

xc: Scott Engineering Co.
P.O. Box 2097
Gillette, WY 82716

Campbell County Sanitarian
P.O. Box 2848
Gillette, WY 82716

PERMIT TO CONSTRUCT

M405
374.80

- New
- Renewal
- Modified

Permit No. 80-201

RIGHT LIQUOR BACKUP SYSTEM
(Name of Facility)

This permit hereby authorizes the applicant:

Right Liquor Store and Lounge

(Last)

(First)

(Middle)

Box 312

(Street or P.O. Box)

Wright

(City)

Campbell

(County)

Wyoming 82732

(State)

to construct, install, or modify a septic sewage leach field

facility located in NW $\frac{1}{4}$ Section 26, T.44N., R.72W.

(Legal Description)

in the County of Campbell, in the State of

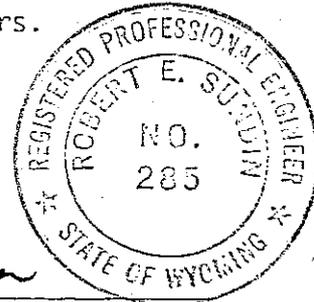
Wyoming. This permit shall be effective for a period of one (1) years

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

May 8, 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."

Reynolds & Associates
341 East "E" Street
Casper, WY 82601

7/20/80
6/18/80

PERMIT TO CONSTRUCT

New

Permit No. 80-202

Renewal

Modified

EXXON HIGHLAND URANIUM
RUNOFF CATCHMENT POND and SX POND
(Name of Facility)

This permit hereby authorizes the applicant:

Exxon Minerals Co.
(Last) (First) (Middle)

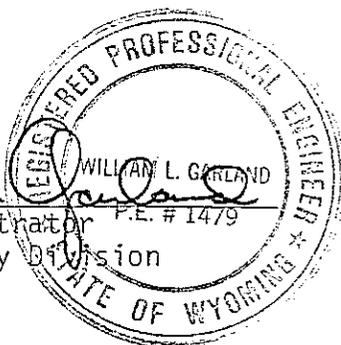
P.O. Box 3020
(Street or P.O. Box)

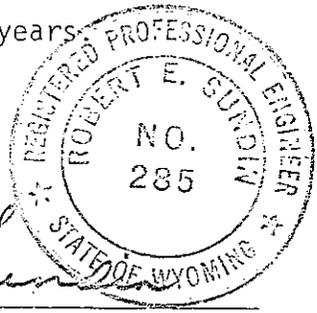
Casper, Wyoming 82602
(City) (County) (State)

to construct, install, or modify a runoff control, extracted solvent, and pump house
facility located in Sections 20 and 29, 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


June 18, 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."

Mto
5-9-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-203R

Jeffrey City - Thompson Addition Water and Sewer System
(Name of Facility)

This permit hereby authorizes the applicant:

Thompson (Last) Hub (First) (Middle)

P.O. Box 9
(Street or P.O. Box)

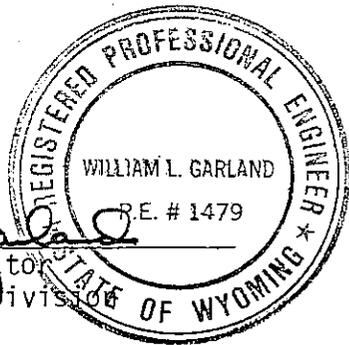
Jeffrey City (City) Wyoming (County) 82310 (State)

to construct, install, or modify a Water and Sewer Extensions
facility located in Sec. 10, T. 29N, R. 92W
(Legal Description)

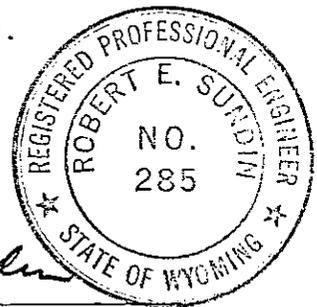
in the County of Fremont, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sunden
Director
Wyoming Dept. of Environmental Quality



May 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."

0405
909

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-204

Old Faithful, Phase I Domestic Water System
(Name of Facility)

This permit hereby authorizes the applicant:

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

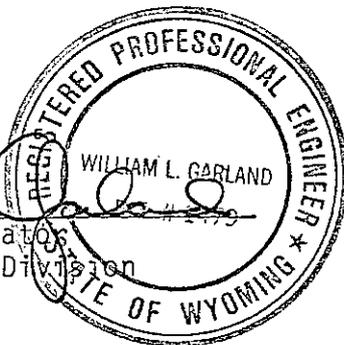
(Street or P.O. Box)

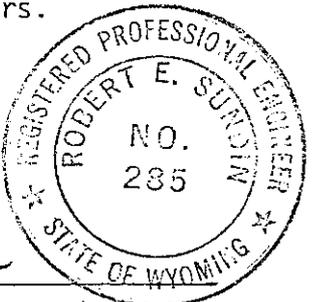
Yellowstone National Park, Wyoming 82190
(City) (County) (State)

to construct, install, or modify & 1.6 million gallon reservoir, control and distribution
system improvements and diversion intake system
facility located in 110° 50'W 44° 28'N
(Legal Description)

in the County of Teton, 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
Administrators
Water Quality Division


Robert E. Surdin
Director
Wyoming Dept. of Environmental Quality


May 20, 1980
Date of Issuance

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

New

Permit No. 80-205RR

Renwat

Modified

RANCHESTER WATER TREATMENT PLANT MODIFICATIONS
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Rancheater
(Last)

(First)

(Middle)

P.O. Box 236

(Street or P.O. Box)

Rancheater
(City)

Sheridan
(County)

Wyoming 82839
(State)

to construct, install, or modify a water treatment plant

facility located in the Town of Rancheater
(Legal Description)

in the County of Sheridan, in the State of

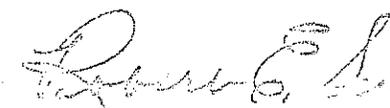
Wyoming. This permit shall be effective for a period of two (2) years

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

AUTHORIZED BY:



Administrator
Water Quality Division



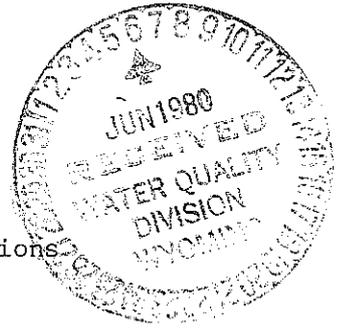
Director
Wyoming Dept. of Environmental Quality

August 4, 1980
Date of Issuance

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

REVIEW OF PLANS AND SPECIFICATIONS

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



PROJECT: Ranchester Water Treatment Plant Modifications

ARCHITECT OR ENGINEER: Centennial Engineering and Research
237 North Main
Sheridan, Wyoming 82801

WATER QUALITY DIVISION REFERENCE NUMBER: 80-205R

REVIEWING ENGINEER: Tom Mueller *TJM*

DATE OF REVIEW: June 3, 1980

ACTION: Not Authorized for Construction. See Comments.

COMMENTS:

1. Intake Structure

- a. The slide valve should be specified.
- b. The drawings do not indicate how access to the slide valve is possible.

2. Section 9.05

Is the coating specified approved for use in contact with potable water?

3. Ozone Contact Tank

- a. Is the fiberglass recycle cover capable of withstanding the impact of 1500 gpm falling from a height of 10 feet which will occur on startup?
- b. PVC usually undergoes severe embrittlement in the presence of ozone. The bottom diffuser supports should probably be fabricated of different material.
- c. An additional gate valve is recommended for the ozone recycle line, in order to facilitate repairs to the solenoid valve.

4. Chlorination System

- a. A gas mask suitable for short-term protection in chlorine atmospheres should be mounted outside the chlorine room.
- b. The chlorine room lights and ventilator must be operable from outside the room.
- c. Sheet 10 — The heater called out in the specifications should be shown, and Section A-A should show the exhaust duct down to floor level.

June 3, 1980

Page two

5. Are the existing roof joists capable of supporting the new raw water line?
6. Was bypass capability around the ozonation tank considered? It appears that subjecting the ceramic diffusers to long periods of shutdown in the presence of raw water may lead to significant clogging difficulties.
7. Section 14.01 — It appears that the clarifier sludge recycle pump should also be operated in tandem with the raw water pumps.
8. Section 15.09 — This is in direct conflict with Section 14.01 with respect to control of the backwash recycle pump.
9. This division will not require the use of AWWA C-900 pipe for the 12-inch pipe to the backwash retention ponds.
10. If bored road crossings will be made, the casing pipe and carrier pipe supports should be specified.
11. The water supply to the filter surface wash equipment must be protected by an approved backflow preventer of the anti-back siphonage type.

Conditions Attached to Permit to Construct
for
Scott Nickerson Barren and Pregnant
Solution Ponds and Gravel Wash Pond

Permit No. 80-206R

1. Prior to construction of the Barren and Pregnant Solution Ponds, subsurface investigations of the pond sites shall be made. The purpose of the investigations shall be to demonstrate the existence of sound bedrock a short distance beneath the proposed ponds, and the absence of saturated groundwater zones above said bedrock. The results of such investigations, along with detailed drawings of the leak detection systems described in the application, shall be approved by the Water Quality Division prior to construction of the ponds.
2. The leak detection system shall be checked as indicated in the application. Records of all checking, sampling, analysis, etc. associated with operation of the leak detection system shall be maintained at the processing site and shall be made available upon request to members of the Department of Environmental Quality staff. In the event that liquid is found in the leak detection system, a sample shall be immediately obtained and analyzed for the following constituents:
 - pH
 - Sodium
 - Cyanide
 - Total Dissolved Solids
3. Cyanide leaching solution shall not remain in the ponds during the winter months. It shall be disposed of at the end of each operating season as indicated in the application.

The pressure of liquid in the system shall be immediately reported to the Department of Environmental Quality, and results of the required analysis shall be reported as soon as possible.

5-27-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-211R

PRONGHORN MINE PLANT FACILITIES RESERVOIR

(Name of Facility)

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

Consolidation Coal Company

#2 Iverness Drive East

Denver, Colorado 80112

to construct, install, or modify a runoff/sediment control pond

_____ facility according to the procedures and conditions of the application No. 80-211R. The facility is located in Section 2, T.47N., R.71W.

