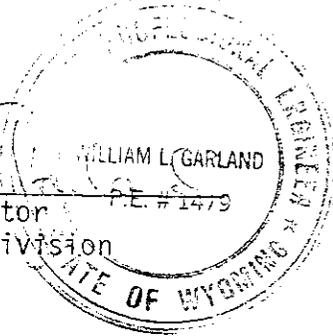
This permit hereby authorizes the applicant:

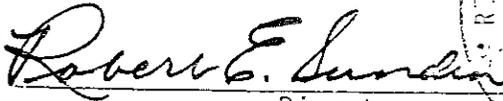
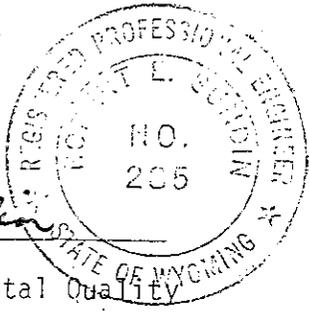
Loffland Brothers
(Last) (First) (Middle)
P. O. Box 3000
(Street or P.O. Box)
Casper, WY 82602
(City) (County) (State)

to construct, install, or modify a small, subsurface wastewater disposal
facility located in Section 11, T33N, R80W
(Legal Description)

in the County of Natrona, 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
P.E. # 1479
Administrator
Water Quality Division



Robert E. Sunden
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."

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

cc: Robert J. Coppin
Rocky Mountain Energy Co.
4704 Harlan Street
Denver, CO 80212

PERMIT TO CONSTRUCT

New

Permit No. 80-321R

Renewal

Modified

Red Rim Environmental Studies Summer Camp
(Name of Facility)

This permit hereby authorizes the applicant:

Rocky Mountain Energy Company
(Last) (First) (Middle)

4704 Harlan Street
(Street or P.O. Box)

Denver, CO 80212
(City) (County) (State)

to construct, install, or modify a small wastewater collection system
facility located in Sec. 6, T18N, R90W
(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 E. Garland
Administrator P.E. # 1479
Water Quality Division
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING

Robert E. Sarden
Director
Wyoming Dept. of Environmental Quality
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING
NO. 288

July 1, 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. 80-322RRRRR

Renewal

Modified

Windriver Addition Phase No. 2

(Name of Facility)

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

Pulte Homes Corporation - Wyoming Division

P.O. Box 1305

Laramie, WY 82070

to construct, install, or modify a water distribution system,
sanitary sewer collection system

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

No. 80-322RRRRR. The facility is located in Sec. 27, T. 19N,

R. 105W

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

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

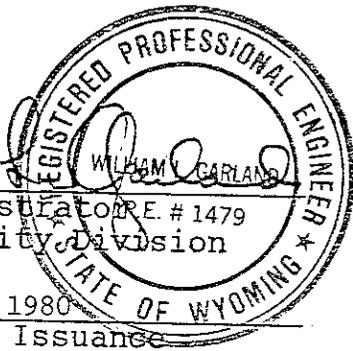
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

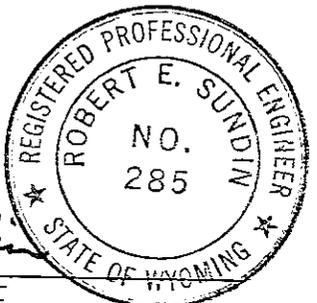
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

...hing 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
September 16, 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

PERMIT TO CONSTRUCT

New

Permit No. 80-323RRRRR

Renewal

Modified

Windriver Addition Phase No. 3

(Name of Facility)

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

Pulte Homes Corporation - Wyoming Division

P.O. Box 1305

Laramie, WY 82070

to construct, install, or modify a water distribution system,
sanitary sewer collection system

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

No. 80-323RRRRR. The facility is located in Sec. 27, T. 19N,
R. 105W

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

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

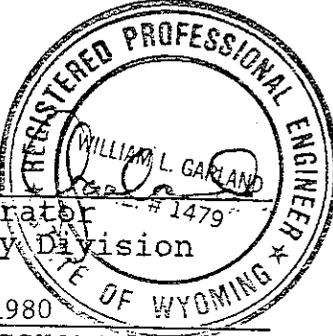
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

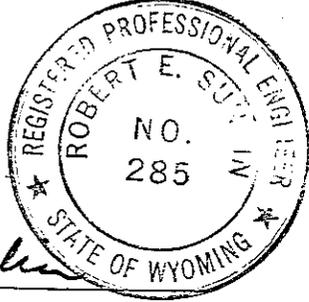
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

ning 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 16, 1980
 Date of Issuance

Robert E. Sutt

 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: Windriver Addition - Phase II & III

ENGINEER: Costin Engineering
2775 West Hampden Avenue
Englewood, CO 80110

OWNER:

WATER QUALITY DIVISION REFERENCE NUMBER: 80-322, 80-323

REVIEWING ENGINEER: Frank La Barge *FL*

DATE OF REVIEW: July 10, 1980

ACTION: NOT AUTHORIZED.

COMMENTS:

1. The plans must be stamped by an engineer registered in the State of Wyoming.
2. An application for permit to construct must be filled out and submitted in triplicate.
3. Please submit a summary of the basis of design for both the water lines and sewer lines.
4. A letter from the City of Rock Springs stating they can supply sufficient water pressure and meet critical demands is required.
5. A set of standards is required, in triplicate, stating such things as pipe materials, disinfection procedures, separation distances, available pressures, deflection tests, leakage tests, ect.

If you have any questions, please call.

Enclosure: 3 sets of application

cc: Larry L. Fuhriman
CH₂M Hill
11927 E. Louisiana
Aurora, CO 80012

cc: Wyoming Highway Dept.
Cheyenne, WY

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-325

Cheyenne Interstate Spur - WHD
(Name of Facility)

This permit hereby authorizes the applicant:

Board of Public Utilities
(Last) (First) (Middle)

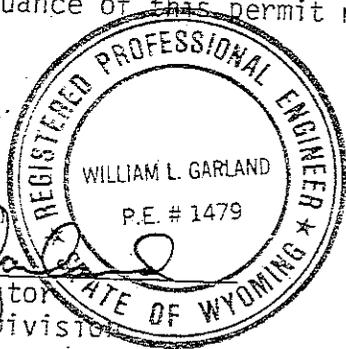
2101 O'Neil Street
(Street or P.O. Box)

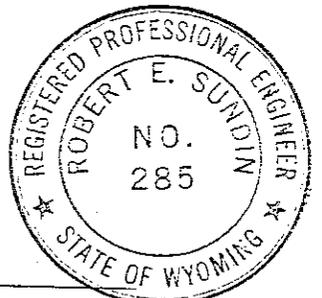
Cheyenne, WY 82001
(City) (County) (State)

to construct, install, or modify a municipal wastewater collection system
facility located in S31, T14N and S6, T13N, 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:


Administrator
Water Quality Division



Director
Wyoming Dept. of Environmental Quality


July 31, 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."



