

cc: Kennedy Associates
P.O. Box 1089
Wheatland, WY 82201

11
3-25-80

PERMIT TO CONSTRUCT

New

Permit No. 80-101

Renewal

Modified

Ninth Street, High Street, Twelfth Street Water Line
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Wheatland
(Last) (First) (Middle)

600 9th Street
(Street or P.O. Box)

Wheatland Platte Wyoming 82201
(City) (County) (State)

to construct, install, or modify a municipal water distribution system
facility located in Section 13, T24N, R68W, Ninth Street, High Street, Twelfth Street
(Legal Description)

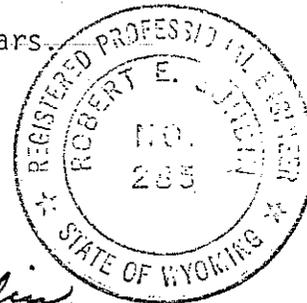
in the County of Platte, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



March 19, 1980
Date of Issuance

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

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-102R

TOWN OF SUNDANCE — WELL CONTROL FACILITY
 (Name of Facility)

This permit hereby authorizes the applicant:

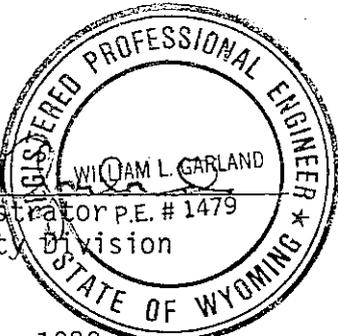
<u>Town of Sundance</u>		
<u>(Last)</u>	<u>(First)</u>	<u>(Middle)</u>
<u>c/o Ralph Goodson</u>		
<u>Box 130</u>		
<u>(Street or P.O. Box)</u>		
<u>Sundance</u>	<u>Crook</u>	<u>Wyoming 82729</u>
<u>(City)</u>	<u>(County)</u>	<u>(State)</u>

to construct, install, or modify a well control chlorination
 facility located in Section 25, T.52N., R.63W.
 (Legal Description)

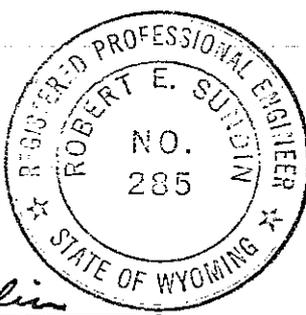
in the County of Crook, in the State of
 Wyoming. This permit shall be effective for a period of two (2) years
 from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

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



Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality



April 11, 1980
 Date of Issuance

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



File

Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

September 30, 1980

Tudor Engineering Company
450 South Federal Blvd.
Riverton, WY 82501

Attention: Robert B. Stannard, P.E.

Re: Small Wastewater Disposal
System for Meeteetse's
Water Treatment Plant
Ref. DEQ #80-103R

Dear Sir:

In reference to your correspondence of September 23, 1980, this letter is to serve as our approval regarding the design of the septic tank/leach field system for the aforementioned project and as satisfying the requirements of the previously issued "Permit to Construct" (DEQ #80-103R).

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

Respectfully,

A handwritten signature in cursive script that reads "M. Robin Collins".

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

MRC/kn

cc: DEQ/WQD - Cheyenne



Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

November 12, 1980

Tudor Engineering Company
450 South Federal Blvd.
Riverton, WY 82501

Attention: Robert B. Stannard, P.E.

Re: Proposed Pond Improvements
at the Meeteetse Water
Treatment Plant
DEQ #80-103R

Dear Sir:

In reference to your correspondence of November 6, 1980, this letter is to serve as our approval regarding the proposed changes to the presedimentation/backwash pond for the aforementioned project.

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

Respectfully,

A handwritten signature in cursive script that reads "M. Robin Collins".

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

MRC/kn

cc: DEQ/WQD - Cheyenne

PERMIT TO CONSTRUCT

MTC
4/10

- New
- Renewal
- Modified

Permit No. 80-103R

MEETEETSE'S WATER TREATMENT PLANT

(Name of Facility)

This permit hereby authorizes the applicant:

Town of Meeteetse (Agent: Robert B. Stannard, Jr., P.E.)

(Last) (First) (Middle)

P.O. Box 38

(Street or P.O. Box)

Meeteetse,

Wyoming 82433

(City) (County) (State)

to construct, install, or modify a conv. water treatment plant, reservoir and septic tank/leach field

facility located in Sec. 27, T. 48 N., R. 101 W.
(Legal Description)

in the County of Park, in the State of

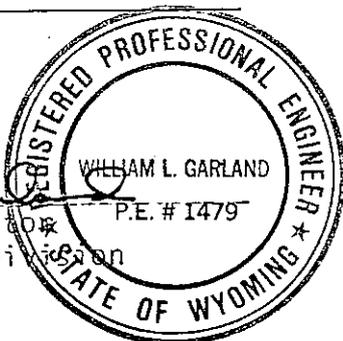
Wyoming. This permit shall be effective for a period of 2 years

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

NOTE: THE ATTACHED COMMENTS

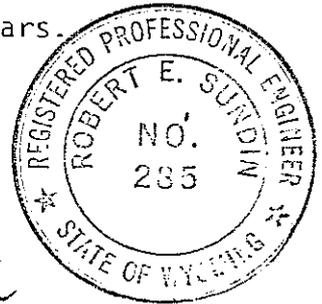
AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin

Director
Wyoming Dept. of Environmental Quality



April 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: MEETEETSE'S WATER TREATMENT PLANT

ENGINEER: Tudor Engineering Company Attn: Robert B. Stannard, Jr., P.E.
450 S. Federal Blvd.
Riverton, WY 82501

OWNER: Town of Meeteetse
P.O. Box 38
Meeteetse, WY 82433

WATER QUALITY DIVISION REFERENCE NUMBER: 80-103R

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



DATE OF REVIEW: March 31, 1980

ACTION: ~~NOT~~ AUTHORIZED.

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

1. Shop drawings for the backwash reservoir should be submitted to this office as soon as they become available.
2. Baffle modifications and improvements for the "pre-sedimentation" lagoons should also be submitted to this office once the required changes are determined after the lagoons are free from ice.
3. Specifications for the proposed septic tank/leach field need to be sent to this office after the necessary percolation tests can be performed.



Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

September 30, 1980

Tudor Engineering Company
450 South Federal Blvd.
Riverton, WY 82501

Attention: Robert B. Stannard, P.E.

Re: Small Wastewater Disposal
System for Meeteetse's
Water Treatment Plant
Ref. DEQ #80-103R

Dear Sir:

In reference to your correspondence of September 23, 1980, this letter is to serve as our approval regarding the design of the septic tank/leach field system for the aforementioned project and as satisfying the requirements of the previously issued "Permit to Construct" (DEQ #80-103R).

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

Respectfully,

A handwritten signature in cursive script that reads "M. Robin Collins".

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

MRC/kn

cc: DEQ/WQD - Cheyenne ✓

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Meeteetse Water Treatment Plant

ENGINEER: Tudor Engineering Company
450 S. Federal Blvd.
Riverton, WY 82501
ATTN: Robert B. Stannard, Jr., P.E.

OWNER: Town of Meeteetse
P. O. Box 38
Meeteetse, WY 82433



WATER QUALITY DIVISION REFERENCE NUMBER: 80-103

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

A handwritten signature in cursive script that reads "M. Robin Collins".

DATE OF REVIEW: March 12, 1980

ACTION: NOT AUTHORIZED.

COMMENTS:

As a follow-up to our phone conversation today, I would like to offer the following comments for your consideration in processing the necessary permit:

1. A 1-1½ inch hose bibb and appropriate equipment (pressure hose and storage rack) should be provided near the treatment unit for assistance in cleaning the tank walls.
2. Storage racks or equivalent should be provided in order to protect the stored chemicals from possible water damage.
3. An air release valve for the filter surface wash pump should be shown on sheet 2 of 12.
4. Only perforated pipe should be used in the wastewater disposal leach field.
5. Results from the percolation tests to be performed at the proposed wastewater absorption site should also be submitted to this office.
6. The inlet vent for the chlorination room should be located at the top of the entrance door.
7. Safety chains for the chlorine cylinders should be shown on the engineering plans.

Also, the location of the chlorine safety mask should be on the engineering plans.

8. Analyses of the native soils located at the 16,000 gallon backwash reservoir site need to be submitted to this office for review.
9. Recommend that consideration be given to using a 16-mesh noncorrosive screen for the reservoir vent in order to prevent possible frost seals.
10. Possible baffle modifications at the presedimentation ponds should be submitted to this office when practical.
11. Plan and elevation views of the existing wetwell and any proposed modifications need to be shown.
12. Recommend a hot water tap be provided near the polymer feeder in order to help in the make-up of the feed solution.
13. Suggest an overflow pipe to the drain be provided for the polymer feeder system in order to prevent messy cleanup operations after accidental spills.
14. Recommend consideration be given to installing a chemical injection tap for $K Mn_2 O_4$ similar to the one used for alum.
15. The difference between the specs 10,000 gallon reservoir (TS-14) and the plans 16,000 gallon reservoir need to be resolved.
16. The capacity (525 gpm?) of the back wash pumps should be indicated in the materials submitted for review.
17. Recommended measurements to the septic tank manhole from the surrounding objects need to be shown.
18. Should test for reservoir leakage and disinfect at the same time.
19. Disinfection procedures for the back wash reservoir should be clearly stated. Recommend the second method of AWWA D-103-73 be utilized.
20. Difference between density of imported bedding material from specifications (95%) and plans (90%) be resolved.
21. Shop drawings for the back wash reservoir from the manufacturer need to be submitted to this office as soon as they become available.