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

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

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

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

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

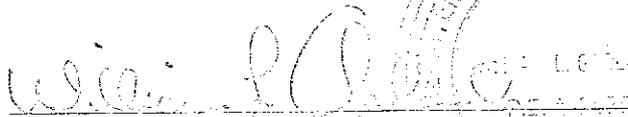
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

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

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

AUTHORIZED BY:



Administrator

Water Quality Division



Director

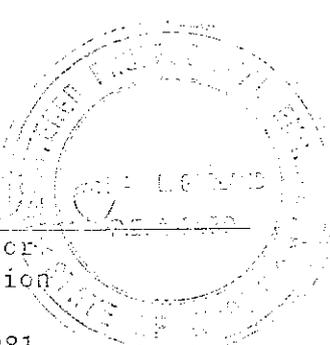
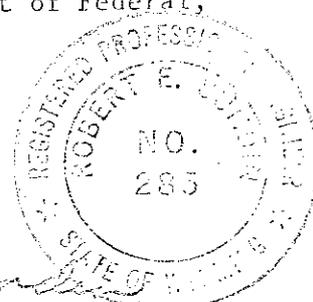
Dept. of Environmental Quality

May 21, 1981

Date of Issuance

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

xc: Paul A. Rechard
P.O. Box 4128
Laramie, WY 82071



5-27-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-212R

PRONGHORN MINE SCORIA PIT SEDIMENT RESERVOIR
 (Name of Facility)

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

Consolidation Coal Company
#2 Iverness Drive East
Denver, Colorado 80112

to construct, install, or modify a runoff/sediment control pond

facility according to the procedures and conditions of the
 application No. 80-212R. The facility is located in Section 2, T.47N., R.71W.

in the County of Campbell,

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

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

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

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

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

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

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

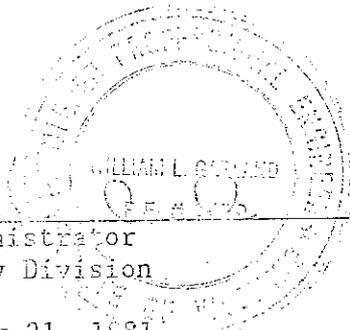
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

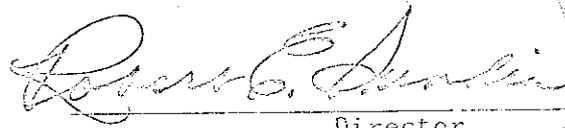
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

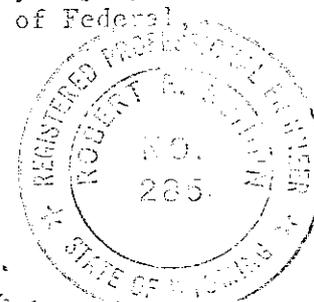


William L. Garwood
Administrator
Water Quality Division





Robert B. Austin
Director
Dept. of Environmental Quality



May 21, 1981

Date of Issuance

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

xc: Paul A. Rechard
P.O. Box 4128
Laramie, WY 82071

7/14/80
30
50

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-213RR

WYO-BEN Truck Shop Sump Disposal System
(Name of Facility)

This permit hereby authorizes the applicant:

WYO-BEN, Inc. - Richard K. Brown
(Last) (First) (Middle)

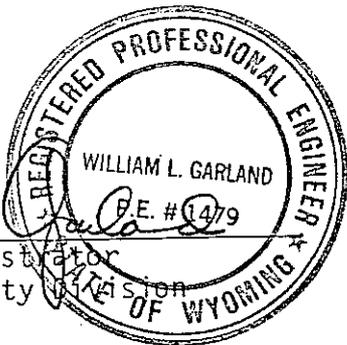
P. O. Box 1979
(Street or P.O. Box)

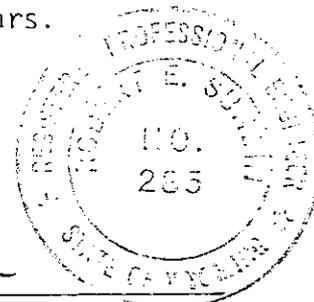
Billings, Montana 59103
(City) (County) (State)

to construct, install, or modify a truck shop sump subsurface disposal
facility located in SW¹/₄ Section 32, T. 44N., R. 94W.
(Legal Description)

in the County of Hot Springs, 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. Sardin
Director
Wyoming Dept. of Environmental Quality


May 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: WYO-BEN Truck Shop Sump

ENGINEER: Kent D. Brewer, P.E.
2020 Grand Avenue
Billings, Montana 59102

OWNER: WYO-BEN, Inc. Attention: Richard K. Brown
P.O. Box 1979
Billings, Montana 59103

WATER QUALITY DIVISION REFERENCE NUMBER: 80-213

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

A handwritten signature in cursive script, appearing to read "M. Robin Collins", with a horizontal line extending to the right.

DATE OF REVIEW: May 5, 1980

ACTION: NOT AUTHORIZED.

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

1. Further information on the projected wastewater flows from this facility needs to be submitted. Also, percolation tests for the proposed disposal area should be given.
2. Recommend the vent for the dry well terminate in an inverted U construction with the opening at least 12-inches above the ground surface.
3. Recommend any overland-runoff flow be diverted around the disposal site.

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

MRC/kn

MtoJ
5-9-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-214

Lower Bench Water Line - Lyman

(Name of Facility)

This permit hereby authorizes the applicant:

Bridger Valley Joint Powers Board - Agent: John Proffit, P.E.

(Last) (First) (Middle)

P.O. Box 328

(Street or P.O. Box)

Lyman

Wyoming

82937

(City)

(County)

(State)

to construct, install, or modify a Water Line Extension

~~facility~~ located in Sec. 29, T. 16N, R. 114W

(Legal Description)

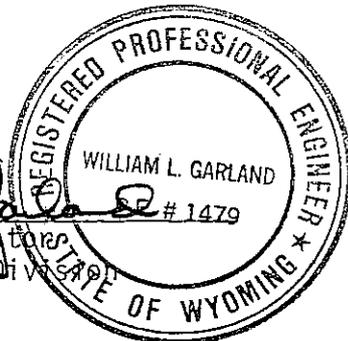
in the County of Uinta, in the State of

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.

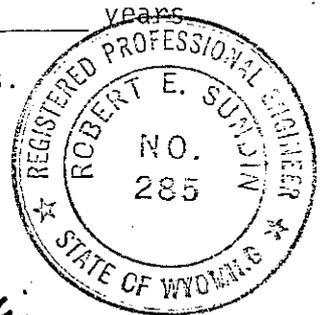
AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sardin

Director
Wyoming Dept. of Environmental Quality



May 6, 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: Ralph W. Goodson
Bearlodge Engineering
Box 130
Sundance, WY 82729

Notes
5/22/80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-215

TOWN OF MOORCROFT CO₂ TANK

(Name of Facility)

This permit hereby authorizes the applicant:

Town of Moorcroft

(Last)

(First)

(Middle)

P.O. Box 96

(Street or P.O. Box)

Moorcroft

(City)

Crook

(County)

Wyoming 82721

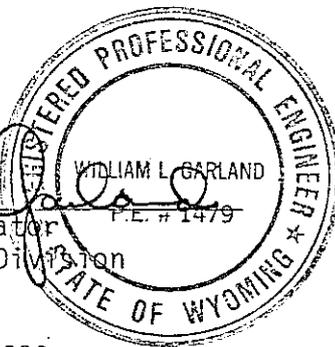
(State)

to construct, install, or modify a public water supply degassification tank
facility located in Section 36, T.50N., R.68W.
(Legal Description)

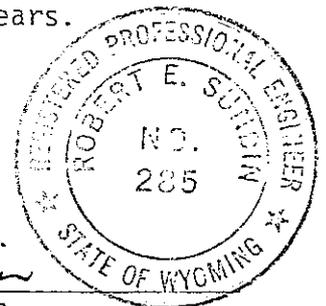
in the County of Crook, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



May 22, 1980
Date of Issuance

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

cc: Gary Brown
Wyoming Highway Department
P.O. Box 1708
Cheyenne, WY 82001

3-17-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-216

Wyoming Air National Guard Jet Fuel Separator Pond
(Name of Facility)

This permit hereby authorizes the applicant:

Wyoming Air National Guard

(Last) (First) (Middle)

P.O. Box 2268
Municipal Airport

(Street or P.O. Box)

Cheyenne,

WY 82001

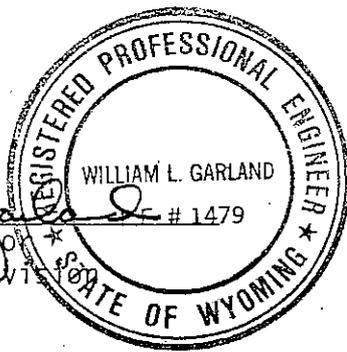
(City) (County) (State)

to construct, install, or modify a wastewater collection/evaporative pond
facility located in Sec. 19, T14N, R66W
(Legal Description)

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

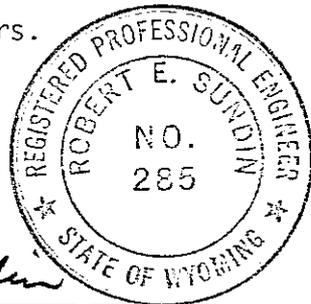
AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin

Director
Wyoming Dept. of Environmental Quality



May 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."

cc: Jim Coralli
Banner Associates, Inc.
P. O. Box 550
Laramie, WY 82070

Reviewed by
M 7-34-80

PERMIT TO CONSTRUCT

New

Permit No. 80-217RR

Renewal

Ref. No. 79-319RR

EPA C560111940

Modified

Rock River Wastewater Treatment Facility
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Rock River
(Last)

(First)

(Middle)

P. O. Box 280

(Street or P.O. Box)

Rock River
(City)

Albany
(County)

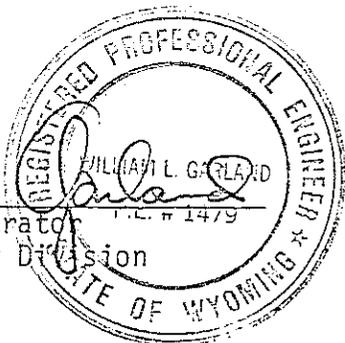
Wyoming 82083
(State)

to construct, install, or modify a municipal wastewater stabilization pond treatment
facility located in Section 32, T 21N, R 76W
(Legal Description)

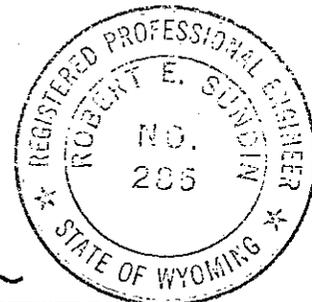
in the County of Albany, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



July 24, 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."

17
6-9-80

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
~~State Office Building~~ 401 West 19th St.
Equality State Bank Bldg.
Cheyenne, Wyoming 82002

PROJECT: Rock River Wastewater Treatment Facility, Albany Co.

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

WATER QUALITY DIVISION REFERENCE NUMBER: 80-217 (Ref. No. 79-319RR) EPA C560111940

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

DATE OF REVIEW: June 9, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The construction plans/specifications must carry the signature or seal of a registered professional engineer licensed in Wyoming.
2. Provide design data for lagoon system. Must include, at least, design population, volume per person, cell sizes, detention times, organic loading rates, wastewater influent parameters (BOD, TSS, T, pH, etc.). This information should be presented in tabular form on a plan sheet.
3. Is the proposed lagoon site within a flood plain?
4. How will the lagoon cells be constructed with a relatively high groundwater table? How will soil compacting be accomplished if groundwater exists? A minimum separation of four feet between the bottom of the pond and the maximum groundwater elevation should be maintained.
5. Are there any proposed industrial wastes to be considered in the design?
6. Recommend moving Cell 1 influent pipe in another 150 feet to help prevent short-circuiting of the wastewater into Cell 2.
7. Extend Cell 2 influent line another 350 feet to prevent short-circuiting. Add a dissipation structure to Cell 2.
8. Specifications should indicate that soil under bentonite liners will be sterilized and rested for 5 days prior to sealing lagoon bottoms. All three cells should be considered for bentonite liners, depending upon groundwater depth/quality in the area. The bentonite should be compacted to 90% Standard Proctor Density. Specify thickness of bentonite liner. Plans state 8-12 inches.