Department of Environmental Quality

Water Quality Division

401 W. 19TH STREET

EQUALITY STATE BANK BUILDING
CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

August 6, 1980

CERTIFIED

Board of Public Utilities
2101 O'Neil Street
Cheyenne, WY 82001

Re: Cheyenne Interstate
Spur - WHD
DEQ/WQD Permit No. 80-325

Gentlemen:

This letter is to inform you that the legal description on the above referenced permit was submitted in error. Please find enclosed a new Permit to Construct with the correct legal description. The old permit should be destroyed.

Thank you for your cooperation.

Sincerely,

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

William L. Garland
Administrator
Water Quality Division

WLG/pb

cc: Larry L. Fuhriman
Wyoming Highway Department

Enclosure

cc: Larry L. Fuhriman
CH2M Hill
11937 E. Louisiana
Aurora, CO 80012

cc: Wyoming Highway Dept.
Cheyenne, WY

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-325

Cheyenne Interstate Spur - WHD
(Name of Facility)

This permit hereby authorizes the applicant:

Board of Public Utilities
(Last) (First) (Middle)

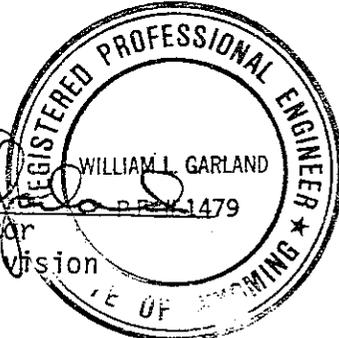
2101 O'Neil Street
(Street or P.O. Box)

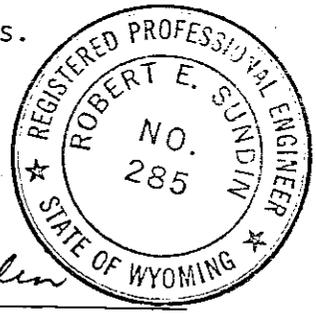
Cheyenne, WY 82001
(City) (County) (State)

to construct, install, or modify a municipal wastewater collection system
facility located in Sec. 32, T13N, 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. Sunden
Director
Wyoming Dept. of Environmental Quality


June 30, 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. 80-326

United Steel Workers Local 15320 Small Wastewater
(Name of Facility)

This permit hereby authorizes the applicant:

United Steel Workers Local 15320
(Last) (First) (Middle)

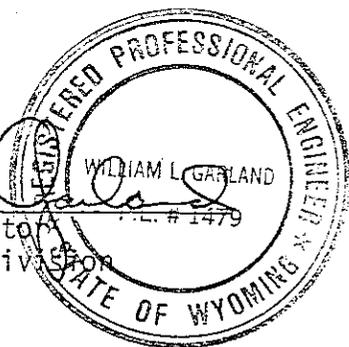
Star Route 2 Box 124
(Street or P.O. Box)

Green River WY 82935
(City) (County) (State)

to construct, install, or modify a small wastewater
facility located in Section 8, T.18N., R.107W.
(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


Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality


July 10, 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. 80-327

Yanni Sedimentation Reservoir
(Name of Facility)

This permit hereby authorizes the applicant:

FMC Corporation Skull Point Mine
(Last) (First) (Middle)

P.O. Box 750
(Street or P.O. Box)

Kemmerer Wyoming 83101
(City) (County) (State)

to construct, install, or modify a sedimentation reservoir
facility located in Sec. 35, T. 19N, R. 117W
(Legal Description)

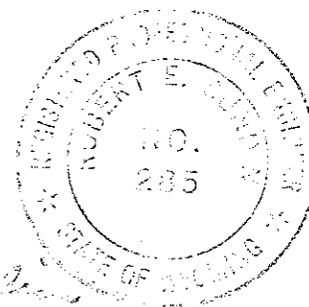
in the County of Lincoln, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

[Signature]
Administrator
Water Quality Division



[Signature]
Director
Wyoming Dept. of Environmental Quality



July 30, 1980
Date of Issuance

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

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 28, 1982

FMC Corporation Skull Point Mine
P. O. Box 750
Kemmerer, WY 83101

Attention: Clayton Kyte

RE: Permit No's. 80-328, 80-329, 80-330,
80-331 and 80-332

Dear Mr. Kyte:

As per our phone conversation of today, the plans you brought in last August were logged in and are serving as as-built drawings for the referenced pond permits. The changes are noted and will not require further permit modification in this case.

Please call if you have questions.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB:dcn

cc: Cheyenne DEQ/WQD
Lander DEQ/LQD
File (3)

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

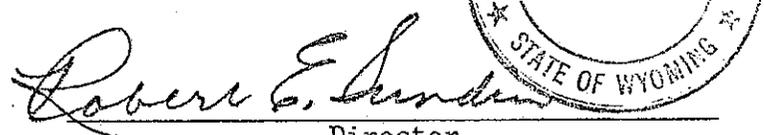
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

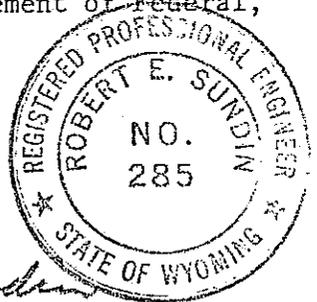
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator
Water Quality Division
STATE OF WYOMING
August 23, 1982
Date of Issuance


ROBERT E. SUNDIN
Director
Dept. of Environmental Quality



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

AB:dp

GRANT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-328

Thomas Sedimentation Reservoir
(Name of Facility)

This permit hereby authorizes the applicant:

FMC Corporation Skull Point Mine
(Last) (First) (Middle)

P.O. Box 750
(Street or P.O. Box)

Kennerer Wyoming 83101
(City) (County) (State)

to construct, install, or modify a sedimentation reservoir
facility located in Sec. 35, T. 19N, R. 117W
(Legal Description)

in the County of Lincoln, 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:

[Signature]
Administrator
Water Quality Division



[Signature]
Director
Wyoming Dept. of Environmental Quality



July 30, 1980
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality or its officers or employees that the permitted facility, in construction, will meet applicable discharge permit conditions or other relevant 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.

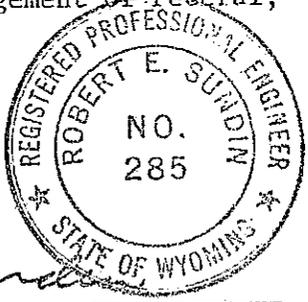
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 J. Adams

Administrator
Water Quality Division
August 23, 1983
Date of Issuance


Robert E. Sundin

Director
Dept. of Environmental Quality

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

AB:dp

STATE OF WYOMING

- New
- Renewal
- Modified

Permit No. 80-449

Gabardi Sedimentation Reservoir
(Name of Facility)

This permit hereby authorizes the applicant:

FMC Corporation Skull Point Mine
(Last) (First) (Middle)

P.O. Box 750
(Street or P.O. Box)

Kemmerer Wyoming 83101
(City) (County) (State)

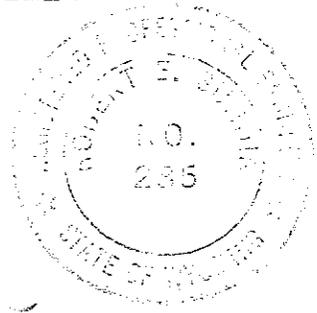
to construct, install, or modify a sedimentation reservoir
facility located in Sec. 35, T. 19N, R. 117W
(Legal Description)

in the County of Lincoln, 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:

[Signature]
Administrator
Water Quality Division
STATE OF WYOMING

[Signature]
Director
Wyoming Dept. of Environmental Quality



July 30, 1980
Date of Issuance

"The authority to construct granted by this permit does not, and nor does it imply that the Wyoming Department of Environmental Quality guarantees or warrants that the permitted facility, when constructed, will meet applicable standards, state or federal, or other relevant or applicable requirements."