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

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-104R

OSAGE REFINERY - CAUSTIC PIT
(Name of Facility)

This permit hereby authorizes the applicant:

Glacier Park Company
(Last) (First) (Middle)

c/o Plains Engineering
P.O. Box 727
(Street or P.O. Box)

Newcastle Weston Wyoming 82701
(City) (County) (State)

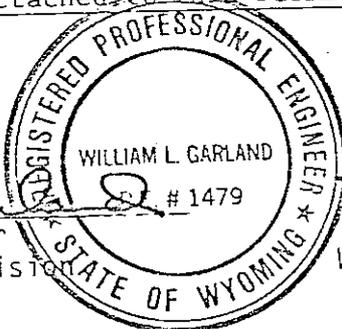
to construct, install, or modify a industrial wastewater pond
facility located in Section 26, T.46N., R.63W.
(Legal Description)

in the County of Weston, 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.

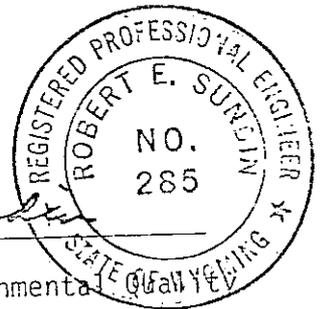
NOTE: See Conditions Attached to this Permit.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental



May 2, 1980
Date of Issuance

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

CONDITIONS ATTACHED TO PERMIT TO CONSTRUCT

80-104R

GLACIER PARK COMPANY
OSAGE REFINERY CAUSTIC PIT

- 1) Samples of the pit lining material shall be taken during construction, compacted to a density similar to that obtained in the lining, and the permeability of the samples tested. Results of the tests shall be forwarded to the Department of Environmental Quality.
- 2) The leak detection system shall be observed on a routine basis (at least monthly), and any liquid observed in the system shall be sampled and tested for pH and alkalinity. Any result indicating escape of the pond contents shall be reported to the Department of Environmental Quality within five working days.

original permit to applicant:

*Glacier Park Company
Osage Refinery
P.O. Box 315
Osage, WY 82723*

REVIEW OF PLANS AND SPECIFICATIONS

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



PROJECT: Glacier Park Company
Osage Refinery, Caustic Evaporation Pit

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

WATER QUALITY DIVISION REFERENCE NUMBER: 80-104

REVIEWING ENGINEER: Tom Mueller *TJM*

DATE OF REVIEW: 4/24/80

ACTION: Not Authorized for Construction. See comments.

COMMENTS:

1. The following information should be submitted with the application:
 - a) information used in sizing the pond
 - b) physical and chemical characteristics of the wastewater
 - c) any toxic properties of the wastewater
 - d) "in-place" properties of the soils where the facility will be built
 - e) depth and quality of the groundwater in the area
 - f) anticipated permeability of the bentonite — clay lining.
2. Upon authorization and construction of the pit, soil sample of the lining should be made, and tested for permeability.
3. An additional leak detection pipe should be installed, running directly through the middle of the pit.
4. At the time construction of the pit is authorized, a schedule will be attached to the Permit to Construct, outlining sampling requirements for the leak detection system. Any suggestions for the schedule should be made at this time.

17
2000

PERMIT TO CONSTRUCT

New

Permit No. 80-105R

Renewal

Modified

Vulcan Surge Pond
(Name of Facility)

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

Vulcan Materials Co.

P.O. Box 12283

Wichita, Kansas

to construct, install, or modify a surge pond

facility according to the procedures and conditions of the application

No. 80-105R. The facility is located in _____

Sec. 16, T. 16N, R. 109W

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

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

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

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and covering parking fees, to have access to the facility, at the above location, for the purpose of compliance with the provisions of this construction permit.

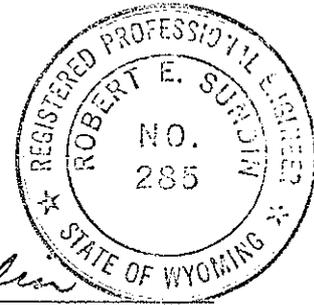
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

January 23, 1981
Date of Issuance

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



Copy

80-105
M
5-19-80

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

May 19, 1980

Mr. Tom Parrott
Vulcan Materials Co.
P.O. Box 12283
Wichita, Kansas 67277

Dear Mr. Parrott:

This letter will confirm our telephone conversation of May 16, 1980, concerning the application by Vulcan Materials Company for a permit to construct a "surge pond" in Section 16, T16N, R109W, Sweetwater County, Wyoming.

This letter reflects my views; these may be enlarged upon by the WQD, Lander District Engineer in his review of Plans and Specifications of the "surge pond".

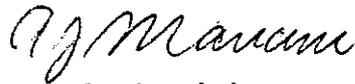
My specific concerns are:

1. Sheet 2 of 4 of "Map to Accompany Application for Surge Pond No. 1 Reservoir" shows features of the drainage area and the proposed pond. It appears that the "drainage area" for the pond is within the ditches shown on this map. Please provide the size of this drainage area, in acres. Does the ditch at the beginning of the "East Collection Ditch" convey any part of the runoff collected by "Diversion Ditch No. 1"? If so, what fraction or part? (How many additional acres would this represent?) Is the surface area of the pond at H.W.L. two (2.0) acres?
2. The details of discharge "points" into the pond, such as ditches, pipes, etc. should be shown in plan and profile (section). Erosion protection for pond walls and embankments (and lining, if applicable) should be shown and described.
3. No results have been reported for permeability tests of the potential lining material borrow area near TP-7. This information should be provided if this area will or may be used for "borrow".
4. Vulcan Materials' plans for recycling fluid from the surge pond should be described in more detail; recycling of well effluent plus sediment runoff plus "spills" may be environmentally unattractive.

Mr. Tom Parrott
Vulcan Materials Co.
May 19, 1980
Page two

5. The concept of deep well injection of wastes from the "surge pond" into the solution cavity may also be unattractive. Please provide more specific details of this segment of the proposed operation.

Very truly yours,



A. J. Mancini
Environmental Engineer

AJM/nc

cc: Robin Collins, DEQ/WQD, Lander

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Degasification Tank, Town of Moorcroft Public Water Supply

ARCHITECT OR ENGINEER: See Comments

WATER QUALITY DIVISION REFERENCE NUMBER: 80-106

REVIEWING ENGINEER: Tom Mueller, P.E. *TJM*

DATE OF REVIEW: March 12, 1980

ACTION: Not Authorized for Construction (See Comments)

COMMENTS:

Chapter III, Section 4.b., of the Wyoming Water Quality Rules and Regulations, states:

"All plans and specifications submitted shall carry the seal or signature of the designing engineer, who is a registered engineer in the State of Wyoming." Included with the application for this proposed project is a copy of a Certificate of Engineer, defining the location of the existing water well where the proposed improvements would be made. This Certificate is not considered sufficient to meet the requirements of the above-quoted regulation. Until such time as the regulation is complied with this Division will not approve the proposed construction, issue a Permit to Construct, or conduct any further review of the application.

cc: Mike King
Tri-County Planning Office
P.O. Box 743
Newcastle, WY 82701

Town of Moorcroft
P.O. Box 96
Moorcroft, WY 82721



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

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-107R
Ref.No. 79-708

Pulte Industrial Site
(Name of Facility)

This permit hereby authorizes the applicant:

Pulte Home Corporation

(Last) (First) (Middle)

P.O. Box 1305

(Street or P.O. Box)

Laramie

WY 82070

(City) (County) (State)

to construct, install, or modify a municipal water distribution and wastewater collection
facility located in Sec. 32, T16N, R73W, Lewis St. to Gibbon St.
(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
REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. GARLAND
P.E. # 1479
STATE OF WYOMING

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

April 1, 1980

Date of Issuance

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

A
3-2-80

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
~~STATE OFFICE~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: Revised Pulte Industrial Water Line, Laramie, WY, Albany Co.

ARCHITECT OR ENGINEER: Gertsch/Baker & Associates, 203 Grand Avenue,
Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 80-107, Ref. No. 79-708

REVIEWING ENGINEER: Robert H. Pinther, M.S., P.E., LeRoy C. Feusner, P.E. 