Rock River Wastewater Treatment Facility

DEQ/WQD Ref. No. 80-217

June 9, 1980

Page two

9. Groundwater monitoring systems may be required depending upon depth and quality. Provide analysis of groundwater under the proposed location. Questions on groundwater should be directed to Tony Mancini of our staff.
10. Will control of surface runoff be required for this facility?
11. For ponds that are designed deep enough to permit stratification of pond contents, multiple takeoffs are recommended. A minimum of 3 withdrawal pipes are required at different elevations. All ponds shall have a pond drain to allow complete emptying, either by gravity or pumping, for maintenance.
12. What deflection testing for flexible pipe will be accomplished and what is the maximum allowable deflection?
13. The lamping phrase on page 2C-3 of specifications should be expanded by adding: "The source should be observed at the other end as nearly a full circle of light. The ability to see only segments, ovals, or reflections indicates serious misalignment or collapse of the sewer."
14. Signs on perimeter fence should contain the following language (page 26-1):

WARNING
WASTEWATER TREATMENT LAGOON
KEEP OUT

15. The top width of the lagoon dike should be specified as eight feet to allow vehicle access. A minimum freeboard of three feet must be maintained.

Lift Station

1. Where are the pumps located and how will they work? A screening basket is indicated over the 12 inch sewer stub out. Why not locate the screening device near the pumps?
2. Each pump must have its own intake. Provide detail of pumping station.
3. Alarm in lift station shall be telemetered to a municipal facility that is manned 24 hours/day or to a home of a responsible person who can respond to the lagoons and correct any high water problem.

cc: Mike Hackett

GORDON W. SYKES, INC

GENERAL CONTRACTOR
BOX 800

BASIN, WYOMING 82410

January 30, 1981



80-218RR

Mr. Robin Collins
Dept. Environmental Quality
Water Quality Division
Lander, Wy 82520

Dear Mr. Collins:

As you are aware, the South Big Horn County Hospital is going to be unable to complete the rehabilitation of their Sewage Lagoon System according to the previously published schedule. The Hospital board has authorized us to clean the upper cell and repair the manhole to insure the optimum operating efficiency for the system as is.

Our plan is to complete a set of plans and specifications for your approval such that when monies become available, construction may begin.

The following would be done under contract:

1. Grade a road down the hill, using excess dirt on pond dikes, which would be located just north of the present lower cell.
2. Design ponds to be partially excavated with dragline if possible to minimize borrow material.
3. Install line from existing pond to new pond in the road down the hill.
4. Install manholes as required.

This is simply a modification of the initial plan as to the location of the pipeline, with only one cell below the hill instead of two.

Respectfully submitted,
GORDON W. SYKES, INC.

Jerry D. Miller
Jerry D. Miller
Engineer-Estimator

*Norma, plans returned to engineer 3/27/81.
per M.R.C.*

GORDON W. SYKES, INC

GENERAL CONTRACTOR
BOX 800

BASIN, WYOMING 82410

January 30, 1981



80-218RR

Mr. Robin Collins
Dept. Environmental Quality
Water Quality Division
Lander, Wy 82520

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Respectfully submitted,
GORDON W. SYKES, INC.

Jerry D. Miller
Jerry D. Miller
Engineer-Estimator

Chayenne

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

CERTIFIED MAIL

PROJECT: Lake Viva Naughton Marina Sewage Treatment

ENGINEER: Rosendahl & Associates
1360 N. Main
Sheridan, WY 82801
ATTN: Wayne Rosendahl

OWNER: Larry Cook
Box 189
Kemmerer, WY 83101

WATER QUALITY DIVISION REFERENCE NUMBER: 80-219RRRR

REVIEWING ~~ENGINEER~~ EVALUATOR: Francis LaBarge

DATE OF REVIEW: June 11, 1981

ACTION: Not authorized.

COMMENTS:

A review of your resubmittal has been completed. Several points in my April 8, 1981 review letter were not addressed. Below is a summary of my findings, point-by-point.

- 1) Construction specs are needed for the installation of the package plant.
- 2) Resolved.
- 3) Existing and proposed sewer pipe specifications are not shown on the plans, as requested.
- 4) The four-inch line serving the 12 cabins needs to be replaced with a six-inch line if no units can be added to the line. If additional units can or will be added, an eight-inch line will be required.
- 5) Resolved.
- 6) The force main calculations show a discharge velocity of 1.26 ft./sec. A minimum velocity of 2 fps. is required.
- 7) What is the step spacing for the manhole steps? A drop of 0.1 inch should be provided through manholes in which a change of direction occurs.

... /2

A, B, C

- 8) Resolved (in specifications).
- 9) Resolved.
- 10) Resolved.
- 11) Resolved.
- 12) Please provide more information on how the alarm system works. It must comply with Ten States Standards.
- 13) Complete details are needed of the overflow tank. Construction and installation specs are needed for this tank, also.
- 14) Resolved.
- 15) The Ten States Standards referenced as design criteria is the 1973 edition, which is no longer current. The 1978 edition is now being used. The letter from Case/Cotter, Inc. references an attached calculation sheet, but it was not included. Please supply these calculations.
- 16) Will a qualified operator be retained for this plant?
- 17) I have not received any letters from either the Kenmerer Sewage Treatment Plant or the County allowing disposal of the sludge. Will the sludge be stabilized by the time it is disposed?
- 18) Resolved.
- 19) See #6.
- 20) Resolved.
- 21) Resolved.
- 22) See #15.
- 23) Resolved.
- 24) Resolved.
- 25) Resolved.
- 26) A flow measuring device is needed on the effluent line.
- 27) The recreational trailer facilities, as modified from the original permit #72-100, must be approved by this office. Submit the necessary information.

Review of Plans and Specifications - Lake Viva Naughton Marina Sewage Treatment
Date of Review - June 11, 1981
Page Three

- 28) We have no record of issuing a permit for the water system. Submit the necessary "as built" plans and information.

Please submit the required information and revised drawings, in triplicate, to this office. This does not necessarily constitute the final review. A reply is requested within thirty (30) days of your receipt of this letter.

FL:nb

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

Cheyenne

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

CERTIFIED MAIL

PHONE: (307) 332-3144

PROJECT: LAKE VIVA NAUGHTON MARINA

ENGINEER: Rosendahl & Associates
1360 N. Main
Sheridan, WY 82801
ATTN: Wayne Rosendahl

OWNER: Larry Cook
Box 189
Kemmerer, WY 83101

WATER QUALITY DIVISION REFERENCE NUMBER: 80-219RRRRRR

REVIEWING ~~ENGINEER~~ EVALUATOR: Frank LaBarge

DATE OF REVIEW: October 28, 1981

ACTION: Not authorized.

COMMENTS: A review of your October 6, 1981 reply to my August 14, 1981 letter has been completed. Following are my findings:

Sewage System

1. Sheet 2 of 4 calls for sewer line to be Schedule 40 PVC, while Sheet 3 of 4 calls for sewer main line to be SDR 35 PVC pipe or equal. Please clarify. Note that the specs call for ASTM D-3034 SDR 35 sewer pipe.
2. It is preferred that 45° wyes be used to make the service line connections. Banded saddles will be approved if there is not a high ground H₂O table. Glued saddles will not be approved under any circumstances.
3. The specifications should call for manhole exteriors to be water-proofed.
4. The specifications should call for the deflection testing to be conducted after the final backfill has been in place at least thirty days.

.../2

A, B, C

Water System

The following comments are made in regard to the "as built" information provided.

1. The calculations indicate a demand of 60 gpm, but the source is capable of supplying only 40 gpm. However, with a 5,000 gallon storage tank there are about four hours of available water on hand, assuming the well is pumping 40 gpm. Because this is a privately owned facility, it appears this situation is satisfactory.
2. Please show the extent of the well casing surface seal on the plans.
3. A pump curve is needed for the 1 HP submersible pump.
4. The water analysis didn't include the Primary Drinking Water Standards. Please have these parameters analyzed and submit the results to this office.
5. What is the thickness of the well casing? Please show this on the plans.
6. Is the pump pit subject to flooding from either surface or ground water?
7. A detail is needed of the top casing seal to verify the well is effectively sealed.
8. Is the casing vented? A detail is needed.
9. Is the water source on a monthly bacteriological testing program? If not, arrangements should be made to have this done.
10. As a result of my inspection, it appears the structure over the well will have to be upgraded. Please supply details of this, including insulation, heat, ventilation, lighting, ladder, etc.
11. Complete details are needed of the storage tanks. This includes tank material, interior coating, piping connections, drains, overflows, silt stops, access, surrounding ground grade, how tank is protected from trespassers and freezing, vents, how tank was disinfected, etc.
12. The water line from the well to the storage tank will have to be increased in size from two inches to three inches and from the well

Review of Plans and Specifications
Lake Viva Naughton Marina, DEQ #80-219RRRRRR
Date of Review - October 28, 1981
Page 3

to the cabins from 1½ inches to 2½ inches. Please provide water line profiles and make sure to show all sewer line crossings.

13. A flushing device will be needed at the end of the water line serving the cabins. It should be included in the specifications and shown on the plans.
14. Typical service line details are needed, as well as material specifications.
15. Complete water main material and installation specifications are needed.
16. Details are needed of the level control system between the pump and storage tank. Specifications, as well as level settings, are needed.
17. Is standby power available?
18. Details are needed of the yard hydrants.
19. All valves need to be shown. It should be possible to isolate the storage tank.

General Comments

Please fill out the enclosed "Application for Permit to Construct" for both water and sewage systems. Be sure to include your NPDES Discharge Permit Number.

The plans need to be signed by the engineer.

Please submit the required information and revised drawings, in triplicate, to this office within thirty (30) days of your receipt of this letter. This does not necessarily constitute the final review. If you have any questions, please call me.

FL:nb
Enclosure

Copy: Cheyenne DEQ/WQD

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 Lincoln
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Lake Viva Naughton Marina Sewage Treatment

ENGINEER: Rosendahl & Associates
1360 N. Main
Sheridan, WY 82801
ATT: Wayne Rosendahl

OWNER: Larry Cook
Box 189
Kemmerer, WY 83101

WATER QUALITY DIVISION REFERENCE NUMBER: 80-219RRRRR

REVIEWING ~~ENGINEER~~ EVALUATOR: Frank LaBarge



DATE OF REVIEW: August 14, 1981

ACTION: Not authorized.

COMMENTS:

A review of your July 20, 1981 reply to my June 11, 1981 review letter has been completed. I have addressed my comments in the order of your reply.

1. resolved.
3. As of this date, I have not received the revised plans or specifications.
4. A 6 inch line is required if no units can be added to the line. If additional units can or will be added an 8 inch line will be required.
6. If a force main velocity of 2 ft./sec. cannot be met, larger pumps will be needed.
7. The sewer line profiles should show the invert in and invert out elevations as well as the rim elevation of each manhole.
12. Please note on the plans that an alarm system is to be included.
13. An overflow tank, which drains by gravity back to the wet well, or an emergency generator is required. If an overflow tank is used, details are needed as well as line profiles and tank elevations.