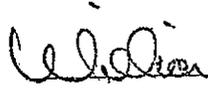
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

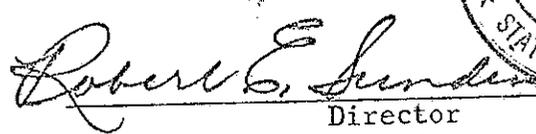
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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. GARLAND
Administrator
Water Quality Division
STATE OF WYOMING
August 25, 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.

AB:dp

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

New

Permit No. 80-330

Renewal

Modified

FMC Detention Reservoir

(Name of Facility)

This permit hereby authorizes the applicant:

FMC Corporation Skull Point Mine

(Last)

(First)

(Middle)

P.O. Box 750

(Street or P.O. Box)

Kemmerer

(City)

Wyoming

(County)

83101

(State)

to construct, install, or modify a detention reservoir

facility located in Sec. 27, T. 20N, R. 117W

(Legal Description)

in the County of Lincoln

in the State of

Wyoming. This permit shall be effective for a period of two years

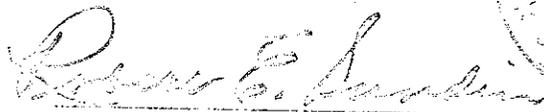
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

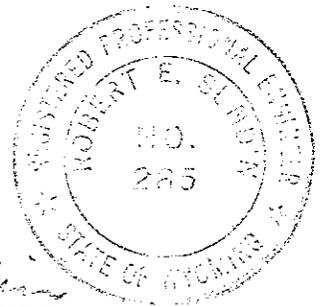


Administrator
Water Quality Division





Director
Wyoming Dept. of Environmental Quality



July 30, 1980

Date of Issuance

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

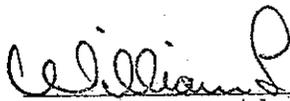
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

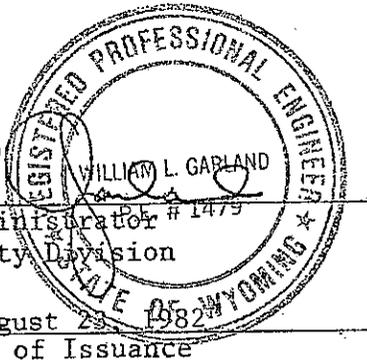
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

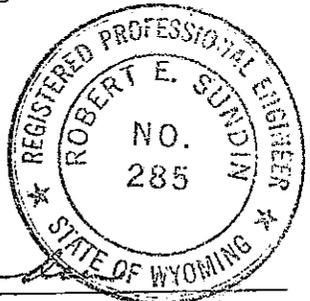
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator # 1475
Water Quality Division
August 23, 1982
Date of Issuance




Director
Dept. of Environmental Quality



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

AB:dp

PERMIT TO CONSTRUCT

New

Permit No. 80-331

Renewal

Modified

Schilaty Sedimentation Reservoir

(Name of Facility)

This permit hereby authorizes the applicant:

FMC Corporation Skull Point Mine

(Last)

(First)

(Middle)

P.O. Box 750

(Street or P.O. Box)

Kemmerer

(City)

Wyoming

(County)

83101

(State)

to construct, install, or modify a sedimentation reservoir

facility located in Sec. 27, T. 19N, R. 117W

(Legal Description)

in the County of Lincoln

in the State of

Wyoming. This permit shall be effective for a period of two years

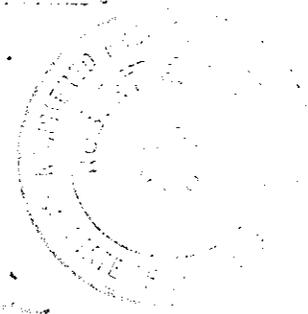
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

[Signature]
Administrator
Water Quality Division



[Signature]
Director
Wyoming Dept. of Environmental Quality



July 30, 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 assures that the proposed facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

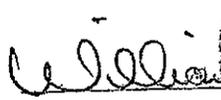
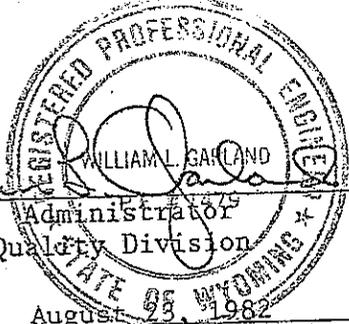
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

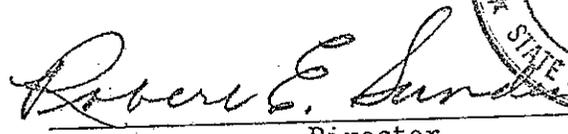
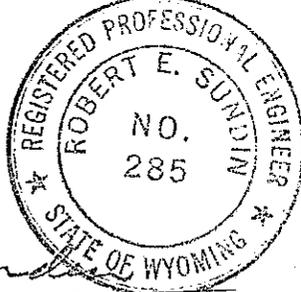
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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. GARLAND
Administrator
Water Quality Division
August 23, 1982
Date of Issuance



Director
Dept. of Environmental Quality

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

AB:dp

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-332

Whitten Sedimentation Reservoir
(Name of Facility)

This permit hereby authorizes the applicant:

EMC Corporation Skull Point Mine
(Last) (First) (Middle)

P.O. Box 750
(Street or P.O. Box)

Kemmerer Wyoming 83101
(City) (County) (State)

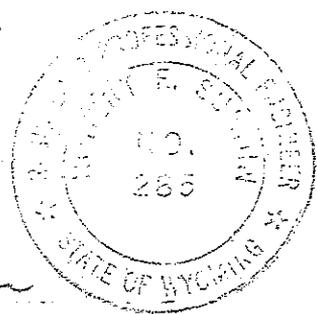
to construct, install, or modify a sedimentation reservoir
facility located in Sec. 34, T. 19N, R. 117W
(Legal Description)

in the County of Lincoln, 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:

[Signature]
Administrator
Water Quality Division

[Signature]
Director
Wyoming Dept. of Environmental Quality



July 30, 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 warrants that the per-
mitted facility, when constructed, will not require a discharge permit in di-
stribution of water or other pollutants.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-333

West Highwall and Skull Point Draw Diversions
(Name of Facility)

This permit hereby authorizes the applicant:

EMC Corporation Skull Point Mine
(Last) (First) (Middle)

P.O. Box 750
(Street or P.O. Box)

Kemmerer Wyoming 83101
(City) (County) (State)

to construct, install, or modify the West Highwall and Skull Point Draw Diversions
facility located in Sec. 27 and 28, T. 20N, R. 117W
(Legal Description)