DATE OF REVIEW: March 20, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The plans do not bear the seal or signature of the designing engineer.
2. Water mains shall be tested in accordance with AWWA Standard C600-77 which is the latest edition.
3. Specify that the manufacturer's installation specifications for the water main shall be supplied to each foreman and inspector prior to construction and shall be followed during construction.
4. Provide a thrust block schedule on the plans.

cc: Donald R. Horton
P.O. Box 147
Torrington, WY 82240

PERMIT TO CONSTRUCT

New Permit No. 80-108
 Renewal
 Modified

Eastridge Village Mobile Home Park - Water & Sewer
(Name of Facility)

This permit hereby authorizes the applicant:

Edwards, William J.
(Last) (First) (Middle)

5920 Yellowstone Rd.
(Street or P.O. Box)

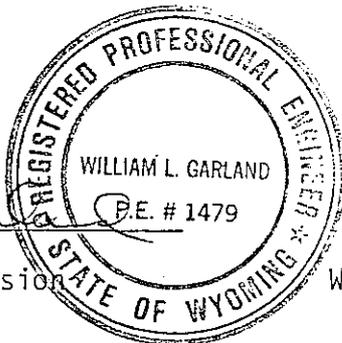
Cheyenne, WY 82001
(City) (County) (State)

to construct, install, or modify a municipal water supply and wastewater collection
facility located in Sections 10, 11, 14 & 15, T24N, R61W
(Legal Description)

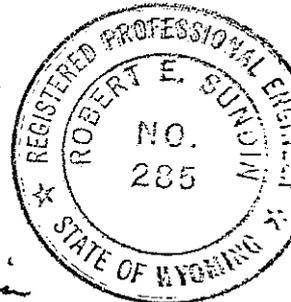
in the County of Goshen, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



March 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."

cc: Associated Engineers
910 Garfield Street
Laramie, WY 82070.

PERMIT TO CONSTRUCT

New

Permit No. 80-109

Renewal

Modified

Robinhood Homes (Block 20)
(Name of Facility)

This permit hereby authorizes the applicant:

Robinhood Homes, Inc.
(Last) (First) (Middle)

358 Trousdale Drive
(Street or P.O. Box)

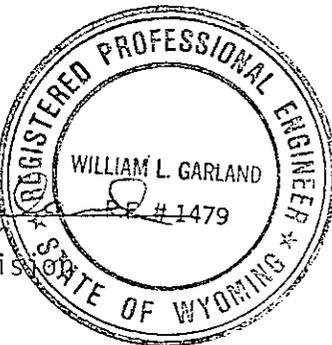
Chula Vista, CA 92010
(City) (County) (State)

to construct, install, or modify a municipal water distribution and wastewater collection system facility located in Section 20, T15N, R73W, Block 20 (Legal Description)

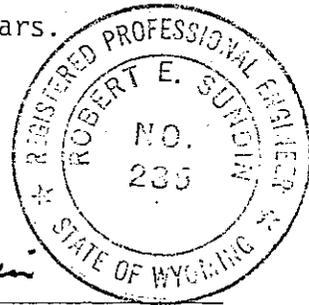
in the County of Albany, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director



Wyoming Dept. of Environmental Quality

March 19, 1980
Date of Issuance

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

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 19, 1980

Robinhood Homes, Inc.
W. Britt Davis
502 South 4th Street
Laramie, WY 82070

Reference: Notice of Violation and Cease and Desist Order,
Docket Number 587-79, dated August 20, 1979

Dear Mr. Davis:

The Water Quality Division of the Department of Environmental Quality received updated information and plans/construction specifications for the Robinhood Homes, Inc., block 19, project. We have completed our review, and have found that the construction meets minimum State standards. Since a Permit to Construct cannot be issued for "as built" facilities, this letter will serve as your approval document.

Sincerely,

A handwritten signature in black ink, appearing to read "LeRoy C. Feusner".

LeRoy C. Feusner, P.E.
Southeast District Supervisor

LCF/tsb

cc: Robinhood Homes, Inc.
358 Trousdale Drive
Chula Vista, CA 92010

Associated Engineers
910 Garfield Street
Laramie, WY 82070

M to S
4-30-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-110R

BIG HORN VIEW 1st ADDITION - TOWN OF DAYTON
(Name of Facility)

This permit hereby authorizes the applicant:

Smith Ray
(Last) (First) (Middle)

Route 2, Box 490
(Street or P.O. Box)

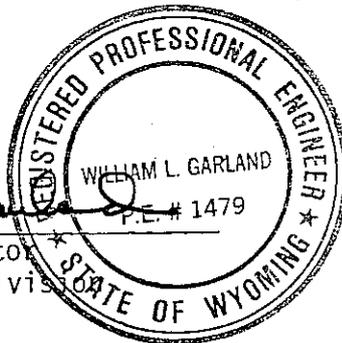
Sheridan Sheridan Wyoming 82801
(City) (County) (State)

to construct, install, or modify a water distribution and sewage collection
facility located in Section 32, T.57N., R.86W.
(Legal Description)

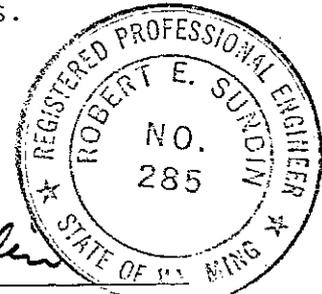
in the County of Sheridan, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



April 21, 1980
Date of Issuance

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

cc: Michael K. Purcell
Banner & Associates
306 Park
Wheatland, WY 82201

PERMIT TO CONSTRUCT

New

Permit No. 80-111

Renewal

Modified

Grey Rocks Dam N.W. Borrow Pit Gravel Washing Plant
(Name of Facility)

This permit hereby authorizes the applicant:

Brasel & Sims Construction Co.

(Last)

(First)

(Middle)

P.O. Box 490

(Street or P.O. Box)

Lander,

(City)

(County)

WY 82520

(State)

to construct, install, or modify a wash water retention & recirculation

facility located in Sec. 6, T25N, R65W

(Legal Description)

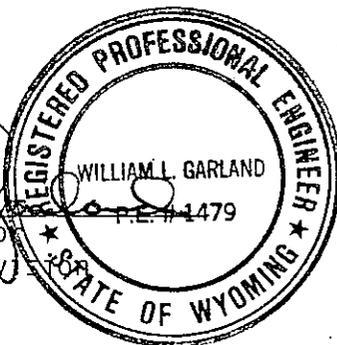
in the County of Platte, in the State of

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

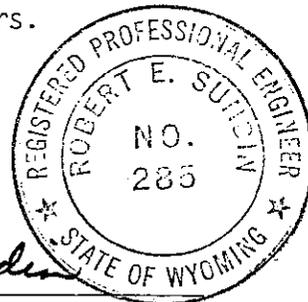
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sunden
Director
Wyoming Dept. of Environmental Quality



March 13, 1980
Date of Issuance

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

*Department of Environmental Quality**Water Quality Division*

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-~~3047~~³¹⁴⁴

April 28, 1980

Department of Health, Education and Welfare
Public Health Service
Billings Area - Indian Health Service
P.O. Box 2143
Billings, Montana 59103

Attention: George L. Allen, P.E.

Re: EH&E-SFC: Wind River Indian Reservation
1. Water Reservoir at Arapahoe
2. Well and Pumphouse at Arapahoe
3. Pumphouse at Boulder Flats
DEQ #80-112R

Dear Sirs:

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

GENERAL:

1. The enclosed application form for a "Permit to Construct" needs to be completed, signed by the responsible party, and returned to this office.
2. 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. Recommend chlorination taps be installed in the proposed pumphouses in case disinfection is required.
3. All public water supplies must be maintained by a certified operator. Please provide a name and address of the proposed or existing operator so that he can be provided with the necessary information for certification if he has not already done so.
4. Three complete sets of plans and specifications for these projects should be submitted to this office as part of the application.

.../2

(A.C.)

WATER RESERVOIR AT ARAPAHOE:

1. How will the integrity of the oiled sand pad for the tank foundation be maintained from intrusion of unwanted runoff water and precipitation?
I see no real purpose for exposing this pad beyond the tank as shown.
2. The USGS map showing contours around the storage tank, as requested, has not been received.
3. Also, the copy of the summary of the boring data has not been received.

WELL AND PUMPHOUSE AT ARAPAHOE:

1. 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.
2. Before the well can be put into service, we must be provided chemical and bacteriological analyses from the well water.
3. The design plans and specifications for the proposed well need to be submitted. Emphasis should be given to the well casing, casing vent, grouting requirements, surface seal (concrete platform around the well casing), etc. Our review will be based on the requirements of "Ten State Standards" which has been enclosed for your information.

PUMPHOUSE AT BOULDER FLATS:

1. Recommend a pressure gauge be specified for use in the pumphouse.

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

Respectfully,



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

Enclosures

cc: Field Engineer
PHS Indian Health Center
Fort Washakie, WY
Fremont County Planner
DEQ/WQD - Cheyenne ✓



Department of Environmental Quality

Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

March 18, 1980

Department of Health, Education and Welfare
Public Health Service
Billings Area - Indian Health Service
P.O. Box 2143
Billings, Montana 59103



Attention: George L. Allen, P.E.