A, B, C

15. The plant appears to be adequate for a flow of up to 10,000 gpd. If it is intended to add a dumping station to this unit, you need to show how much additional flow will be going to the plant. If the total flow is over 10,000 gpd, this plant appears to be inadequate.
16. resolved.
17. Details (i.e. a plan view and a cross-sectional view) are needed of the sludge drying bed. What type of bottom will the bed have? Construction specs are needed.
19. resolved.
22. See #15
26. resolved.
27. The existing recreational trailer facilities do not comply with current state standards. As I discussed with Mr. Rosendahl on August 14, 1981, the holding tank needs to be replaced by a dumping station. It may be possible to design the dumping station such that there will be gravity flow into the lift station. If this is the system you elect to go with, details will be needed of dumping station, line profile and construction specs. Also refer to No. 15.

The water system serving the trailer site also needs to be included on these plans.

28. "As built" plans are needed of the water system to determine compliance with state standards. In addition, the following is needed:
 - a copy of physical, chemical and bacteriological tests run on the well
 - well log
 - well yield and drawdown test results
 - "as built" of the well
 - pump spec and curve
 - maximum and minimum static and dynamic pressures in the water distribution system
 - all additional applicable items requested in the Ten State Standards

Please submit the required information and revised drawings, in triplicate, to this office. This does not necessarily constitute the final review. A reply is requested within thirty (30) days of your receipt of this letter.

FL/ch
9/4/81

xc: Cheyenne DEQ/WQD
File (4)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

CERTIFIED MAIL

PROJECT: Lake Viva Naughton Marina Sewage Treatment

ENGINEER: Rosendahl & Associates
1360 N. Main
Sheridan, WY 82801
Attn: Wayne Rosendahl

OWNER: Larry Cook
Box 189
Kemmerer, WY 83101

WATER QUALITY DIVISION REFERENCE NUMBER: 80-219RR

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

DATE OF REVIEW: April 8, 1981

ACTION: Not authorized.

COMMENTS:

The following points need to be resolved before the plans can be approved.

- 1) Complete construction specifications are required.
- 2) Manhole rim elevations should be shown on the plans.
- 3) Sewer pipe specifications should be included on the plans.
- 4) The minimum acceptable sewer line size is eight inches.
- 5) Service lines should be shown on the plans. What type of connection to the sewer main is used? Provide details.
- 6) Complete design calculations are needed for the force main. A design average flow velocity of 2 fps is required.
- 7) Flow channel details are needed for the manholes.
- 8) The steps in the wet well should be rubber or vinyl coated.
- 9) Electrical system and components in raw sewage wet wells shall comply with the National Electric Code requirements for Class 1, Group D, Division 1 locations. Each flexible cable should be provided with a watertight seal and separate strain relief. A fused disconnect switch, located above ground, is required.

- 10) The wet well floor should be sloped to the pumps.
- 11) Ventilation is needed in the wet well.
- 12) An alarm system is needed for the wet well.
- 13) A method of preventing wet well overflows is required.
- 14) An O & M is needed for the package plant.
- 15) Complete design calculations are needed verifying this plant complies with Ten-State Standards. Any information the manufacturer has would be helpful, also.
- 16) It is suggested a qualified operator be retained for this plant.
- 17) When sludge is wasted, where will it be disposed of? The disposal site must be approved by DEQ. Only stabilized sludge may be disposed of.
- 18) Where will the bar screenings be disposed of, and how?
- 19) What will be the influent velocity from the force main into the plant be? Will it upset the operation of the plant?
- 20) Chlorinator details are needed.
- 21) A discharge permit will be required. Contact John Wagner, in Cheyenne (phone number 777-7082), for the necessary application forms. Provide copies of any correspondence to this office.
- 22) The effluent must meet the limits that will be set in the discharge permit. It is possible the polishing ponds will not be required. Once you know the discharge limits, this can be determined. If you intend to include the ponds, all applicable information requested in Guidelines for Wastewater Pond Construction Permit Applications (copy enclosed) must be furnished.
- 23) All piping connected with the polishing ponds must be shown in profile.
- 24) All transfer structures between the ponds should be included and conform to Ten State Standards.
- 25) Outfall details are required.
- 26) A flow measuring device is needed on the effluent line.
- 27) Where is the sewage from the camper trailers, that are not included in this system, being disposed of? This must be addressed and resolved to the satisfaction of DEQ.

Review of Plans and Specifications
Lake Viva Naughton Marina Sewage Treatment
Date of Review - April 8, 1981
Page Three

- 28) Has the water system been approved by DEQ? If so, what is the permit number? If not, it will have to be; therefore, submit the necessary design calculations, specifications, plans, etc.

Please submit the required information and revised drawings, in triplicate, to this office. This does not necessarily constitute the final review. If you have any questions, please call me. Because of the status of this project, a reply is requested within thirty (30) days of your receipt of this review.

In response to your question on the use of cleanouts, our position is that manholes must be used. Assuming a timely response and approval of the plans, an on-site inspection will be made to determine compliance with the approved plans. If the process of approving the plans gets too drawn out, a Notice of Violation may be issued following an on-site inspection.

FL:nb
Enclosure

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 19, 1981

CERTIFIED MAIL

Mr. Lawrence L. Cook
Box 443
Kemmerer, Wyoming 83101

Re: Lake Viva Naughton Marina
DEQ #80-219

Dear Mr. Cook:

I am in receipt of your January 13, 1981 letter. One point needs to be clarified. It is my understanding that Mr. Charles Albrect is not a registered engineer in this state. If this is the case, he is not qualified to submit your plans. The plans must be signed by an engineer registered in the State of Wyoming.

Sincerely,

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

Francis LaBarge
Water Quality Engineer
Southwest District

FL:nb

cc: Cheyenne DEQ/WQD
Ann DeHoff

10-1-78

PERMIT TO CONSTRUCT

New

Permit No. 80-220

Renewal

Modified

Hillcrest Supper Club

(Name of Facility)

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

Kostas G. Jivelekas

700 Holly Avenue

Worland, WY 82401

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

facility according to the procedures and conditions of the application

No. 80-220. The facility is located in Section 18,

T47N, R92W

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

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

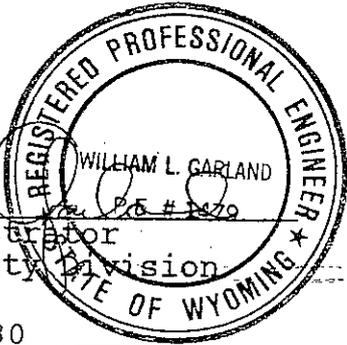
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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

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

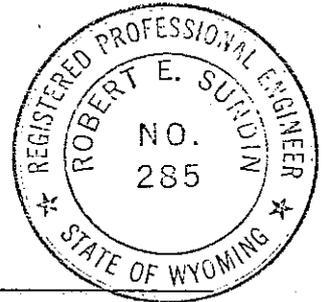
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



William L. Garland
Administrator
Water Quality Division

Robert E. Sundin
Director
Dept. of Environmental Quality



October 10, 1980
Date of Issuance

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

11-40-80
3-9-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-220

Hillcrest Supper Club
(Name of Facility)

This permit hereby authorizes the applicant:

Jivelekas Kostas G.
(Last) (First) (Middle)

700 Holly Avenue
(Street or P.O. Box)

Worland Wyoming 82401
(City) (County) (State)

to construct, install, or modify a Septic Tank/Leach Bed
facility located in Sec. 17, T. 47N, R. 92W
(Legal Description)

in the County of Washakie, 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
 REGISTERED PROFESSIONAL ENGINEER
 WILLIAM L. GARLAND
 # 1479
 STATE OF WYOMING

Robert E. Surden
 Director
 Wyoming Dept. of Environmental Quality
 REGISTERED PROFESSIONAL ENGINEER
 ROBERT E. SURDEN
 NO. 285
 STATE OF WYOMING

May 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."

John B. Wesnitzer
R.G Stuckert & Assoc.
55 Western Ave.
Buffalo, WY 82834

6-25-80

PERMIT TO CONSTRUCT

New

Permit No. 80-221

Renewal

Modified

SLAYBAUGH TRAILER COURT
(Name of Facility)

This permit hereby authorizes the applicant:

Slaybaugh Dora
(Last) (First) (Middle)

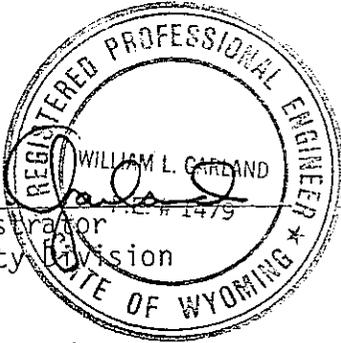
P.O. Box 515
(Street or P.O. Box)

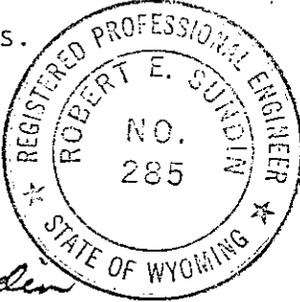
Buffalo Johnson Wyoming 82834
(City) (County) (State)

to construct, install, or modify a subsurface disposal
facility located in Section 14, T.50N., R.82W.
(Legal Description)

in the County of Johnson, 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


June 18, 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."

Conditions Attached to
Permit to Construct No. 80-221

Slaybaugh Trailer Court

- (1) Our calculation indicates majority of the wastewater is to be disposed of by percolation (over 95% of daily flow) rather than by evaporation, although the plan calls for a combined system, due to the limited size of the disposal bed involved. However, in order to enhance the evapotranspiration rate, the bed should be planted with trees (evergreens recommended), shrubs, and/or prairie grass. Fescue, brome and other similar grasses are acceptable but not a lawn type grass which can have a tendency to seal the surface with a dense root system.

- (2) All parallel lines laid in the disposal bed must be tied together at the ends.

THE STATE



OF WYOMING

Norma

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

30 EAST GRINNELL

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6488

June 6, 1980

Mr. Roy M. Wineteer
P.O. Box 1044
Gillette, Wyoming 82716

RE: Wineteer Duplex Sewer Septic System
Reference No. 80-222



Dear Mr. Wineteer:

It is our understanding, from information supplied by the Campbell County Sanitarian's office, that you will not be pursuing the above referenced project and will not need a permit to construct from our Division. Therefore, we are returning the enclosed plans and specifications submitted to this office.

Sincerely,

Tom Mueller

Tom Mueller
District Supervisor

TM/lis

Enclosures

withdrawn application



Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-~~8047~~³¹⁴⁴

June 12, 1980

Mr. Glenn Goss, Mine Manager
Bridger Coal Company
P. O. Box 2068
Rock Springs, WY 82901

RE: Approval for irrigation of range land using cooling water -
Jim Bridger Power Plant

Dear Sir:

After reviewing the aforementioned application and after discussions with James A. Kandolin (NERCO), Land Quality and Water Quality Division staff, approval is given to irrigate range land with cooling water generated from the Jim Bridger Steam Electric Generating Station. A "Permit to Construct" will not be issued since this system is already in operation.