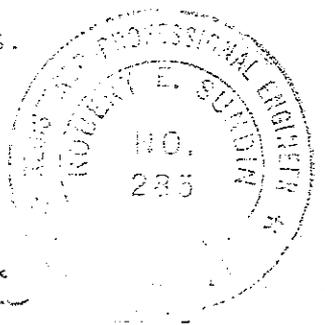
in the County of Lincoln, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:



William L. Garland
Administrator
Water Quality Division

Robert E. Suttum
Director
Wyoming Dept. of Environmental Quality



July 30, 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 warrants that the per-
mitted facility, when constructed, will not require discharge permit or di-
verse from the permit or operational requirements."

cc: Tom Burnett, Carter/Leikam & Assoc., 740 S. 4th St., Douglas, WY 82633
Larry Bourett, Commissioner of Agriculture, WY Dept. of Agriculture, Cheyenne, WY
William A. Galletly, City Administrator, City of Douglas, Douglas, WY 82633

PERMIT TO CONSTRUCT

New

Permit No. 80-334

Renewal

Modified

State Fairgrounds

(Name of Facility)

This permit hereby authorizes the applicant:

Ogg

William

(Last)

(First)

(Middle)

State Fair Director

Wyoming Dept. of Agriculture

Drawer 10

(Street or P.O. Box)

Douglas,

WY 82633

(City)

(County)

(State)

to construct, install, or modify a municipal water distribution & wastewater collection

facility located in Sec. 8, T32N, R71W

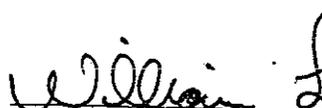
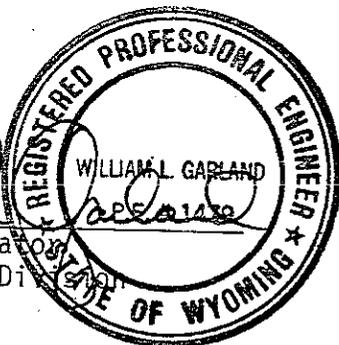
(Legal Description)

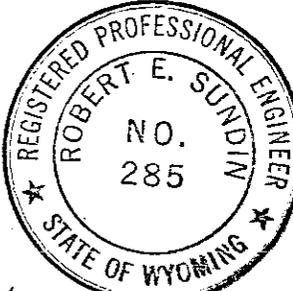
in the County of Converse, in the State of

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:



Administrator
Water Quality Division
STATE OF WYOMING



Director
Wyoming Dept. of Environmental Quality

July 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."

xc: William McLaughlin
Jacobs Engineering Group, Inc.
3700 Buffalo Speedway
Houston, TX 77098

PERMIT TO CONSTRUCT

New

Permit No. 80-335

Renewal

Modified

WASTEWATER TREATMENT FACILITY - EXXON HIGHLAND URANIUM MINE
(Name of Facility)

This permit hereby authorizes the applicant:

Exxon Minerals Corporation, Attention: H.H. Trussell, Jr.
(Last) (First) (Middle)

P.O. Box 3020

(Street or P.O. Box)

Casper, Wyoming 82602

(City)

(County)

(State)

to construct, install, or modify a subsurface wastewater treatment

facility located in Section 19, T.36N., R.72W.

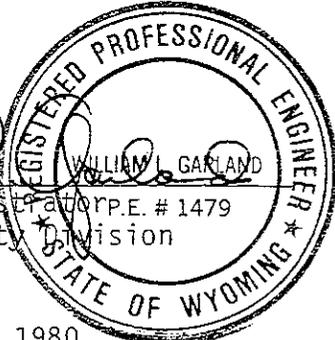
(Legal Description)

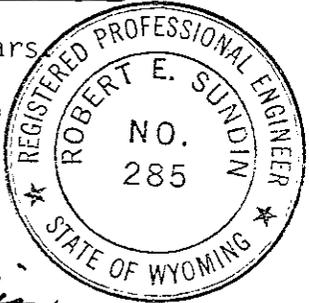
in the County of Converse, in the State of

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 P.E. # 1479
Water Quality Division


Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

July 17, 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."

Norma

RECEIVED AUG 26 1981

THE STATE OF WYOMING



ED HERSCHLER
GOVERNOR

*Department of Environmental Quality
Water Quality Division*

2161 COFFEEN AVENUE,
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 225-1571

August 19, 1981



Mr. Michael R. Neumann
Rocky Mountain Energy Company
190 Pronghorn
Casper, Wyoming 82601

RE: DEQ Reference No. 80-336
Nine Mile Lake Evaporation
Reservoir "C"

Dear Mr. Neumann:

Our records indicate that your application for a permit to construct for the above referenced project has not been resubmitted to this office. Please indicate below the status of your application.

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

_____ The application will be resubmitted within 30 days.

_____ The facility has been constructed, or is under construction.

X Other remarks THERE ARE NO CURRENT PLANS FOR CONSTRUCTION BUT

If this letter is not returned within 30 days, your application will be removed from our files. **APPLICATION MAY BE SUBMITTED SOMETIME IN 1982.**

Sincerely,

Lea Stoneburner

Lea Stoneburner
Administrative Assistant

ls

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Michael R. Neumann

Withdrawn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
30 East Grinnell
Sheridan, Wyoming 82801



PROJECT: Nine Mile Lake Evaporation Reservoir "C"
ARCHITECT OR ENGINEER: Rocky Mountain Energy Company
190 Pronghorn
Casper, Wyoming 82601
WATER QUALITY DIVISION REFERENCE NUMBER: 80-336
REVIEWING ENGINEER: Tom Mueller *TJM*
DATE OF REVIEW: August 18, 1980
ACTION: Not Authorized for Construction. See Comments.

COMMENTS:

The proposed reservoir would not have an artificial membrane liner. The only previous such reservoir authorized was RME's Nine Mile Lake Reservoir "B". Wastewater placed in Reservoir B was to be treated for radionuclide removal. Such treatment is apparently not planned for the groundwater sweep effluent to be placed in Reservoir C. In addition, it is anticipated that Reservoir C will be used during future commercial operations at Nine Mile.

In light of the above, the Water Quality Division must be satisfied that migration of radionuclides away from Reservoir C will not pose any serious threat to groundwater. Additional information is needed to adequately evaluate the application. The following must be supplied:

- 1) Anticipated quality of water placed in the Reservoir from a groundwater sweep of either Test Pattern 3 or Test Pattern 4;
- 2) Anticipated permeability of the compacted clay blanket liner;
- 3) Anticipated limits of radionuclide migration from the reservoir. Necessary data and calculations for substantiation of this information should also be submitted;
- 4) Anticipated use of the reservoir during commercial mining, indicating types of wastewater to be disposed of there.