Re: EH&E-SFC: Wind River Indian Reservation

1. Water Reservoir at Arapahoe
2. Pump and Pumhouse at Arapahoe
3. Pump and Pumhouse at Boulder Flat

DEQ #80-112

Dear Sirs:

After reviewing the aforementioned projects, we would like to offer the following comments for your reply in processing the necessary permit:

1. All plans and specifications submitted to this office for review should be stamped by a professional engineer registered in the State of Wyoming.
2. The enclosed application form for a "Permit to Construct" needs to be completed, signed by the responsible party, and returned to this office.
3. Need to clarify what type of PVC water pipe will be used, i.e., wall thickness, actual diameter size, etc. ASTM D-1784, Type I, Grade 1 does not provide this information.
4. Further information on how the overflow pipe will be secured to the reservoir tank needs to be shown.
5. Need more information on the native soil to be used as part of the tank foundation.
6. Recommend consideration be given to using a 16-mesh non-corrosive screen for the reservoir vent.

7. A drawing of the ground contours around the proposed water tank needs to be submitted. Want to insure that the water reservoir will not be subjected to undue runoff flows.
8. How will the integrity of the oiled sand pad for the tank foundation be maintained from intrusion of unwanted runoff water and precipitation?
9. Please show where the drain overflow will be located in relation to the reservoir tank.
10. Disinfection of all water mains and their appurtenances should follow the procedures as outlined in AWWA C601. The specification should also include a method for performing bacteriological tests on the disinfected materials.
11. Disinfection of the water tank should follow the procedures outlined in AWWA D103-73 second method in order to eliminate the discharge of large quantities of chlorinated water to nearby streams. Testing for leaks and disinfection may be accomplished at the same time using this method.
12. Engineering plans for both the (a) pump and pumphouse at Arapahoe, and the (b) pump and pumphouse at Boulder Flat should be submitted to this office for review and comment. The plans should include the exact locations of these projects plus the plan and elevation views of these respective pumphouses.

If you have any questions concerning this review, please do not hesitate to contact us.

Respectfully,



Michael R. Collins, A.E.
Northwest District Engineer

MRC:cmf

cc: Field Engineer
PHS Indian Health Center
Ft. Washakie, WY

DEQ/WQD, Cheyenne

cc: E. C. Lenhart
632 South David
Casper, WY 82601

PERMIT TO CONSTRUCT

11
3-21-80

- New
- Renewal
- Modified

Permit No. 80-113

Industrial Bearing Company
(Name of Facility)

This permit hereby authorizes the applicant:

Hawks Construction Company
(Last) (First) (Middle)

P.O. Box 764
(Street or P.O. Box)

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

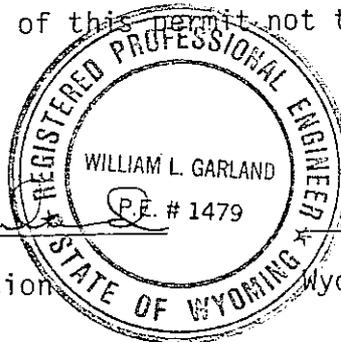
to construct, install, or modify a commercial, subsurface wastewater disposal
facility located in Section 8, T33N, R79W, Tract 4A, North Platte Subdivision
(Legal Description)

in the County of Natrona, in the State of

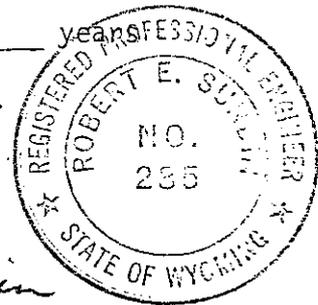
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



March 21, 1980
Date of Issuance

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

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

Robert Kumpe
Kumpe & Assoc.
341 E. "E" Street
Suite 185
Casper, WY 82601

M to S
6-18-80

PERMIT TO CONSTRUCT

New

Permit No. 80-114RR

Renewal

Modified

Exxon Highland Uranium Operation, Sewage Treatment Facility
(Name of Facility)

This permit hereby authorizes the applicant:

Exxon Minerals Company

(Last)

(First)

(Middle)

P.O. Box 3020

(Street or P.O. Box)

Casper, Wyoming 82602

(City)

(County)

(State)

to construct, install, or modify a sanitary sewage treatment

facility located in Section 29, T.36N., R.72W.

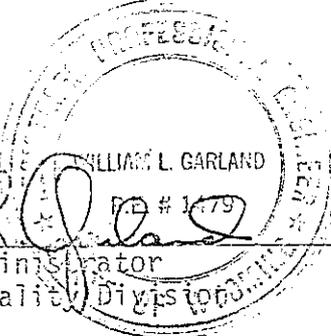
(Legal Description)

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
Water Quality Division

Robert E. ...
Director
Wyoming Dept. of Environmental Quality

June 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."

Norma

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: *Sewage Treatment Facility — Exxon Highland
Uranium Operation

ARCHITECT OR ENGINEER: Robert Kumpe, P.E.
Kumpe & Associates
341 East "E" Street, Suite 185
Casper, Wyoming 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 80-114R

REVIEWING ENGINEER: Dan H. Kim, Jake Strohman, P.E.

DATE OF REVIEW: May 19, 1980

ACTION: Not Authorized for Construction

COMMENTS:

- (1) It is not clear whether the "catchment sump" and "sx sump" are wet wells or dry wells. If these are wet wells the following details are needed.
 - (a) Wet well design (flow, detention time, etc.).
 - (b) Water level elevations (in connection with pump control).
 - (c) Suction pipe and elevation of sump inlet.
- (2) More information is needed for the "1,000 gpm catchment pump" and "500 gpm raffinate return pump" including:
 - (a) Pump design (TDH, NPSH, etc. — also need pump curves).
 - (b) Pump controls
- (3) Which pressure rating of the driscopipe will be elected to be used for the forcemains?
- (4) Specifications for sewage "effluent pump" at the plant outlet is needed.

*This project includes a sanitary sewage treatment facility (a lift station and a package plant) and a pump house connected to "catchment basin" and "sx pond." The permit application for the "catchment basin" and "sx pond" construction will be treated separately under DEQ No. 80-202.

cc: John Phillips, Exxon Minerals Corporation

cc: Darrell Smith
P.O. Box 414
Casper, WY 82602

PERMIT TO CONSTRUCT

New Permit No. 80-116
 Renewal
 Modified

Seminole Dam Government Community
(Name of Facility)

This permit hereby authorizes the applicant:

U.S. Department of the Interior
Water & Power Resources Service Lower Missouri Region
(Last) (First) (Middle)

P.O. Box 25247, Building 20, DFC
(Street or P.O. Box)

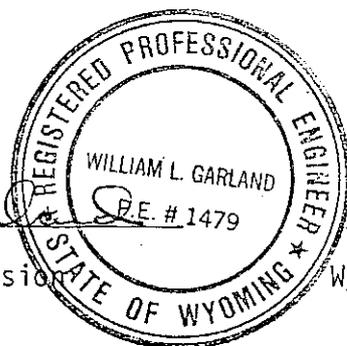
Denver Colorado 80225
(City) (County) (State)

to construct, install, or modify a subsurface wastewater disposal
facility located in Section 8, T25N, R84W
(Legal Description)

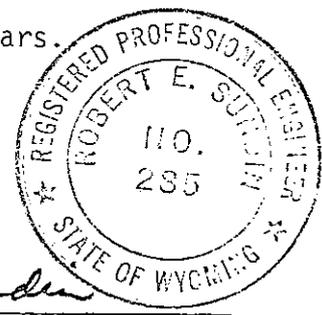
in the County of Carbon, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sutherland
Director
Wyoming Dept. of Environmental Quality



March 21, 1980
Date of Issuance

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



Department of Environmental Quality
Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 21, 1980

Mr. Dan Fults
U.S. Department of the Interior
Water & Power Resources Service
Lower Missouri Region
P.O. Box 25247
Building 20, DFC
Denver, CO 80225

Dear Mr. Fults:

This is in reference to your construction plans/specifications submissions for the Seminole Powerplant, Seminole Dam Government Community, and Fremont Canyon Powerplant.

A Permit to Construct has been issued for the Seminole Dam Government (80-116) in accordance with Chapter III of the Wyoming Environmental Quality Act. A Permit to Construct is not required for the Seminole Powerplant wastewater/water recycling unit (Pure-Cycle) because the facility will not discharge. Likewise, a Permit to Construct for the Fremont Canyon Powerplant's incinerator, toilets and urinals will not be required because there will be no discharge under normal operation.

Sincerely,

A handwritten signature in black ink, appearing to read "LeRoy C. Feusner".