This approval is based on the following listed conditions:

1. That an appropriate area out of the proposed irrigation site will be set aside for experimental purposes in order to determine optimum dosage rates, application methods, etc.
2. That a chemical analysis of the cooling water will be made at least once each irrigation season. Such analysis should be sent to this office and should include all the heavy metals plus magnesium, calcium, sodium, pH, sulfates, chlorides, TDS and conductivity.
3. That a complete soil analysis on the affective irrigated area be performed at least once immediately after each irrigation season and forwarded to this office. Also, a soil analysis on the virgin irrigation land should be submitted to this office which will be used as baseline data.

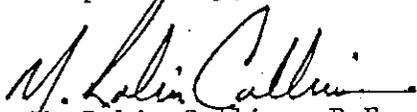
Mr. Glenn Goss, Mine Manager
Bridger Coal Company
June 12, 1980
PAGE 2

4. That the agreements reached during a meeting between James A. Kandolin, Don Hartley (NERCO), and Jake Strohman, DEQ/WQD, on June 4, 1980, and as outlined in Kandolin's letter to this office dated June 6, 1980, concerning Bridger Coal's sediment control plan and pit dewatering system will be honored.

If conditions develop which will prevent compliance with the above conditions, please contact this office so that a more suitable arrangement can be made.

If you have any questions concerning this letter, or if further information is required, please do not hesitate to contact us.

Respectfully,



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

MRC/dl

cc: James A. Kandolin, NERCO
Don Hartley, NERCO
Mark Moxley, Lander DEQ/LQD
Jake Strohman, Cheyenne DEQ/WQD

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

M
5-17-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-224

BJ-Hughes Sewerline, Rawlins, WY
(Name of Facility)

This permit hereby authorizes the applicant:

BJ-Hughes, Inc.
(Last) (First) (Middle)

1776 Lincoln St., Suite 414
(Street or P.O. Box)

Denver, CO 80203
(City) (County) (State)

to construct, install, or modify a municipal wastewater collection
facility located in Sec. 16, 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
 REGISTERED PROFESSIONAL ENGINEER
 WILLIAM L. GARLAND
 P.E. # 1473
 STATE OF WYOMING

Robert E. Surdin
 Director
 Wyoming Dept. of Environmental Quality
 REGISTERED PROFESSIONAL ENGINEER
 ROBERT E. SURDIN
 NO. 285
 STATE OF WYOMING

May 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."

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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



PROJECT: Royer McCulloch's Restaurant Wastewater Disposal System

ENGINEER: Harry N. Carlton, P.E.
P. O. Box 435
Evanston, WY 82930

OWNER: Royer McCulloch
Star Route Box 11
Lyman, WY 82937

WATER QUALITY DIVISION REFERENCE NUMBER: 80-225

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

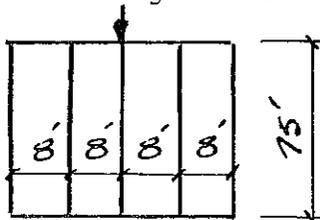
DATE OF REVIEW: May 19, 1980

ACTION: NOT AUTHORIZED.

COMMENTS:

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

1. Suggest you utilize an oil and grease trap between the kitchen and septic tank in order to minimize "pluggings" of the disposal system.
2. The size of the proposed disposal area is not adequate. Suggest a disposal area with the following dimensions be utilized:



3. If problems are anticipated from either the winter weather or the groundwater level, consideration should be given to utilizing an elevated leach field or an evapotranspiration bed.

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



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 23, 1981

Mr. Roger McCullock
Star Route, Box 11
Lyman, Wyoming 82937

RE: DEQ Application No. 80-225

Dear Mr. McCullock:

The septic tank and leach field disposal system for your restaurant were constructed in violation of Chapter III of the Wyoming Water Quality Rules and Regulations.

A Permit to Construct was not issued because there was no written response to the review letter dated May 19, 1980.

On January 21, 1981, this office received a written response from Jeffery Carlton, to the original review letter. Based on this letter and the original plans, it appears the wastewater disposal system does meet minimum design standards as defined by the State of Wyoming. A Permit to Construct cannot be issued because the facility has already been constructed.

Please be advised that before the construction of a wastewater disposal system can take place, a Permit to Construct must first be issued, as stated in Chapter III. If, in the future, you become involved in a similar construction, it will be expected that you obtain a Permit to Construct before any construction takes place.

This office considers this matter closed.

Sincerely,

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

Francis LaBarge
Water Quality Engineer
Southwest District

FL:nb

cc: Cheyenne DEQ/WQD, Ann DeHoff, Dennis Farley and Jeff Carlton

M to R
5-14-80

PERMIT TO CONSTRUCT

New

Permit No. 80-226

Renewal

Modified

Lovell's Water Booster Station
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Lovell - Agent: Gerald Gaston, P.E.
(Last) (First) (Middle)

336 Nevada Avenue
(Street or P.O. Box)

Lovell Wyoming 82431
(City) (County) (State)

to construct, install, or modify a Water Booster Pump and Fire Pump
facility located in Sec. 15, T. 56N, R. 96W
(Legal Description)

in the County of Big Horn, 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.

NOTE THE ATTACHED COMMENTS

AUTHORIZED BY:

William L. Garland
WILLIAM L. GARLAND
P.E. # 1479
Administrator
Water Quality Division
STATE OF WYOMING

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

May 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."

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

PROJECT: Lovell's Water Booster Station

ENGINEER: Sanderson/Stewart/Gaston Attention: Gerald Gaston, P.E.
1629 Avenue D, Suite 7A
Billings, Montana 59102

OWNER: Town of Lovell
336 Nevada Avenue
Lovell, WY 82431

WATER QUALITY DIVISION REFERENCE NUMBER: 80-226

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



DATE OF REVIEW: May 9, 1980

ACTION: ~~XXXX~~ AUTHORIZED.

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

The pumphouse floor elevation shall be located at least six-inches above
the finished grade (ground surface).

MRC/kn

M to 80
5-21-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-227

Sweetwater Plaza - Jeffrey City
(Name of Facility)

This permit hereby authorizes the applicant:

Jeffrey City Land Company - Agent: Jeff Hermansky
(Last) (First) (Middle)

431 Main Street
(Street or P.O. Box)

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

to construct, install, or modify a Water and Sewer Line Extensions

~~xxxxxx~~ located in Sec. 10, T. 29N, R. 92W
(Legal Description)

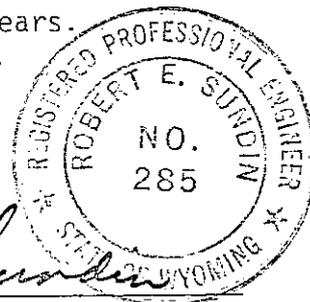
in the County of Fremont, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



May 16, 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: Gray C. Wangelin
Engineering Inspection Testing Service
P.O. Box 4075
Casper, WY 82604

11
5-21-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-228

Texas Iron Works, Inc.
(Name of Facility)

This permit hereby authorizes the applicant:

Green, Charles
 (Last) (First) (Middle)
Texas Iron Works, Inc.
6161 West Yellowstone
 (Street or P.O. Box)

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

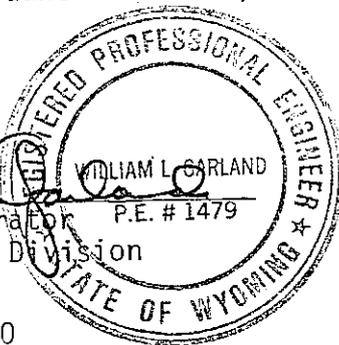
to construct, install, or modify a small subsurface wastewater disposal
 facility located in Lot 16, Coleman Industrial Center, Sec. 32, T34N, R79W
 (Legal Description)

in the County of Natrona, in the State of
 Wyoming. This permit shall be effective for a period of two (2) years

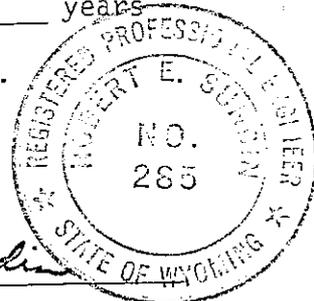
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

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



Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality



May 27, 1980
 Date of Issuance

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

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

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-229

RAWHIDE RED FOX RESERVOIR
(Name of Facility)

This permit hereby authorizes the applicant:

The Carter Mining Company
(Last) (First) (Middle)

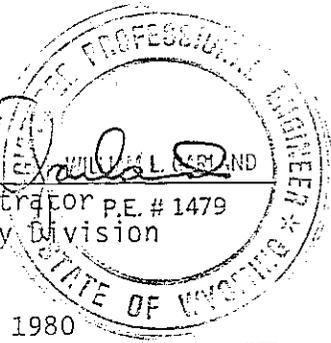
P.O. Box 3007
(Street or P.O. Box)

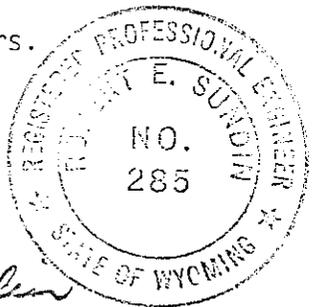
Gillette Campbell Wyoming 82716
(City) (County) (State)

to construct, install, or modify a runoff control pond
facility located in Section 3, T.51N., R.72W.
(Legal Description)

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

AUTHORIZED BY:


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


Robert E. Sunden
 Director
 Wyoming Dept. of Environmental Quality

June 23, 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."

77408
6-11-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-230R

AMF Tuboscope Sewage Disposal System
(Name of Facility)

This permit hereby authorizes the applicant:

Arnold Bartels, AMF Tuboscope, Inc. - Dale Peterson, P.E.
(Last) (First) (Middle)

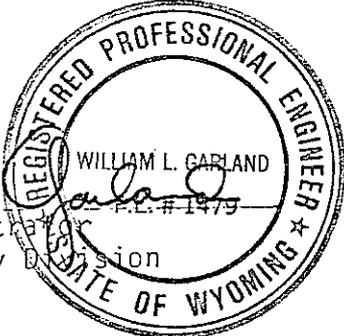
P.O. Box 25
(Street or P.O. Box)

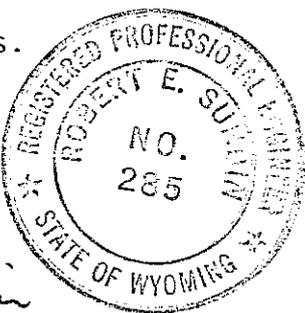
Evanston Wyoming 82930
(City) (County) (State)

to construct, install, or modify a septic tank/evapotranspiration bed
facility located in Sec. 1, T. 14N, R. 120W
(Legal Description)

in the County of Uinta, 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


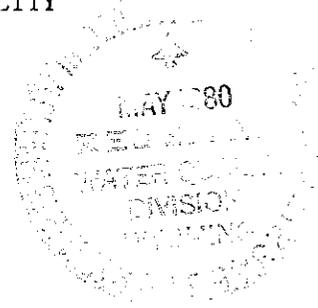
Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality


June 4, 1980
Date of Issuance

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

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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



PROJECT: AMF TUBOSCOPE INC., SEWAGE DISPOSAL SYSTEM

ENGINEER: Rocky Mountain Engineering & Survey
100 8th Street, Suite 4
P. O. Box 805
Evanston, WY 82930
ATTN: Dale Peterson, P.E.

OWNER: Arnold Bartels - AMF Tuboscope
P. O. Box 25
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 80-230

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

DATE OF REVIEW: May 19, 1980

ACTION: NOT AUTHORIZED.