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 80-337R
Ref. No. 76-20

Miller Upper Mobile Home Park

(Name of Facility)

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

Fred Miller

6414 North College Drive

Cheyenne, WY 82001

to construct, install, or modify a commercial subsurface wastewater treatment

facility according to the procedures and conditions of the application

No. 80-337R. The facility is located in Section 9, T13N, R66W

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

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

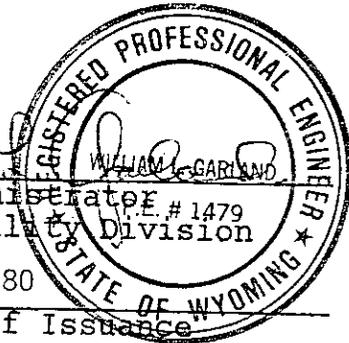
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

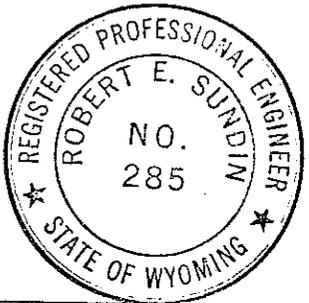
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

~~XXXXXXXXXXXXXXXXXXXX~~ 401 West 19th Street
Cheyenne, Wyoming 82002

PROJECT: Miller Upper Mobile Home Park

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

WATER QUALITY DIVISION REFERENCE NUMBER: 80-337

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

DATE OF REVIEW: July 31, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Why is the proposed leachfield attached to the end of the old field?
Has the number of units increased? What is the estimated flowrate to
the proposed leach field? If the old leach field has failed, connect
the proposed field to the septic tank effluent line.

Paradise Valley Water & Sewer District
Engineering Company
1000 North 10th Street
Casper, Wyoming 82501

Permit No. 01-0038
Date of Issuance: 11/15/85

Paradise Valley Water & Sewer District
(Name of Facility)

This permit hereby authorizes the applicant:

Paradise Valley Water & Sewer District
(Last) (First) (Middle)
& Casper Board of Public Utilities
200 North 10th
(Street or P.O. Box)

Casper, WY 82501
(City) (County) (State)

to construct, install, or modify a municipal wastewater wastewater treatment
facility located in Section 14, T33N, R90W
(Legal Description)

in the County of Natrona, in the State of

Wy. 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.

ISSUED BY:

[Signature]
Director
Wyoming Dept. of Environmental Quality

[Signature]
Administrator
Water Quality Division

11/15/85
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 supersede the requirements for obtaining a Cyclic Risk Permit from the Wyoming Department of Environmental Quality.

SPECIAL CONDITIONS

SWQ-700 Permit to Construct No. 80-841R

The applicant shall be restricted to the construction of 275 family home units in the Paradise Valley Water & Sewer District until such time as the flow equalization facility has been constructed and placed into operation.

The effective period of the 275 family home construction restriction is March 19, 1979 to the start-up date of the flow equalization facility.

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

7-21-80

PERMIT TO CONSTRUCT

New

Permit No. 80-340

Renewal

Modified

Rochester Avenue Water Line Extension

(Name of Facility)

This permit hereby authorizes the applicant:

McNellis

John

(Last)

(First)

(Middle)

P. O. Box 1067

(Street or P.O. Box)

Saratoga

Carbon

WY 82331

(City)

(County)

(State)

to construct, install, or modify a Municipal water distribution

facility located in Section 11, T17N, R84W

(Legal Description)

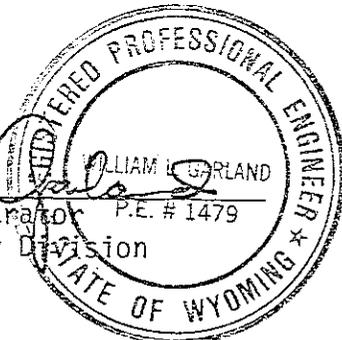
in the County of Carbon, in the State of

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

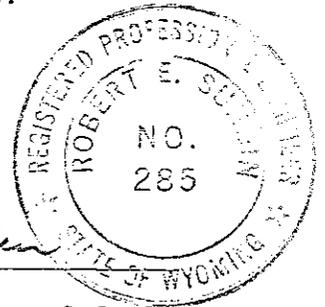
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

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



Robert E. Sunden
Director
Wyoming Dept. of Environmental Quality



July 11, 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."

MA 10722
Box #5
folded

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-341

Bondurant Bar and Cafe Wastewater Disposal System
(Name of Facility)

This permit hereby authorizes the applicant:

Ken Myers - Owner
(Last) (First) (Middle)

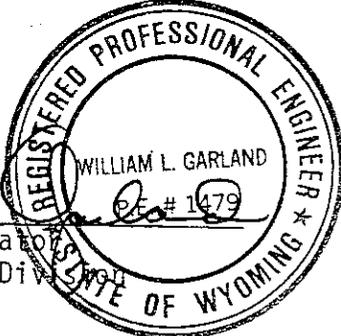
P. O. Box 1421
(Street or P.O. Box)

Riverton, WY 82501
(City) (County) (State)

to construct, install, or modify a septic tank/mound system
facility located in Section 4, T.37N., R.113W.
(Legal Description)

in the County of Sublette, 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


July 15, 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. 80-342R

WATER STORAGE AND DISTRIBUTION IMPROVEMENTS--TOWN OF SUNDANCE
(Name of Facility)

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

Town of Sundance

P.O. Box 542

Sundance, Wyoming 82729

to construct, install, or modify a water storage and distribution
line

facility according to the procedures and conditions of the application
 No. 80-342R. The facility is located in Section 23,
T.52N., R.63W.

in the County of Crook, 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.

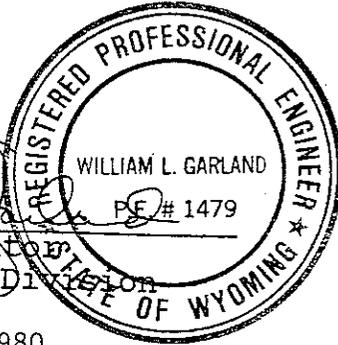
The authority to construct granted by this permit does not mean or
 imply that the Wyoming Department of Environmental Quality guarantees
 or insures that the permitted facility, when constructed, will meet
 applicable discharge permit conditions or other effluent or oper-
 ational requirements.

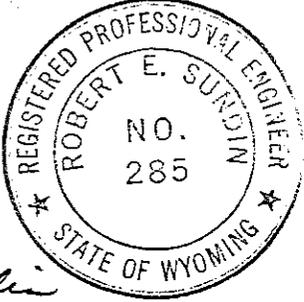
The permittee shall allow authorized representatives from the Depart-
 ment of Environmental Quality, Water Quality Division, upon the pre-
 sentation of credentials and during working hours, to have access to
 inspect the facilities, at the above location, for the purpose of
 compliance with the provisions 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
WILLIAM L. GARLAND
PE # 1479
Administrator
Water Quality Division
STATE OF WYOMING


Robert E. Sordin
Director
Dept. of Environmental Quality

October 8, 1980
Date of Issuance

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

cc: Ralph Goodson
Bear Lodge Engineering
Box 130
Sundance, Wyoming 82729

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-343RRR

Meadows of the Hoback Canyon Subdivision Water System
(Name of Facility)

This permit hereby authorizes the applicant:

Stemper Ray T.
(Last) (First) (Middle)

P. O. Box 1142
(Street or P.O. Box)

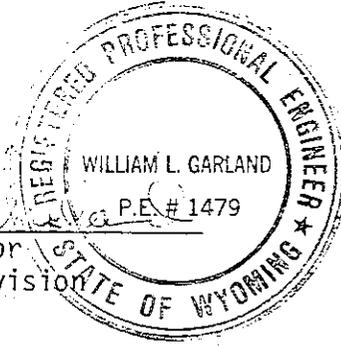
Jackson WY 83001
(City) (County) (State)

to construct, install, or modify a spring fed water system
facility located in Section 9 and 16, T.38N., R.115N.
(Legal Description)

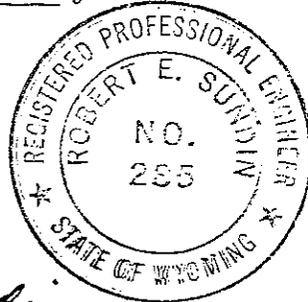
in the County of Teton, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



August 13, 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."