LeRoy C. Feusner, P.E.
Southeast District Supervisor

LCF/nc:tb

PERMIT TO CONSTRUCT

New

Permit No. 80-118

Renewal

Modified

Lander Sewer & Water Extensions - Wood Street and Eighth Street
(Name of Facility)

This permit hereby authorizes the applicant:

Anderson, Roger W. and Robertson, William Jr.
(Last) (First) (Middle)

Box 10522 660 Amoretti
Denver, CO 80210 Lander, WY 82520
(Street or P.O. Box)

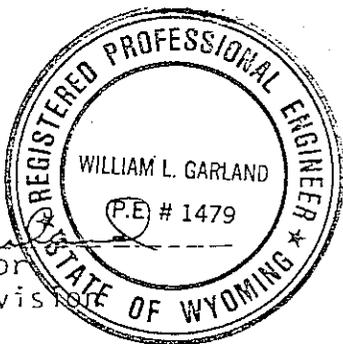
Lander WY 82520
(City) (County) (State)

to construct, install, or modify a sewer and water line extensions
facility located in Section 7 and 18, T.33N., R.99W.
(Legal Description)

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

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Suttin
Director

Wyoming Dept. of Environmental Quality



March 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."

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

PERMIT TO CONSTRUCT

New

Permit No. 80-119

Renewal

Modified

Elmo Connection & 1980 Loop Line
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Hanna
(Last) (First) (Middle)

Box 99
(Street or P.O. Box)

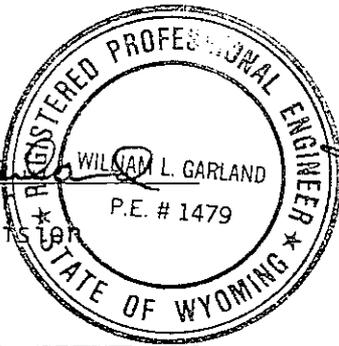
Hanna, WY 82327
(City) (County) (State)

to construct, install, or modify a municipal water distribution line
facility located in Sections 16, 17 & 18, T22N, R81W
(Legal Description)

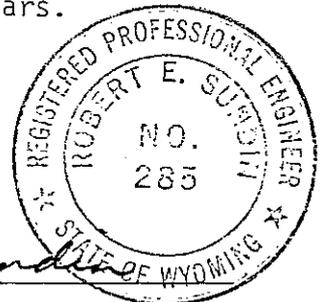
in the County of Carbon, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundling
Director
Wyoming Dept. of Environmental Quality



March 26, 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: Philip M. Hoyt
Laramie Engineering
504 South Fourth
Laramie, WY 82070

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-120
Ref. No. 80-37R

Water Line Project, Motel 6, Inc.
(Name of Facility)

This permit hereby authorizes the applicant:

Johnson, Williams,	Norval Earl	D. L.
(Last)	(First)	(Middle)

P.O. Box 1030
P.O. Box 181

(Street or P.O. Box)

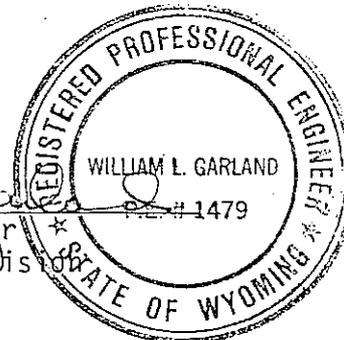
Laramie,	WY	82070
(City)	(County)	(State)

to construct, install, or modify a municipal water distribution system
facility located in Sec. 4, T15N, R73W, Knowl & Skyline Plaza Additions
(Legal Description)

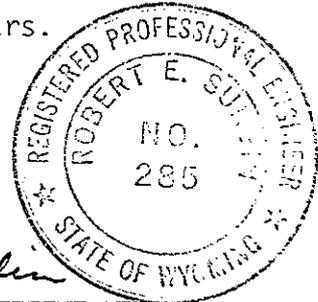
in the County of Albany, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



March 21, 1980
Date of Issuance

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

M-6 S
5-11-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-121R

WYOMING REFINING COMPANY CONTAINMENT RESERVOIR
(Name of Facility)

This permit hereby authorizes the applicant:

Wyoming Refining Company
(Last) (First) (Middle)

c/o Banner Associates, Inc.
P.O. Box 550
(Street or P.O. Box)

Laramie, Wyoming 82070
(City) (County) (State)

to construct, install, or modify a industrial wastewater containment reservoir
facility located in Section 6, T.44N., R.61W.
(Legal Description)

in the County of Weston, in the State of
Wyoming. This permit shall be effective for a period of three (3) years
from the date of issuance of this permit not to exceed five (5) years.

NOTE: See conditions attached to this permit.

AUTHORIZED BY:

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

Robert E. Sundin
 REGISTERED PROFESSIONAL ENGINEER
 ROBERT E. SUNDIN
 NO. 285
 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."



BANNER ASSOCIATES, INC.
CONSULTING ENGINEERS & ARCHITECTS

Wyoming: Laramie, Cheyenne
South Dakota: Brookings, Rapid City

309 S. 4th Street, P.O. Box 550, Laramie, Wyoming 82070 Telephone 307/745-7366



December 24, 1980

Department of Environmental Quality
Water Quality Division
401 West 19th
Cheyenne, Wyoming 82002

Re: Wyoming Refining Company
Containment Pond Reservoir
New Castle, Wyoming
1728
Permit No. 80-121R

Gentlemen:

This is to notify you that the construction of the Containment Pond Reservoir at the Wyoming Refining Company was completed on November 23, 1980. The final completion of the project including fencing, seeding, and other minor items was completed on December 16, 1980.

If you have any questions or comments please contact us.

Very truly yours,

Banner Associates, Inc.

By Victor E. Anderson
Victor E. Anderson

VEA/kab

*Department of Environmental Quality**Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

MEMORANDUM

TO: Tony Mancini

FROM: Mic Brenoel *[Signature]*

DATE: November 23, 1981

SUBJECT: Field investigation, Wyoming Refining Company, Newcastle, WY, Weston Co., DEQ/WQD Ref. No. 80-121R

On the morning of Tuesday, November 10, 1981, Jay Stender (Sheridan), Phil Pucel (Cheyenne) and I visited the Wyoming Refining Company plant in Newcastle, WY. We examined Cambria Creek and the plant area immediately adjacent to the creek. This creek is dry upgradient from the refinery, however, the stream gains water as it passes the refinery. The gain to the stream is via an underground avenue rather than any discharge pipe or per such permitted features. The condition of the water in the stream was "less than pristine". There appeared to be oil and grease in the water. Some of the water was carrying an obvious sheen (usually associated with petroleum products in water) and had a detectable odor of "petroleum". The stream banks on both sides had pockets of oil saturated soils. Numerous photographs were taken by Mr. Pucel and 2 stream samples were collected by Mr. Stender. We were accompanied on the inspection by Mr. Pat Havener of Wyoming Refining Co.

Parallel to the creek (along its east bank) was a subsurface french drain which was supposed to collect waters which were discharging to Cambria Creek. There was a collection sump along the stream bank that Wyoming Refining had constructed to rectify an obvious seepage problem. This sump is located west of the treatment ponds and on "line" with the french drain system. This sump was constructed to collect liquid that was bypassing the french drain. (We were told that the tiles in the drain may have been broken during construction.) The sump was uncovered and liquid could be seen in the collection chamber. The pump was not running and I cannot account for where the liquid would go should the pump operate! The stream was being fed by a steady flowing seep at this point (volume unknown). We were inclined that this sump was not utilized currently since it did not work. The seep at the stream edge displayed a white precipitate in the area of stream entry. The downstream water sample was taken near this point.

The french drain system was not functioning properly. This was demonstrated by the discharge to Cambria Creek at the sump. The pumps at the sump and at the terminous of the french drain did not operate during our inspection at the refinery.

It was noted that there were numerous observation wells constructed in the area as part of their study for the EPA's RCRA requirements. One well was noted to indicate product. This was confirmed by Mr. Havener.

We also visited the facility's main evaporation pond which is located approximately 1/2 miles south of the plant. The pond site is on a topographic rise. An earthen dam was constructed across a portion of the natural drainageway creating the impoundment. The earthen dam had an abundant portion of rock rip rap covering the pond side of the dam breast. The dam itself displayed a sandy gravel type surface soil. On the downstream side of the dam (in the drainageway), is a stockpond approximately 200' (or less) from the dam. The stockpond is receiving water from overland flow emanating from the dam's toe of slope on the downstream site. This seepage appeared to be hydrologically related to the evaporation pond. This was not confirmed by the representative from Wyoming Refining Co. The evaporation ponds appeared to be unlined. The pond itself was not an apparent excavation. The dam was very long in comparison to the impoundment.

Conclusions:

Wyoming Refining Company's french drain system is not capturing all of the groundwater flowing into Cambria Creek. The condition of Cambria Creek is visually disgusting.

The evaporation pond's dam is leaking.