COMMENTS:

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

1. Recommend the evapotranspiration bed be covered with at least 6 inches of topsoil and crowned in order to minimize contributions from unwanted runoff water.
2. Because of reported problems with plastic liners, I recommend consideration be given to utilizing a 6 inch layer of clay for the bed's sealant. If the clay is not found acceptable, then a three-inch layer of sand should be placed on top of the PVC liner in order to minimize punctures from the surrounding gravel.
3. Suggest a grit removal chamber be installed between the vehicle wash rack and the septic tank in order to reduce septic tank failures and cleanings.

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

cc: Fred C. Theiss
341 East E. St., Suite 195
Casper, WY 82601

077-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-231RR

Dyna-Drill Building, Zero Road

(Name of Facility)

This permit hereby authorizes the applicant:

Steel Structures, Inc.

(Last) (First) (Middle)

P.O. Box 73

(Street or P.O. Box)

Casper, WY 82602

(City) (County) (State)

to construct, install, or modify a commercial wastewater collection/subsurface disposal

facility located in Sec. 33, T34N, R80W

(Legal Description)

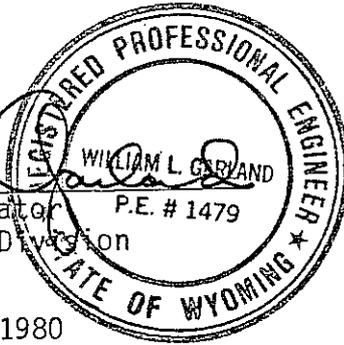
in the County of Natrona, in the State of

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

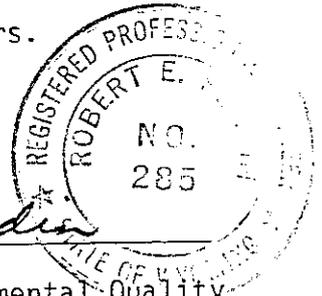
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Cervand
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



June 12, 1980

Date of Issuance

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

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

cc: Mike Taylor
1912 Capital Ave., Suite 300
Cheyenne, WY 82001

cc: City of Cheyenne
City Engineer
2101 O'Neil
Cheyenne, WY 82001

M
5-27-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-232

Frontier Mall Off-Site Water Line Extension
(Name of Facility)

This permit hereby authorizes the applicant:

CBI & Associates, Inc.
(Last) (First) (Middle)

One Northgate Park
(Street or P.O. Box)

Chattanooga, Tennessee 37415
(City) (County) (State)

to construct, install, or modify a municipal water distribution
facility located in Sec. 20, T14N, R66W
(Legal Description)

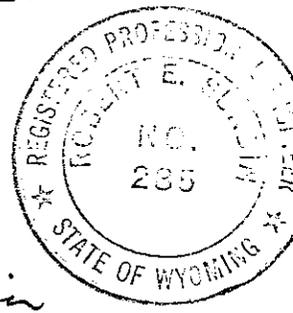
in the County of Laramie, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland

 Administrator P.E. #1479
 Water Quality Division

Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality



May 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."

cc: Mike Taylor
1912 Capitol Ave., Suite 300
Cheyenne, WY 82001

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

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-233

Wonch Utilities
(Name of Facility)

This permit hereby authorizes the applicant:

Wonch, Mary
(Last) (First) (Middle)

6614 North College Drive
(Street or P.O. Box)

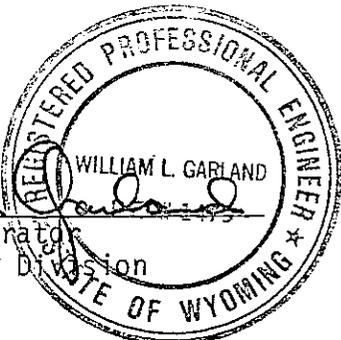
Cheyenne, WY 82001
(City) (County) (State)

to construct, install, or modify a municipal collection system
facility located in Sec. 26, T14N, R66W
(Legal Description)

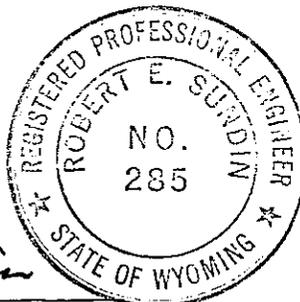
in the County of Laramie, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



May 27, 1980
Date of Issuance

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

cc: Worthington, Benhart,
Carpenter & Johnson, Inc.
632 S. David
Casper, WY 82601

Campbell County Sanitarian
P.O. Box 2848
Gillette, WY 82716

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-234

ROCKY MOUNTAIN MACHINERY COMPANY
(Name of Facility)

This permit hereby authorizes the applicant:

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

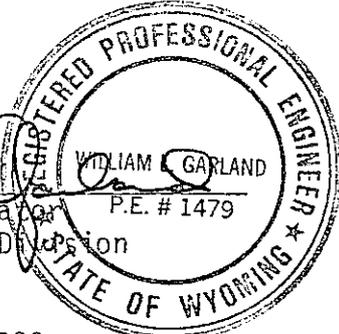
4823 West Yellowstone
(Street or P.O. Box)

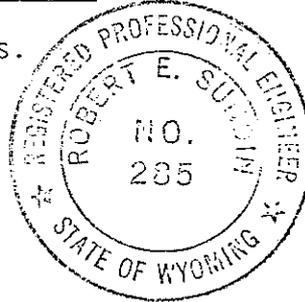
Casper, Wyoming 82601
(City) (County) (State)

to construct, install, or modify a septic wastewater system
facility located in Section 28, T.50N., R.72W.
(Legal Description)

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

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division


Robert E. Surrin
Director
Wyoming Dept. of Environmental Quality


May 22, 1980
Date of Issuance

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

M-0 S
5-30 PC

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-235 R

Dayton Water Treatment Plant Expansion
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Dayton
(Last) (First) (Middle)

c/o Pilch Engineering and Surveying
45 E. Loucks Street
(Street or P.O. Box)

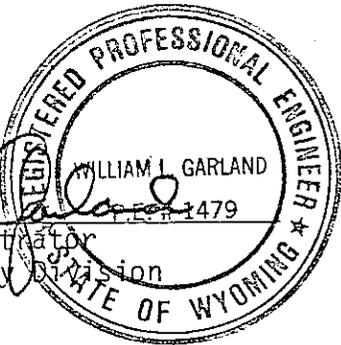
Sheridan (City) Sheridan (County) Wyoming (State)

to construct, install, or modify a water treatment plant
facility located in T.56N., R.87W.
(Legal Description)

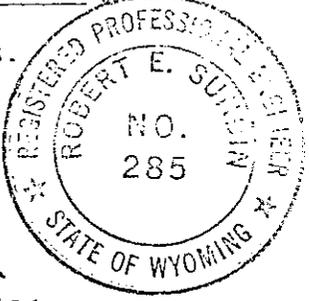
in the County of Sheridan, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William I. Garland
Administrator
Water Quality Division
STATE OF WYOMING



Robert E. Surtain
Director
Wyoming Dept. of Environmental Quality



May 28, 1980
Date of Issuance

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

PERMIT TO CONSTRUCT

M-105
7-8

- New
- Renewal
- Modified

Permit No. 80-236

Horse Hoof Reservoir - Carter Caballo Mine
(Name of Facility)

This permit hereby authorizes the applicant:

The Carter Mining Company
(Last) (First) (Middle)

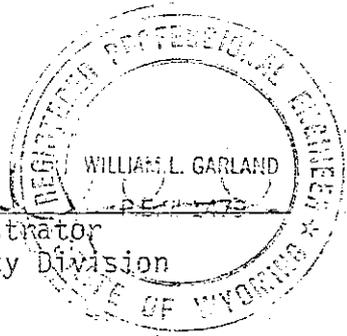
P.O. Box 3007
(Street or P.O. Box)

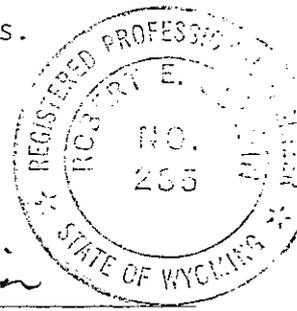
Gillette Campbell Wyoming 82716
(City) (County) (State)

to construct, install, or modify a runoff and pit water control pond
facility located in Sec. 24, T.48N., R.71W.
(Legal Description)

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

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division


Robert E. Lundin
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."

cc: Fred C. Theiss
341 East E St., Suite 195
Casper, WY 82601

13
6-12-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-237RR

Armco Building, National Supply Company, Site 2

(Name of Facility)

This permit hereby authorizes the applicant:

Steet Structures, Inc.

(Last) (First) (Middle)

P.O. Box 73

(Street or P.O. Box)

Casper,

WY 82602

(City) (County) (State)

to construct, install, or modify a commercial subsurface wastewater disposal
facility located in Sec. 29, T34N, R79W
(Legal Description)

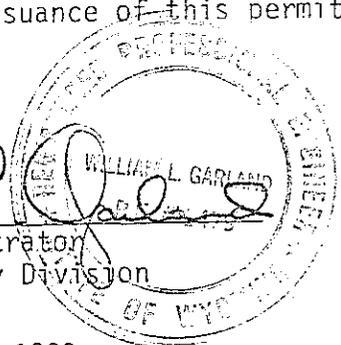
in the County of Natrona, in the State of

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

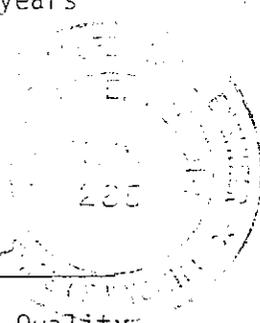
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sandis
Director
Wyoming Dept. of Environmental Quality



June 12, 1980

Date of Issuance

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

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

cc: Fred C. Theiss
341 East E St., Suite 195
Casper, WY 82601

6-17-88

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-238RR

ARMCO Building, National Supply Company, Site 1

(Name of Facility)

This permit hereby authorizes the applicant:

Steel Structures, Inc.