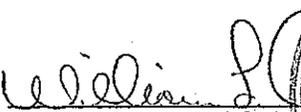
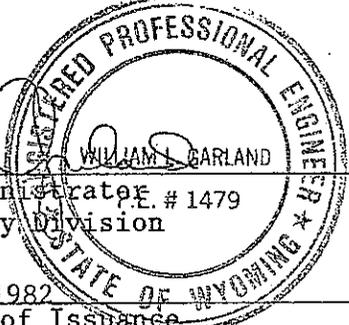
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

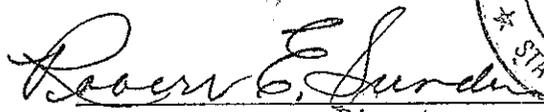
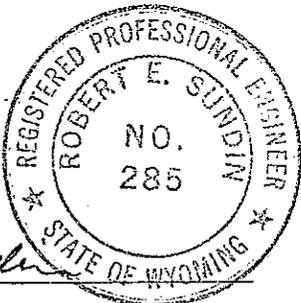
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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



Director
Dept. of Environmental Quality


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

AJB:ch

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING, 82520.
(307) 332-3144



PROJECT: Meadows of the Hoback Canyon Subdivision Water System

ENGINEER: Peter M. Jorgensen
P.O. Box 1142
Jackson, WY 83001

OWNER: Ray T. Stemper
c/o Peter M. Jorgensen

WATER QUALITY DIVISION REFERENCE NUMBER: 180-343

REVIEWING ENGINEER: ^{FOR} Francis LaBarge *M. R. Callan*

DATE OF REVIEW: 7/14/80

ACTION: NOT AUTHORIZED.

COMMENTS:

1. Please state the anticipated uses of the water in the subdivision. A daily demand of 125 gpcd seems to be low. Can you justify this figure?
2. Do you anticipate any future expansion?
3. Inside dimensions of the storage tank at 10'X14'X14' compute to 14,663 gallon storage capacity, not 15,000 gallons.
4. A profile of the entire water system including flow and pressure calculations is required.
5. The top of the storage tank shall not be less than two feet above normal ground surface.
6. The overflow must open downward and be screened with 16 mesh noncorrodible screen.
7. The storage tank shall be fitted with a solid watertight cover which overlaps the framed opening and extends down around the frame at least two inches. Provide details to show the manhole cover meets this requirement.

8. Please provide details of the watertightness of the storage tank. Is waterstop used at the construction joints? If so, indicate it. Show details of pipe connections running through the roof and sidewalk. These pipes shall be connected to standard wall castings which were poured in place during the forming of the concrete. These wall castings should have seepage rings embedded in the concrete.
9. Show that the roof will be drained.
10. What provisions have been taken to prevent freezing in the tank and distribution system. If freezing occurs, how will thawing be accomplished?
11. The area surrounding the tank shall be graded in a manner that will prevent surface water from standing within 50 feet of it. A diversion ditch on the upslope side may be required.
12. A fence around the storage tank shall be provided to prevent trespassing, vandalism and sabotage.
13. The spring shall be insect proof, dust proof and rainproof. Please provide details to show these criteria are met.
14. A chemical analysis indicating pH and alkalinity is required to see if the spring water will attack the metal culvert. In lieu of this procedure, the culvert can be protected by paint or other protective coatings.
15. What method of tank disinfection will be used?
16. The plans must be stamped with the following paragraph: "The 1979 Wyoming Associated General Contractor (AGC) Public Works Standards shall apply. All work to be in conformance with the Standards and Specifications of the Wyoming AGC."
17. Please submit all the required information in triplicate to this office. If you have any questions, please call.

FL/kn

PERMIT TO CONSTRUCT

New

Permit No. 80-344 RRR

Renewal

Modified

~~Crossed Sabres Ranch, Inc~~
(Name of Facility)

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

Marta, Rich

Wapiti, Wyoming 82450

to construct, install, or modify a septic tanks- lead fields,
sewage collection system, water distribution lines

facility according to the procedures and conditions of the application
No. 80-344 RRR. The facility is located in Sec. 16, T52N, R108W.

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 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.

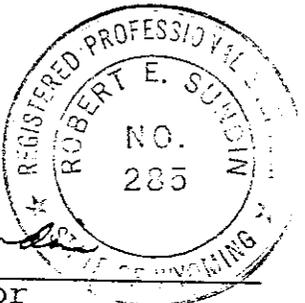
The permittee shall allow authorized representatives from the Depart-
ment of Environmental Quality, Water Quality Division, upon the pre-
sentation of credentials and during working hours, to have access to
inspect the facilities, at the above location, for the purpose of
compliance with the provisions 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
WILLIAM L. GARLAND
Administrator P.E. # 1479
Water Quality Division
October 6, 1980
Date of Issuance


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

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

JCH/yh

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

(307) 332-3144

PROJECT: Crossed Sabres Ranch

ENGINEER: Roy Holm, P.E.
Norman Smith, Inc.
P.O. Box 1748
Cody, WY 82414

OWNER: Rich Marta
Cross Sabres Ranch
Wapiti, WY 82450

WATER QUALITY DIVISION REFERENCE NUMBER: 80-344

REVIEWING ENGINEER: Jeff Hermansky



DATE OF REVIEW: July 31, 1980

ACTION: NOT AUTHORIZED.

COMMENTS:

1. The septic tank and leach field that serves the existing Main Lodge may not be sufficient to serve the additional load on the lodge created by the proposed Guest Cabins. This Department will require more information concerning the loads on the disposal system and its ability to handle those loads.
2. Since the water facility is considered a public water supply during the guest season, it is required that the Wyoming Department of Health and Social Services be sent monthly bacteriological samples just before the start and during the guest season.
3. Since no depth to groundwater has been established on this site, a test hole should be dug to determine the depth to groundwater or dug a minimum of 8 feet deep. This should be done when a backhoe is brought in for construction or sooner if the owner so desires. This office should be notified of the findings as soon as the test pit is dug.

JH/kn

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING, 82520.
(307) 332-3144

PROJECT: Ball Second Addition to the Town of Marbleton

ENGINEER: Robert A. Harrower
Rio Verde Engineering
Box 67
Pinedale, WY 82941

OWNER: Frank Ball, III
Big Piney, WY 83113

WATER QUALITY DIVISION REFERENCE NUMBER: 80-345

REVIEWING ENGINEER: *FOR M. Lulu Cullen*
Frank La Barge

DATE OF REVIEW: July 14, 1980

ACTION: NOT AUTHORIZED.

COMMENTS:

1. If you intend to use Wyoming Associated General Contractor Material/Construction Specifications, the plans must be stamped with the following paragraph:

"The 1979 Wyoming Associated General Contractor (AGC) Public Works Standards shall apply. All work to be in conformance with the Standards and Specifications of the Wyoming AGC."