MB/nc

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-122R

TOWN OF SUNDANCE — COLE 3B WELL
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Sundance c/o Ralph Goodson
(Last) (First) (Middle)

Box 130

(Street or P.O. Box)

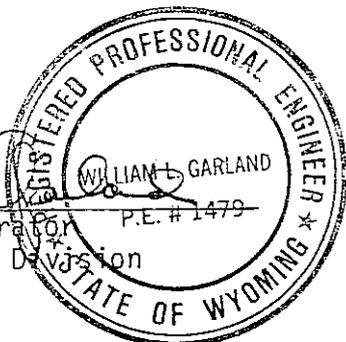
Sundance Crook Wyoming 82729
(City) (County) (State)

to construct, install, or modify a groundwater source
facility located in Section 25, T.52N., R.63W.
(Legal Description)

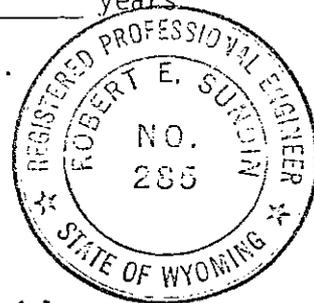
in the County of Crook, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



April 11, 1980
Date of Issuance

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

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-123

Sun Valley Addition, Fourteenth Filing
(Name of Facility)

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

City of Cheyenne

2101 O'Neil Avenue

Cheyenne, WY 82001

to construct, install, or modify a municipal water distribution and wastewater collection facility according to the procedures and conditions of the application No.

80-123. The facility is located in S 1/2 Section 35, T14N, R66W in the County of

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

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

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

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

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.

cc: BRW/Noblitt
1709 Carey Avenue
Cheyenne, WY 82001

M.
U.1-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-123

Sun Valley Addition, Fourteenth Filing
(Name of Facility)

This permit hereby authorizes the applicant:

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

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

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

to construct, install, or modify a municipal water distribution & wastewater collection
facility located in S $\frac{1}{2}$ Sec. 35, 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
 REGISTERED PROFESSIONAL ENGINEER
 WILLIAM L. GARLAND
 P.E. # 1479
 STATE OF WYOMING

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

March 31, 1980
Date of Issuance

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



March 5, 1982

Mr. Tom Norman
Wyoming Department of Environmental Quality
Water Quality Division
Cheyenne, Wyoming 82001

RE: Permit to Construct Water and
Sewer lines in Sun Valley
14th Filing, City of Cheyenne
Laramie County, Wyoming

Gentlemen:

We would like to request a two year extension of the permit
time on permit #80-123 on Sun Valley Addition 14th Filing, City
of Cheyenne, Laramie County, Wyoming.

Sincerely,

Dale M. Keizer
Dale M. Keizer

STK:s

Sun Valley Homes, Inc.

P. O. Box 22

Cheyenne, Wyoming 82001

cc: BRW/Noblitt
1709 Carey Avenue
Cheyenne, WY 82001

PERMIT TO CONSTRUCT

New

Permit No. 80-123

Renewal

Modified

Sun Valley Addition, Fourteenth Filing
(Name of Facility)

This permit hereby authorizes the applicant:

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

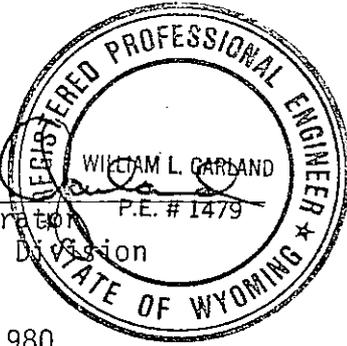
2101 O'Neil Avenue
(Street or P.O. Box)

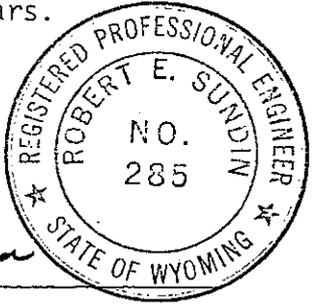
Cheyenne, WY 82001
(City) (County) (State)

to construct, install, or modify a municipal water distribution & wastewater collection
facility located in S½ Sec. 35, 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


March 31, 1980
Date of Issuance

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

cc: Ed Rate, Jr.
P.O. Box 930
Casper, WY 82602

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-124

Tim & Ken Scherer Warehouse
(Name of Facility)

This permit hereby authorizes the applicant:

Scherer, Tim and Ken
(Last) (First) (Middle)

954 Bretton Drive
(Street or P.O. Box)

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

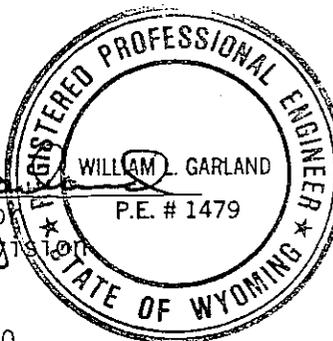
to construct, install, or modify a commercial, subsurface wastewater disposal
facility located in Lot 31, Hartraft Addition, S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 20, T34N, R79W
(Legal Description)

in the County of Natrona, in the State of

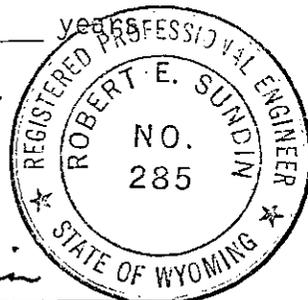
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



March 31, 1980
Date of Issuance

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

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

cc: Gray C. Wangelin
5024 Alcova Rt., Box 14
Casper, WY 82601

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-125

Neosho (A General Contractor)
(Name of Facility)

This permit hereby authorizes the applicant:

Stillwagon, Harry
(Last) (First) (Middle)

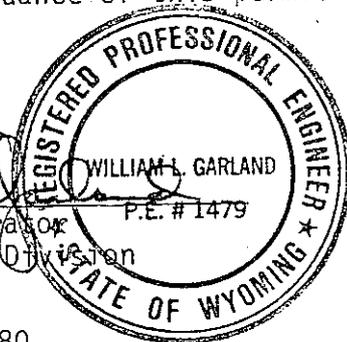
P.O. Drawer 2260
(Street or P.O. Box)

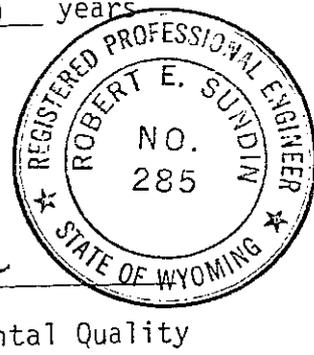
Mills, WY 82644
(City) (County) (State)

to construct, install, or modify a small, subsurface wastewater treatment
facility located in NW¼ NW¼ Sec. 29, T34N, R79W, Home Hills
(Legal Description)

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

AUTHORIZED BY:


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



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


March 31, 1980
Date of Issuance

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

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

rc: Wolff's Heating & Plumbing
Box 71
Spearfish, SD 57783

notes
5-28-80

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 80-126R

CUMMINS XL Inc.
(Name of Facility)

This permit hereby authorizes the applicant:

Energy Electric, Inc.
(Last) (First) (Middle)
c/o Ralph Goodson
Box 130
(Street or P.O. Box)
Sundance Crook Wyoming 82729
(City) (County) (State)

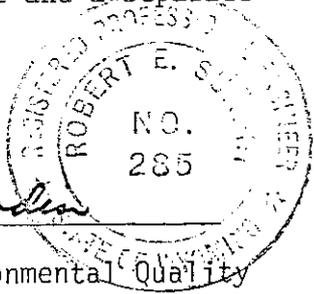
to construct, install, or modify a subsurface disposal system*
facility located in Section 9, T.50N., R.72W.
(Legal Description)

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

*This system includes a septic system for sanitary sewage treatment and a separate
leach system to treat supernatant from oil-grease separator.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division


Robert E. Sunders
Director
Wyoming Dept. of Environmental Quality


May 21, 1980
Date of Issuance

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

cc: Steve Behrens
URS Company, Inc.
3955 E. Exposition Ave.
Denver, CO 80209

4-30-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-127R

Waterline Between Adams & Washington Streets
(Name of Facility)

This permit hereby authorizes the applicant:

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

City Hall
(Street or P.O. Box)

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

to construct, install, or modify a municipal water distribution
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 J. Garland
REGISTERED PROFESSIONAL ENGINEER
WILLIAM J. GARLAND
P.E. #1479
Administrator
Water Quality Division
STATE OF WYOMING

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

April 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."