(Last) (First) (Middle)

P.O. Box 73

(Street or P.O. Box)

Casper,

WY 82602

(City) (County) (State)

to construct, install, or modify a commercial wastewater collection/subsurface disposal
facility located in Sec. 29, T34N, R79W

(Legal Description)

in the County of Natrona, in the State of

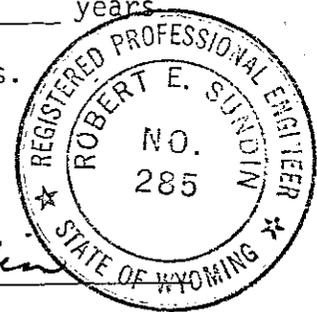
Wyoming. This permit shall be effective for a period of two (2) years

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

AUTHORIZED BY:

William J. Garland
 Registered Professional Engineer
 No. 1479
 State of Wyoming
 Water Quality Division

Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality



June 12, 1988

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: Fred C. Theiss
341 East E St., Suite 195
Casper, WY 82601

*13
6-17-80*

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-239RR

Drillco Building, Zero Road
(Name of Facility)

This permit hereby authorizes the applicant:

Steel Structures, Inc.
(Last) (First) (Middle)

P.O. Box 73
(Street or P.O. Box)

Casper, WY 82602
(City) (County) (State)

to construct, install, or modify a commercial wastewater collection
facility located in Sec. 33, 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 J. Garland
 ADMINISTRATOR
 Water Quality Division
 STATE OF WYOMING
 REGISTERED PROFESSIONAL ENGINEER
 WILLIAM GARLAND
 P.E. # 1479

Robert E. Sunden
 Director
 Wyoming Dept. of Environmental Quality

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

June 12, 1980
Date of Issuance

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

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

cc: Fred C. Theiss
341 East E St., Suite 195
Casper, WY 82601

M
6-17-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-240RR

Drillco Building, Zero Road
(Name of Facility)

This permit hereby authorizes the applicant:

Steel Structures, Inc.
(Last) (First) (Middle)

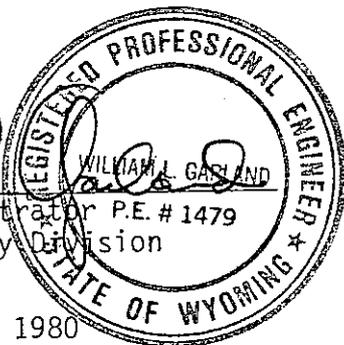
P.O. Box 73
(Street or P.O. Box)

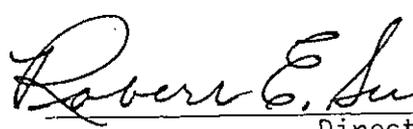
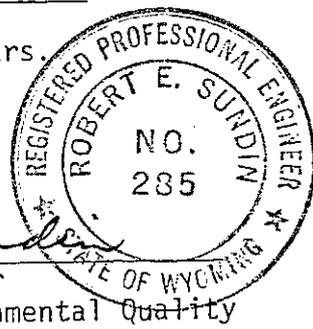
Casper, WY 82602
(City) (County) (State)

to construct, install, or modify a commercial subsurface wastewater disposal
facility located in Sec. 33, 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. GASLAND
 Administrator P.E. # 1479
 Water Quality Division



 Director
 Wyoming Dept. of Environmental Quality


June 12, 1980
Date of Issuance

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

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

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-241RR
EPA 0560182-94

SEE SPECIAL CONDITIONS

Yoder Wastewater Collection & Treatment Facilities
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Yoder
(Last) (First) (Middle)

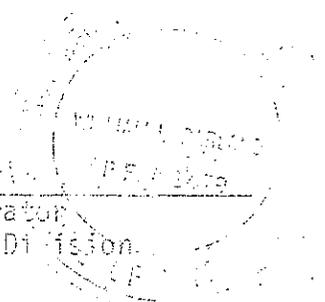
P. O. Box 66
(Street or P.O. Box)

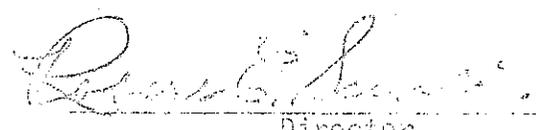
Yoder, WY 82244
(City) (County) (State)

to construct, install, or modify a municipal wastewater collection & treatment
facility located in Section 34, T23N, R62W
(Legal Description)

in the County of Goshen, 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

August 6, 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 permitted facility, when constructed, will meet applicable discharge standards or other effluent or operational requirements."

SPECIAL CONDITIONS

DEQ/WQD Permit to Construct #80-241RR

Based upon results of groundwater sample analyses, the applicant may be required to install one or more groundwater monitoring wells.

11/1/80

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION 401 West 19th St.
~~STATE OFFICE XXXXXXXXXX~~ Equality State Bank Bldg.
Cheyenne, Wyoming 82002

PROJECT: Yoder Wastewater Collection & Treatment Facilities, Goshen Co.

ARCHITECT OR ENGINEER: Charles A. Haas, Wells Engineering, Inc., 1225 Sage St.,
Gering, NE 69341

WATER QUALITY DIVISION REFERENCE NUMBER: 80-241 (EPA C560182-94)

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

DATE OF REVIEW: June 10, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Provide design data for the lagoon system. Must include, at least, design population, volume per person, cell sizes, detention times, organic loading rates, wastewater influent parameters (BOD, TSS, T, pH, etc.). This information should be presented in tabular form on a plan sheet.
2. Specifications should indicate that the soil under the bentonite liner will be sterilized and rested for 5 days prior to sealing lagoon bottom. Both cells should be considered for bentonite liner, depending upon groundwater depth and quality in the area. The bentonite should be compacted to 90% Standard Proctor Density.
3. Groundwater monitoring systems may be required depending upon depth and quality. Provide analysis of groundwater under the proposed lagoon location. Questions on groundwater should be directed to Tony Mancini of our staff.
4. All ponds shall have a pond drain to allow complete emptying, either by gravity or pumping, for maintenance.
5. The lamping phrase in Section 3.10 should be expanded by adding: "The source should be observed at the other end as nearly a full circle of light. The ability to see only segments, ovals, or reflections indicates serious misalignment or collapse of the sewer. Serious misalignment or collapsed sewers will be replaced immediately by the contractor."
6. The sewer pipe leakage criteria contained in Sections 3.09 A & B must be changed to 200 gallons per inch of pipe diameter per mile per day.
7. What deflection tests and criteria (5%) will be used for testing the installation of any flexible pipe?

Lift Station/Force Main

1. Alarm in lift station shall be telemetered to a municipal facility that is manned 24 hours a day or to a home of a responsible person who can respond to the lagoons and correct any high water problem.
2. Adequate ventilation shall be provided for all pumping stations. Where the pump pit is below the ground surface, mechanical ventilation is required so arranged as to independently ventilate the dry well and the wet well if screens or mechanical equipment requiring maintenance or inspection are located in the wet well. In pits over 15 feet deep, multiple inlets and outlets are desirable. All intermittently operated ventilating equipment shall be interconnected with the respective pit lighting system. The fan wheel should be fabricated from non-sparking material. Consideration should be given to installation of automatic heating equipment. The ventilation system should provide at least 30 complete air changes per hour, when operational.
3. What will be the wastewater velocity in the four inch pressure pipe?
4. Recommend consideration of a downward facing outlet for the termination of the four inch pressure sewer line at the lagoon flow control box to prevent fluids being pumped out manhole cover. During periods when the force main is not operational, how will back flow through the force main and into the lift station well be eliminated?

cc: Mike Hacket

1785
7-11-80

PERMIT TO CONSTRUCT

New

Permit No. 80-242

Renewal

Modified

Stockpile Sediment and Runoff Control Facilities*

Coal Creek Mine

(Name of Facility)

This permit hereby authorizes the applicant:

ARCO Coal Creek Mine

(Last)

c/o Chase Caldwell

(First)

(Middle)

P.O. Box 1839

(Street or P.O. Box)

Gillette

(City)

Campbell

(County)

Wyoming 82716

(State)

to construct, install, or modify a sediment and runoff control facilities

facility located in Coal Creek Mine permit area, T.46N., R.70W.

(Legal Description)

in the County of Campbell, in the State of

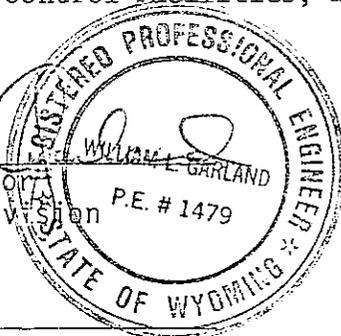
Wyoming. This permit shall be effective for a period of two (2) years

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

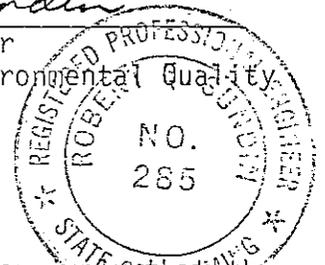
* These facilities include: 1) Topsoil Stockpile No. 6 Sediment Control Facility, 2) Coal Spoil Stockpile Sediment Control Facility, 3) Topsoil Stockpile No. 1, 2, 3, 4, 5, 7 Sediment Control Facilities, and 4) Railroad Laydown Area Berm.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



July 3, 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

11/1/80
207-10

- New
- Renewal
- Modified

Permit No. 80-244

Rainbow Resources, Inc., #1-30 Granite Creek Federal Gas Well
(Name of Facility)

This permit hereby authorizes the applicant:

Rainbow Resources, Inc. - Charles Burton
(Last) (First) (Middle)

330 South Center, Suite 305
(Street or P.O. Box)

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

to construct, install, or modify a small wastewater disposal
facility located in Sec. 30, T. 39N, R. 113W
(Legal Description)

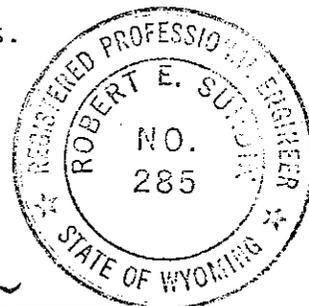
in the County of Teton, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

NOTE THE ATTACHED COMMENT

AUTHORIZED BY:

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

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



May 20, 1980
Date of Issuance

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

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

PROJECT: Rainbow Resources, Inc., #1-30 Granite Creek Federal Gas Well

ENGINEER: J. P. Meroney, P.E.
330 South Center, Suite 305
Casper, WY 82601

OWNER: Rainbow Resources, Inc. Attention: Charles Burton
330 South Center, Suite 305
Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 80-244

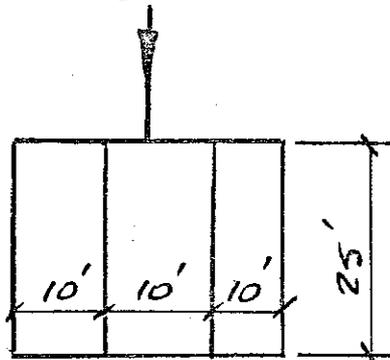
REVIEWING ENGINEER: M. Robin Collins, P.E. *M. Robin Collins*

DATE OF REVIEW: May 20, 1980

ACTION: ~~NOT~~ ^{XXX} AUTHORIZED.