Also specify on the plans vertical and horizontal separation distances of Water and sewer pipes and the method of disinfection to be used.

2. Please have the Town of Marbleton send us a letter saying they can supply the additional water and treat the additional sewage.

3. Please note the enclosed policy statement on Permastran pipe used for pressure water applications. Include on the plans a statement to the effect you are aware of the policy and will meet its requirements. Please send this office a copy of your flow and pressure calculations for verification that the permastran pipe can be used.

4. A copy of the "Wyoming Associated General Contractors, Public Work Standards", for material/construction specifications can be obtained from:

Wyoming Public Works, Specification Committee
c/o Associated General Contractors of Wyoming, Inc.
P. O. Box 965, Hitching Post Inn
Cheyenne, WY 82001

5. Please submit three copies of all required information. Feel free to contact this office if you have any questions.

Enclosure:

158

PERMIT TO CONSTRUCT

New

Permit No. 80-346R

Renewal

Modified

Petrotomics Company Mill Complex
(Name of Facility)

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

Petrotomics Company, Michael J. Franko

P. O. Box 2509

Shirley Basin, WY 82615

to construct, install, or modify an industrial subsurface evapo-
transpiration wastewater disposal

facility according to the procedures and conditions of the application

No. 80-346R. The facility is located in Section 9,
T27N, R78W

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.

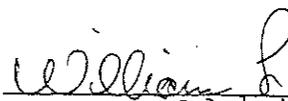
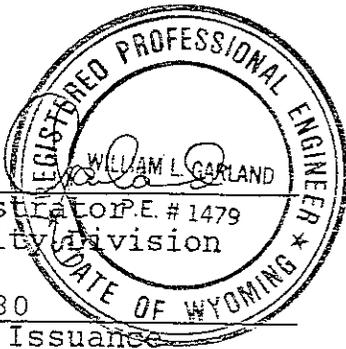
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

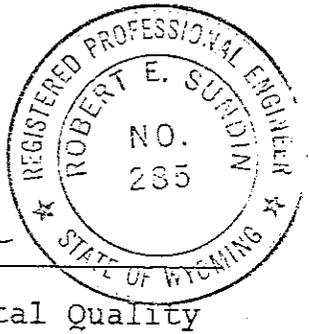
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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



Administrator P.E. # 1479
Water Quality Division
October 10, 1980
Date of Issuance



Director
Dept. of Environmental Quality

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

cc: George Hoffman
Hydro-Engineering
4361 Valley Road
Casper, WY 82601

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~STATE OFFICE BUILDING~~ 401 West 19th Street
Cheyenne, Wyoming 82002

PROJECT: Petrotomics Company Mill Complex Carbon County

ARCHITECT OR ENGINEER:

WATER QUALITY DIVISION REFERENCE NUMBER: 80-346

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

DATE OF REVIEW: July 30, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The plans and specifications must carry the signature or seal of a professional engineer licensed in Wyoming.
2. Eight inch sewer lines are preferred for conveying raw wastewater from the well to the septic tank. Justify your design for a six inch line, i.e. depth of wastewater in pipe, average daily flow, slope, etc. Also provide profile drawing indicating sewer slopes and depths of bury for both lines. Minimum slope for a six inch line is 0.60 feet/100 feet and 0.40 feet/100 feet for an eight inch line.
3. The distance between the proposed manhole and the septic tank exceeds our standard (Ten States) of 400 feet for sewers smaller than 15 inches. Provide an additional manhole to meet the 400 foot spacing standard. The line from the septic tank to the bed is acceptable because solids deposition would not be expected.
4. Recommend an extender for the septic tank manhole to allow ease of tank pumping when solids have been built up inside.
5. Indicate placement of plastic liner on bed profile view.
6. The composition of the 4" of topsoil cover should be closely checked. You would not like to place a large amount of 240+ min/inch soil on top of the sand, thus effectively sealing the bed top and causing the system to fail. Use a good quality top soil to prevent this problem.

9-24-81

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 80-347

Ref.No. 80-50R

Cottonwood Village Subdivision
(Name of Facility)

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

Moreland Development Company

P.O. Box 7600

Los Angeles, CA 90051

to construct, install, or modify a municipal water distribution and wastewater collection systems facility according to the procedures and conditions of the application No. 80-347. The facility is located in Section 21, T21N, R87W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

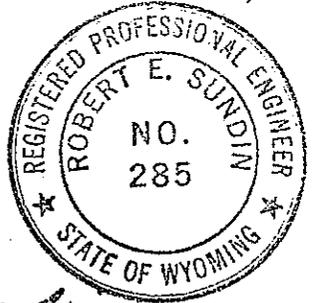
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

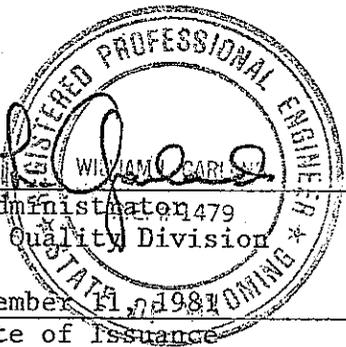
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:



A circular professional seal for William Carl, a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER", "WILLIAM CARL", and "STATE OF WYOMING" with two stars on either side.
William Carl
Administrator 1479
Water Quality Division
September 11, 1981
Date of Issuance

Robert E. Sundin
Director
Dept. of Environmental Quality

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

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

ROBERT JACK SMITH
CONSULTING ENGINEERS



& ASSOCIATES, INC.
AND LAND SURVEYORS

P.O. BOX 1104

RAWLINS, WYOMING 82301

1015 HARSHMAN

PHONE (307) 324-5262

JOB NO. _____

September 3, 1981

Dept. of Environmental Quality
Water Division
1111 E. Lincoln Way
Cheyenne, Wyoming 82002



Dear William Garland,

I would like to request a 2 year extension to Permit No. 80-347 (Reference No. 80-50R) Cottonwood Village Subdivision, Rawlins, Wyoming.

We have completed construction on Locust Street, Olive Circle, and State Street. This leaves Ash Avenue, Apple Court, Hackberry Circle, & Hackberry Court to be completed. The extension is for completion of these streets. The remaining streets are residential streets and there appears to be little demand for residential housing for the next year or two in Rawlins.

This subdivision is a Planned Unit Development and the City of Rawlins requires construction to be completed in 1985.

Therefore this project will be completed before 5 years from July 28, 1980.

If you have any questions, please contact me.

Thank you.