2-31-80

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXX~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: Six Inch Waterline Between Adams & Washington Streets, Carbon Co.
City of Rawlins

ARCHITECT OR ENGINEER: Steve Behrens, URS, 3955 E. Exposition Avenue, Denver,
CO 80209

WATER QUALITY DIVISION REFERENCE NUMBER: 80-127

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

DATE OF REVIEW: March 28, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Application for the Permit to Construct is not complete. Signature of applicant and completion of the design engineer information are required. Also, provide legal description and water capacity information.

cc: Colin Cunningham
Board of Public Utilities
200 N. David
Casper, WY 82601

4/180

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-128

Casper City Golf Course Watermain
(Name of Facility)

This permit hereby authorizes the applicant:

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

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

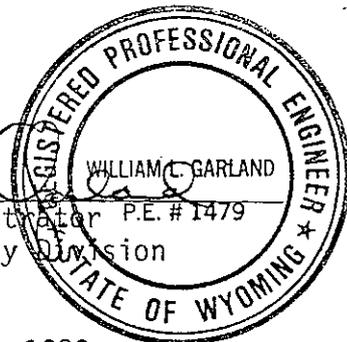
Casper, WY 82601
(City) (County) (State)

to construct, install, or modify a municipal water distribution
facility located in Sec. 16, T33N, R79W
(Legal Description)

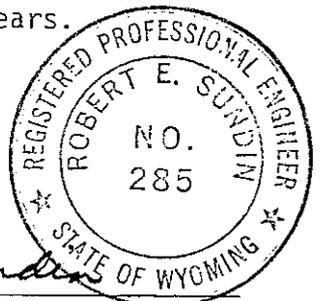
in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William C. Garland
 WILLIAM C. GARLAND
 Administrator P.E. # 1479
 Water Quality Division



Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality



March 31, 1980
Date of Issuance

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

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

PERMIT TO CONSTRUCT

11
417

New

Permit No. 80-129

Renewal

Modified

Riverside Addition & Pulte Site
(Name of Facility)

This permit hereby authorizes the applicant:

Carroll, Howard
(Last) (First) (Middle)

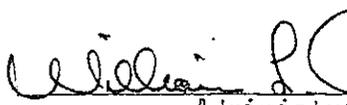
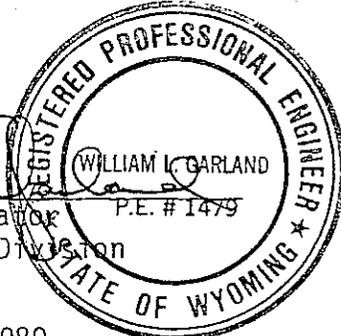
2103 Spring Creek Drive
(Street or P.O. Box)

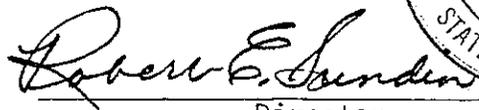
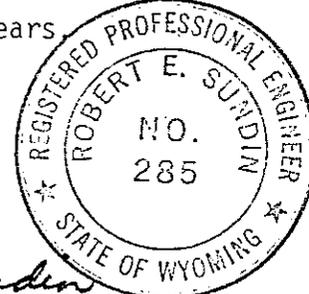
Laramie, WY 82070
(City) (County) (State)

to construct, install, or modify a municipal water distribution
facility located in Sections 29 & 32, T16N, R73W
(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:


Administrative
Water Quality Division



Director
Wyoming Dept. of Environmental Quality


March 31, 1980
Date of Issuance

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

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

107
4/1-80

PERMIT TO CONSTRUCT

New Permit No. 80-130
 Renewal
 Modified

Riverside Addition, Lot 2, Block 8
(Name of Facility)

This permit hereby authorizes the applicant:

Intermountain Leasing
(Last) (First) (Middle)

1221 South Clarkson
(Street or P.O. Box)

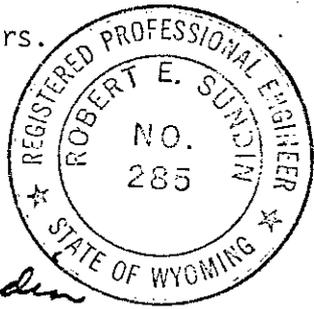
Denver, CO 80210
(City) (County) (State)

to construct, install, or modify a municipal water distribution & wastewater collection
facility located in SE¼, Sec. 29, T16N, R73W
(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. Sunden
Director
Wyoming Dept. of Environmental Quality


March 31, 1980
Date of Issuance

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



Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

October 9, 1980

Valley Market
P.O. Box 240
Thayne, WY 83127

Re: Valley Market Waste Disposal
System, DEQ #80-132R

Dear Mr. Dugdale:

This office has received your reply dated September 9, 1980 to our review letter dated April 4, 1980. Based on your reply and the plans submitted to this office, it appears that your system meets minimum State Standards. A "Permit to Construct" cannot be issued because the facility has already been built.

Please be advised that before any construction or modification of a public water supply or a waste disposal system can take place, a "Permit to Construct" must first be issued. If you should become involved in a similiar incident, in the future, it will be the recommendation of this office that a Notice of Violation be issued.

Respectfully,

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

Francis LaBarge
Water Quality Engineer
Southwest District

FL/kn

cc: Cheyenne DEQ/WQD

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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



PROJECT: Valley Market
Sec. 11, T 34N, R 119 W.
Lincoln County

ENGINEER: Lloyd B. Baker, P.E. Baker Engineers, Box 210, Thayne, Wyoming 83127

OWNER: Doris J. Dugdale
P.O. Box 240
Thayne, Wyoming 83127

WATER QUALITY DIVISION REFERENCE NUMBER: 80-132

REVIEWING ENGINEER: David W. Hill, P.E.

DATE OF REVIEW: April 4, 1980

ACTION: NOT AUTHORIZED.

COMMENTS:

- 1.) Leaching pits should not be used. Can a conventional leach field be placed in the area? Please elaborate.
- 2.) Supply pipe details (i.e. - material, size, installation, specification, etc.)
- 3.) The inlet and outlet piping to the septic tank should be schedule 40 plastic or cast iron to prevent cracking.
- 4.) Please indicate the distance from the well to the septic tank and the well to the leach field.
- 5.) How long have the two mobile homes with an on-site wastewater system been in place? A permit is needed from DEQ - WQD if these are proposed.

Mok
5-2-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-133R

Century West Subdivision, First Filing
(Name of Facility)

This permit hereby authorizes the applicant:

Federer Development Company
 c/o Roy S. Troyer - Agent: Edward Fermelia, P.E.

 (Last) (First) (Middle)

1124 Dunn Avenue
(Street or P.O. Box)

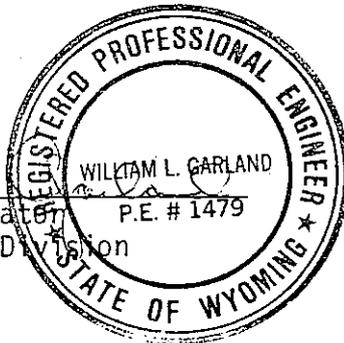
Cheyenne Wyoming 82001
 (City) (County) (State)

to construct, install, or modify a Sewer Line Extension
~~facility~~ located in Sec. 14, T19N, R.105W
 (Legal Description)

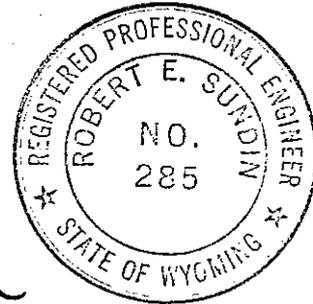
in the County of Sweetwater, in the State of
 Wyoming. This permit shall be effective for a period of 2 years
 from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
 Administrator
 Water Quality Division



Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality



April 25, 1980
 Date of Issuance

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

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: CENTURY WEST SUBDIVISION SEWER SYSTEM
Sec. 14, T., 19 N., R. 105 W.
Rock Springs, Sweetwater County

ENGINEER: Johnson-Fermelia & Crank, Inc.
P.O. Box 1633
Rock Springs, WY 82901 Att: Edward Fermelia, P.E.

OWNER: Federer Development Company
c/o Roy S. Troyer
1124 Dunn Avenue
Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 80-133

REVIEWING ENGINEER: *for*  DAVID W. HILL, P.E.

DATE OF REVIEW: March 26, 1980

ACTION: NOT AUTHORIZED.

COMMENTS:

1. Cleanouts may only be used if the distance from the last manhole is 150 feet or less. Otherwise manholes are needed at the end of lines, (i.e., Ponderosa Way Sheet 6 of 7).

Mod
4.30.80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-134R

Yellow Creek Estates Mobile Home Court
(Name of Facility)

This permit hereby authorizes the applicant:

Yellow Creek Estates (Agent: John A. Proffit, P. E.)
(Last) (First) (Middle)

Partnership No. 1

P. O. Box 746
(Street or P.O. Box)

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

to construct, install, or modify a Public water supply and Wastewater disposal systems
~~xxxxxxx~~ located in Sec. 6, T14N, R120W
(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:

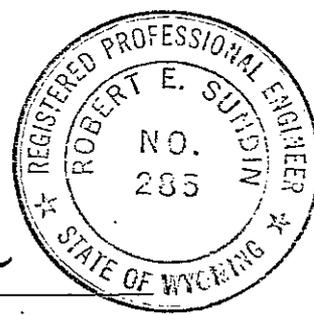
William L. Garland

Administrator
Water Quality Division



Robert E. Sundin

Director
Wyoming Dept. of Environmental Quality



April 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."

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: YELLOW CREEK ESTATES MOBILE HOME PARK
Sec. 6, T 14N., R. 120W., Uinta County

ENGINEER: Uinta Engineering & Surveying
P. O. Box 746
Evanston, WY 82930
ATTN: John A. Proffit, P.E.