COMMENTS: The aforementioned project is authorized and permitted for construction. However, the following comment is offered as confirmation of action to be taken by the owner:

The proposed absorption area (leach field) should be increased to at least the following indicated dimensions:



2' WIDE TRENCH

cc: Philip Hoyt
Laramie Engineering, P.C.
504 South Fourth
Laramie, WY 82070

PA
5-29

PERMIT TO CONSTRUCT

New

Permit No. 80-245

Renewal

Modified

URADCO - Boot Heel Campsite No. 2
(Name of Facility)

This permit hereby authorizes the applicant:

Uranium Resources & Development Company
(Last) (First) (Middle)

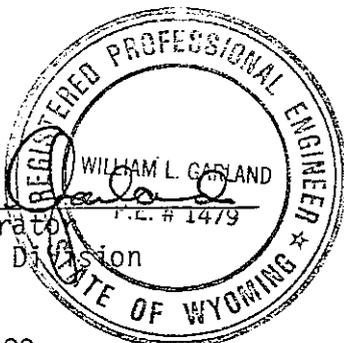
1229 N. 23rd St.
(Street or P.O. Box)

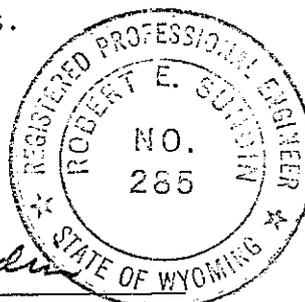
Grand Junction, CO 81501
(City) (County) (State)

to construct, install, or modify a small subsurface disposal
facility located in Sec. 31, T25N, R74W
(Legal Description)

in the County of Albany, 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


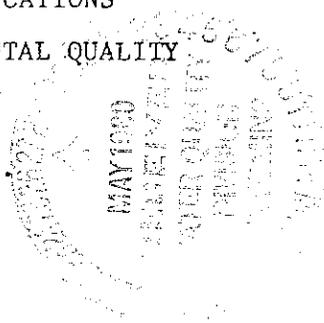
Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality


May 27, 1980
Date of Issuance

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

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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



PROJECT: Highland Park Estates Water System

ENGINEER: Peter M. Jorgensen Attention: Stanley L. Zaist, P.E.
P.O. Box 1142
Jackson, WY 83001

OWNER: J. T. Chapman, Jr.
P.O. Box 47523
Dallas, Texas 75247

WATER QUALITY DIVISION REFERENCE NUMBER: 80-246

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

A handwritten signature in black ink that reads "M. Robin Collins".

DATE OF REVIEW: May 21, 1980

ACTION: NOT AUTHORIZED.

COMMENTS: After reviewing the aforementioned project and in reference to our recent telephone conversation, I would like to offer the following comments for your consideration in processing the necessary permit.

1. Recommend a 16-mesh copper, brass or bronze screen be specified for the well casing vent.
2. Suggest the drain field for the yard hydrant be increased to at least $\frac{1}{2}$ cubic yard of crushed gravel.
3. The well casing should extend at least 18-inches above the concrete pad.
4. More detailed specifications for the well grouting need to be submitted.
5. The thickness and weight per linear foot of the well casing needs to be upgraded to meet "Ten States' Standards".
6. The yard hydrant detail should be drawn as to how it will actually be installed in the field. Particular attention should be given to the thrust blocking.
7. The public water works must show an ability to consistently meet the bacteriological standards. If it cannot be met, chlorination equipment must be used to disinfect the water supply.
8. Before the well can be put into service, we must be provided chemical and bacteriological analyses from the well water.

9. All public water supplies must be maintained by a certified operator. Please provide a name and address of the proposed operator so that he can be provided with the necessary information for certification.

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

MRC/kn

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Chevron-Carter Creek Water Supply & Wastewater Disposal Systems

ENGINEER: Uinta Engineering & Surveying, Inc.
808 Main Street
Evanston, WY 82930 ATTN: Ken Walker, P.E.

OWNER: Daniel Construction Company
5100 Southwest Freeway
Houston, Texas 77056

WATER QUALITY DIVISION REFERENCE NUMBER: 80-247

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



DATE OF REVIEW: June 12, 1980

ACTION: NOT AUTHORIZED.

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

A. Wastewater

1. Suggest the SDR for the sewer main be .35 maximum, instead of a minimum (Reference SP - 3.05).
2. Suggest consideration be given to providing a piping connection between Cells 1 and 3. This is not a requirement since expected life of the facility is two to three years.

B. Water

1. Specifications for disinfecting the water mains and storage tank should be given. Suggest consideration be given to using something similar to AWWA D703-73, second method for the water storage tank.
2. The contours around the storage tank should be such that no standing water develops within 50 feet.
3. Recommend 16-mesh copper, brass, or bronze screen be specified for all vents.

Chevron-Carter Creek Water Supply
& Wastewater Disposal System
Review of Plans & Specifications
Water Quality Reference No. 80-247
PAGE 2

4. Soil borings near the proposed storage tank site should be submitted.
5. Should bring the overflow pipe for the storage tank down to 12-14 inches above the ground surface.
6. Further information on the grout to be used around the well casing needs to be given.
7. Specifications for adequate separation distances between water and sewer lines should be shown.
8. The permanent well casing should extend at least 12 inches above the pumphouse floor.
9. A flowmeter and sample tap should be provided on the discharge pipe inside the pumphouse.
10. The well casing vent should be located at least 18 inches above the floor.
11. Before the well can be put into service, we must be provided chemical and bacteriological analyses from the well water.
12. The public water works must show an ability to consistently meet the bacteriological standards. If it cannot be met, chlorination equipment must be used to disinfect the water supply. The necessary taps, etc., should be installed in the initial construction in order to simplify connection with the chlorination unit.
13. All public water supplies must be maintained by a certified operator. Please provide a name and address of the proposed operator so that he can be provided with the necessary information for certification.

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

MRC/d1

11 9-8-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-248RR

Squaw Creek Subdivision - Public Water Supply
(Name of Facility)

This permit hereby authorizes the applicant:

Squaw Creek Water Users Association c/o Carlus Blevins
(Last) (First) (Middle)

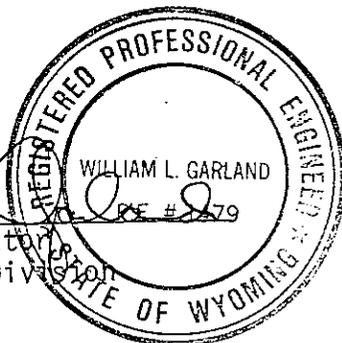
275 N. Division
(Street or P.O. Box)

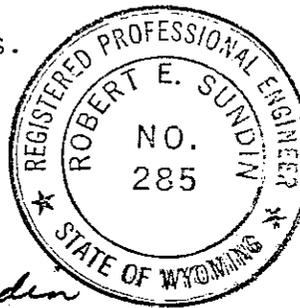
Powell Wyoming 82435
(City) (County) (State)

to construct, install, or modify a public water supply
facility located in Sec. 5, T. 56N and Sec. 31, T. 57N, R. 106W
(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 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: Squaw Creek Subdivision - Public Water Supply

ENGINEER: Engineering Associates Attention: Donald Livingston, P.E.
P.O. Box 1900
Cody, WY 82414

OWNER: Squaw Creek Water Users Association
c/o Carlus Blevins
275 N. Division
Powell, WY 82435

WATER QUALITY DIVISION REFERENCE NUMBER: 80-248

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

DATE OF REVIEW: May 28, 1980

ACTION: NOT AUTHORIZED.

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

1. Recommend a 16-mesh copper, brass or bronze screen be specified for the overflow vent from the storage tank.
2. A splash block or gravel should be placed under the storage tank overflow pipe in order to minimize erosion.
3. Before the well can be put into service, we must be provided chemical and bacteriological analyses from the well water.
4. The public water works must show an ability to consistently meet the bacteriological standards. If it cannot be met, chlorination equipment must be used to disinfect the water supply. The necessary taps, etc., should be installed in the initial construction in order to simplify connection with the chlorination unit.
5. All public water supplies must be maintained by a certified operator. Please provide a name and address of the proposed operator so that he can be provided with the necessary information for certification.
6. A map showing the location of all existing and potential sources of pollution within 250 feet of the well must be submitted. There should be submitted also documentary evidence that the owner has a deed or perpetual easement for an area of at least 100 feet radius around it. A written agreement with the forest service would be satisfactory in this case.



7. Instructions for disinfecting the water system (storage tank and water lines) before its initial use should be submitted.
8. More detailed specifications should be given. Care should be given to specifying a structurally stable fiberglass storage tank and its bedding requirements. Reference to the Wyoming Public Works Specifications is acceptable for other affective areas.
9. Information on the adequacy of the local soil conditions (i.e., groundwater depth, percolation tests, etc.) in relation to subsurface wastewater disposal systems should be given. Care in location of septic tank/leach field systems must be exercised by the Water Users Association in order to insure adequate separation distances from the public water supply system.

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

MRC/kn

m;
5-29-80

PERMIT TO CONSTRUCT

New

Permit No. 80-249

Renewal

Modified

Tenneco 404 Wastewater Pond

(Name of Facility)

This permit hereby authorizes the applicant:

Tenneco Oil Company

(Last) (First) (Middle)

520 Wilkes Drive #12

(Street or P.O. Box)

Green River,

WY 82935

(City) (County) (State)

to construct, install, or modify a wastewater treatment pond

facility located ~~at~~ at N 361604.94 & E 251985.94

(Legal Description)

in the County of Sweetwater, in the State of

Wyoming. This permit shall be effective for a period of one (1) years

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

AUTHORIZED BY:

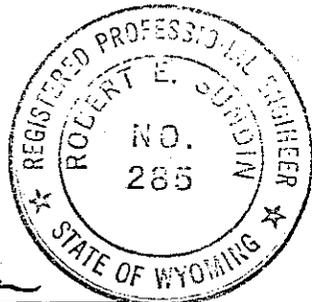
William L. Garland

Administrator
Water Quality Division



Robert E. Surdin

Director
Wyoming Dept. of Environmental Quality



May 27, 1980

Date of Issuance

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

L E f

PERMIT TO CONSTRUCT

New

Permit No. 80-250R

Renewal

Modified

Treatment Facility No. 2

(Name of Facility)

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

Medicine Bow Coal Company

500 North Broadway

St. Louis, MO 63102

to construct, install, or modify a industrial stabilization pond

facility according to the procedures and conditions of the application

No. 80-250R. The facility is located in Sec. 19, T23N, R83W

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

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

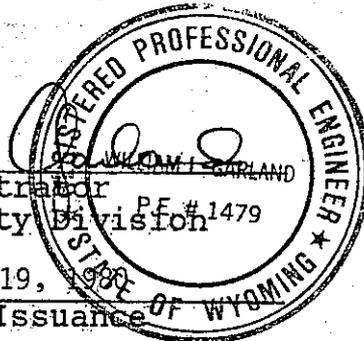
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

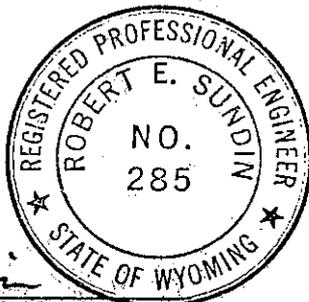
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

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

AUTHORIZED BY:


William L. [Signature]
Administrator
Water Quality Division
September 19, 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: Malalur K. Sateesha, Medicine Bow Coal Co., 500 N. Broadway, St. Louis, MO 63102
John Wagner, DEQ/WQD

M-10
6-13-80

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
~~State Office Building~~ 401 West 19th St.
Cheyenne, Wyoming 82002 Equality State Bank Bldg.

PROJECT: Medicine Bow Mine, Pit Water Treatment Facility, Carbon Co.

ARCHITECT OR ENGINEER: Lonnie Norman, Arch Mineral Corporation,
P.O. Box 530, Hanna, WY 82327

WATER QUALITY DIVISION REFERENCE NUMBER: 80-250

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

DATE OF REVIEW: June 13, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Plans and specifications must carry the signature or seal of a professional engineer licensed in Wyoming.
2. Provide construction specifications for the facility.
3. All wastewater pond construction proposals must include engineering data specified in the attached "Guidelines for Wastewater Pond Construction Permit Applications."
4. Two copies of an application for a Permit to Construct must be completed.
5. Provide water quality parameters for wastewater to be pumped into the facility. Indicate estimated quantity and required storage capacity.