Sincerely,

A handwritten signature in cursive script that reads 'Rex A. Behrends'.
Rex A. Behrends, P.E.

cc: Doug Burhoe
Jim Carney
Frank Rickman

RAB/d

Principals:
MARTIN PEDERSEN
PAUL McCARTHY

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

7-12-80

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 80-347
Ref.No. 80-50R

Cottonwood Village Subdivision
(Name of Facility)

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

Moreland Development Company

P.O. Box 7600

Los Angeles, CA 90051

to construct, install, or modify a public water supply distribution and wastewater collection systems facility according to the procedures and conditions of the application No. 80-347. The facility is located in Section 21, T21N, R87W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

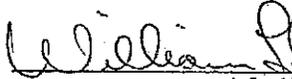
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

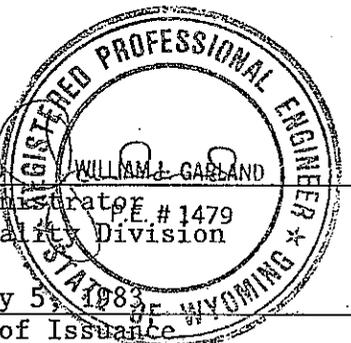
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

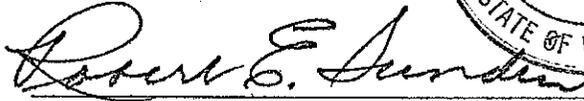
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

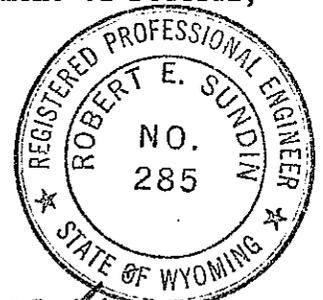
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM J. GARLAND
Administrator, E. # 1479
Water Quality Division
July 5, 1983
Date of Issuance




Director
Dept. of Environmental Quality



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

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

ROBERT JACK SMITH
CONSULTING ENGINEERS



& ASSOCIATES, INC.
AND LAND SURVEYORS

P.O. BOX 1104

RAWLINS, WYOMING 82301

1015 HARSHMAN

PHONE (307) 324-5262

JOB NO. 2943.820

June 30, 1983



Wyoming Dept. of Environmental Quality
Water Quality Division
1111 E. Lincolnway
Cheyenne, Wyoming 82002

Attn: LeRoy Feusner, P.E.

Re: Renewal of Permit to Construct No. 80-347

Dear Mr. Feusner,

The current Renewal of Permit to Construct No. 80-347, for the Cottonwood Village Subdivision was issued on September 11, 1981, and will expire on September 11, 1983.

I am requesting, on behalf of Moreland Development Company, that Permit No 80-347 be renewed and be effective through the 1985 construction season.

The major portion of the sewer and water construction covered by this permit has been completed. The main water distribution system loops are completed. The work remaining consists of mains and services to single family residential lots. The demand for these lots does not exist at this time and is the reason for requesting an extension of the permit time.

Please call me if you have any questions.

Sincerely,
Robert Jack Smith & Associates, Inc.

Paul McCarthy
Paul McCarthy

PM/mej

cc: Moreland Development - Frank Rickman

Principals:

MARTIN PEDERSEN
PAUL McCARTHY

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

cc: Rex A. Behrends
Robert Jack Smith and Associates, Inc.
P. O. Box 1104
Rawlins, WY 82301

*log & file
m-2-d*

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-347
Reference No. 80-50R

Cottonwood Village Subdivision
(Name of Facility)

This permit hereby authorizes the applicant:

Moreland Development Company
(Last) (First) (Middle)
Union Oil Center

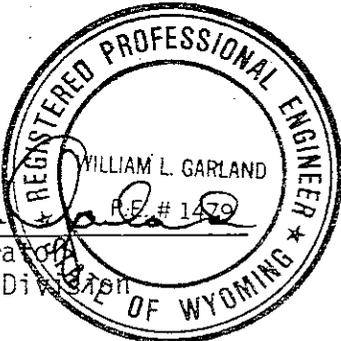
P. O. Box 7600
(Street or P.O. Box)

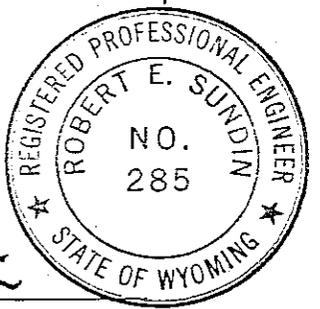
Los Angeles, CA 90051
(City) (County) (State)

to construct, install, or modify a municipal water distribution and wastewater
collection system
facility located in Section 21, 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
Administrative
Water Quality Division


Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality


July 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: Weed and Pest No. 3

ENGINEER: Harry L. Moore
P.O. Box 1633
Rock Springs, WY 82901

OWNER: Sweetwater Company Weed and Pest Board
P.O. Box 73
Farson, WY 82932

WATER QUALITY DIVISION REFERENCE NUMBER: 80-348

REVIEWING ENGINEER: *For M. L. Callen*
Darryl D. Alleman, P.E.

DATE OF REVIEW: 7/14/80

ACTION: NOT AUTHORIZED.

COMMENTS:

With reference to your application for a small waste facility for the Sweetwater Company Weed and Pest Board, the proposed settling tank does not meet the minimum requirements. Please refer to Section 2 of appendix B of the attached regulation.

If you have any questions, please contact me.

DA/kn

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-349R

Norris Junction Domestic Water System
(Name of Facility)

This permit hereby authorizes the applicant:

Superintendent - Yellowstone National Park
(Last) (First) (Middle)

Mammoth
(Street or P.O. Box)

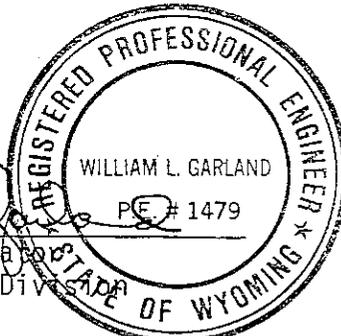
Yellowstone National Park, Wyoming 82190
(City) (County) (State)

to construct, install, or modify & water system improvements
~~facility~~ located in 44°44'N, 110°42'W
(Legal Description)

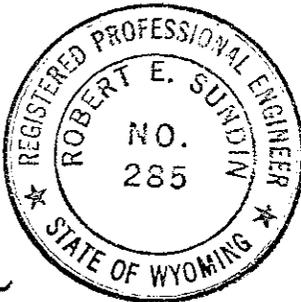
in the County of Park, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
 Administrator
 Water Quality Division



Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality



August 29, 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."

MRC/kn

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-350R

Lake Village Domestic Water System
(Name of Facility)

This permit hereby authorizes the applicant:

Superintendent - Yellowstone National Park
(Last) (First) (Middle)

Mammoth
(Street or P.O. Box)

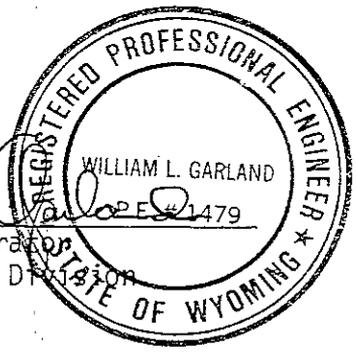
Yellowstone National Park Wyoming 82190
(City) (County) (State)

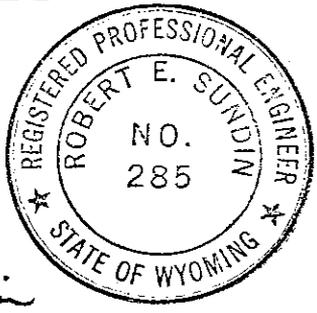
to construct, install, or modify ~~XX~~ water system improvements

~~facility~~ located in 44°33'N, 110°23'W
(Legal Description)

in the County of Park, 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 29, 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."