OWNER: Yellow Creek Estates Partnership No. 1
P. O. Box 746
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 80-134

Suit
REVIEWING ENGINEER: David W. Hill, P.E.

DATE OF REVIEW: April 2, 1980

ACTION: NOT AUTHORIZED.

COMMENTS:



WATER SYSTEM

1. It would be appreciated if you could send in an overview of the water system layout. An overview showing water, sewer, and contour lines is very confusing especially in a project of this magnitude. It was noticed that the overview often does not agree with the more detailed sheets.
2. Are there any high points in the water system layout requiring air valves?
3. The cover letter and the specifications indicate the wells can produce 200 gpm. Page 28 of 28 indicates a yield of 50 gpm. Which is correct?
4. The ground surface should drain away from the well sites. Provide details.
5. Casing vents are needed for the wells.
6. Please indicate drop pipe material and specifications.
7. Please submit more details of the pitless adaptor. (i.e. - manufacturers information etc.)
8. The storage tank must have provisions for isolation. A valve is needed to isolate the tank.

- Detailed storage tank disinfection specifications are needed.

SEWER SYSTEM

- Sheet 3 of 28 indicates Line MH. 5-A to MH. 5-B is an eight inch line. Sheet 6 of 28 indicates it is a ten inch line. Which is it?
- Is it possible to obtain more grade in the sewer from MH. 5-A to M.H. 5-E? A smaller line should be used if possible. My calculations indicate an adequate scouring velocity is not possible in this ten inch line at average or even peak flows.
- I question the line sizing from MH. 2-B to about M.H. 3-D and also the outfall line. These sizes meet the 1973 Ten State Standards but not the 1978 requirements. Please elaborate.
- The influent to the first cell should be extended further from the bank to prevent sludge buildup near the bank.
- The chlorine cylinder needs restraining.
- The contact chamber must be designed for a 15 minute detention time at peak hour flow. Is it?
- Chlorine mixing details are needed. Also please submit diffuser details.
- A self contained breathing apparatus is recommended for the chlorine building rather than a gas mask.

Enclosure - 1978 Ten State Sewer Standards

xc: Centennial Engineering
237 North Main
Sheridan, WY 82801
(Attn: Tom Barker)

m to s
b-15-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-135R

MOUNTAIN VIEW APARTMENTS
(Name of Facility)

This permit hereby authorizes the applicant:

C & G Transcontinental Co.
(Last) (First) (Middle)

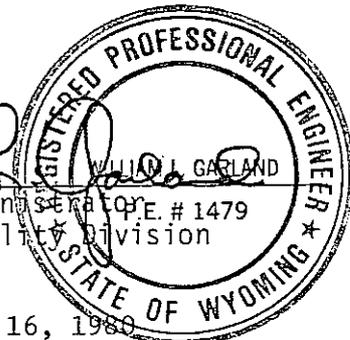
P.O. Box 43570
(Street or P.O. Box)

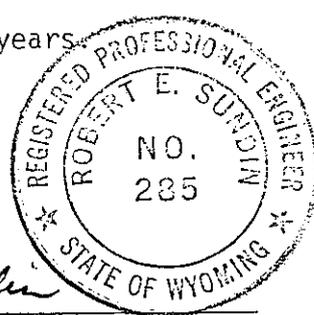
St. Paul, Minnesota 55164
(City) (County) (State)

to construct, install, or modify a water distribution and sewage collection
facility located in Section 3, T.55N., R.84W.
(Legal Description)

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

AUTHORIZED BY:

William L. Garland

 WILLIAM L. GARLAND
 Administrative # 1479
 Water Quality Division

Robert E. Sundin

 Director
 Wyoming Dept. of Environmental Quality

June 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: Douglas Stovall
2840 S. Vallejo St.
Gingery Assoc., Inc.
Englewood, CO 80110

M/S
5-2-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-136R

Ranchero Subdivision Filing No. 1 - Wright, Wyoming
Latigo Hills Filing No. 2
(Name of Facility)

This permit hereby authorizes the applicant:

Housing Services, Inc. c/o Bob Watts
(Last) (First) (Middle)

555 17th St. 19th Floor, Anaconda Towers
(Street or P.O. Box)

Denver CO 80217
(City) (County) (State)

to construct, install, or modify a water distribution and sewage collection
facility located in Section 27 and 34, T.44N., R.72W.
(Legal Description)

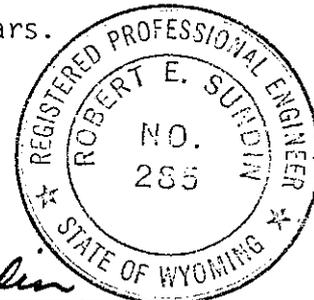
in the County of Campbell, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



April 29, 1980
Date of Issuance

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

cc: Johnson, Fermelia & Crank
Box 631
Kemmerer, WY 83101

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-137
 Ref. No. 76-384R
 EPA C560105-03

City of Rock Springs - Wastewater Treatment Plant
 (Name of Facility)

This permit hereby authorizes the applicant:

City of Rock Springs
 (Last) (First) (Middle)

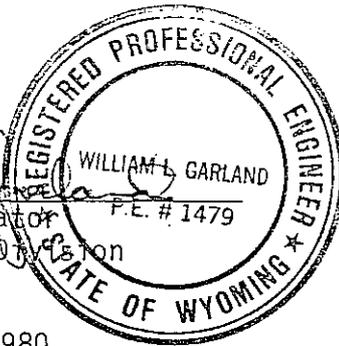
P.O. Box 1030
 (Street or P.O. Box)

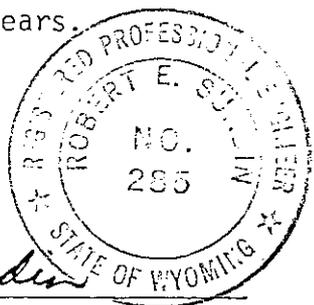
Rock Springs, WY 82901
 (City) (County) (State)

to construct, install, or modify a wastewater treatment plant (refer to Change Order No. 10)
 facility located in the City of Rock Springs
 (Legal Description)

in the County of Sweetwater, 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. Sinden
 Director
 Wyoming Dept. of Environmental Quality


April 11, 1980
 Date of Issuance

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

cc: Clinton Cator
Cator/Ruma & Associates
1550 Dover
Lakewood, CO 80215

PERMIT TO CONSTRUCT

M
7-10 80

- New
- Renewal
- Modified

Permit No. 80-138RRR

SEE ATTACHED CONDITIONS

Smith Energy Services
(Name of Facility)

This permit hereby authorizes the applicant:

Smith Energy Services

(Last) (First) (Middle)

c/o Craftsmen Construction Company
5660 South Syracuse Circle

(Street or P.O. Box)

Englewood, CO 80111

(City) (County) (State)

to construct, install, or modify a public water supply & commercial, subsurface and evaporative wastewater disposal facility located in Sec. 34, T34N, R80W (Legal Description)

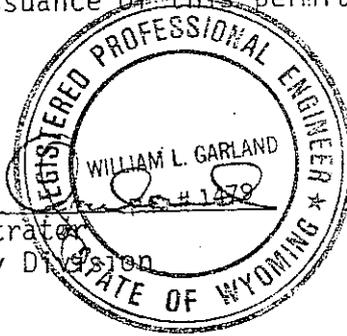
in the County of Natrona, in the State of

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

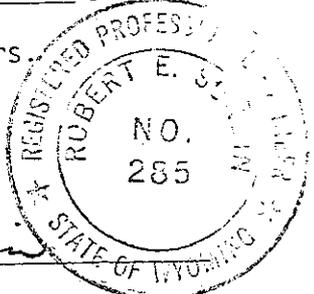
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
 Administrator
 Water Quality Division
 STATE OF WYOMING



Robert E. Sinden
 Director
 Wyoming Dept. of Environmental Quality



July 2, 1980
Date of Issuance

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

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

SPECIAL PERMIT CONDITIONS
SMITH ENERGY SERVICES
PERMIT NO. 80-138RRR

1. The concentration of the solvent used in washing vehicles shall not exceed the manufacturer's recommendation.
2. The wash water pond will not be used to dispose of wastewater other than that identified in the application.
3. The applicant shall immediately provide notification to the Water Quality Division of the monitoring well construction completion. Disposal into the pond will not begin until the Water Quality Division has obtained a representative water sample from the monitoring well.
4. In the event that the monitoring well indicates contamination, the applicant will be required to drill one or more additional monitoring wells to determine the extent of groundwater contamination.

11
4-3-80

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: District Office & Service Facility for Smith Energy Services,
Natrona Co.

ARCHITECT OR ENGINEER: Cator/Ruma & Associates, 1550 Dover, Lakewood, CO 80215

WATER QUALITY DIVISION REFERENCE NUMBER: 80-138

REVIEWING ENGINEER: Frank R. Harman, M.S., P.E. *Frank R. Harman*

DATE OF REVIEW: March 27, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. Submit design calculations to show how the septic tank capacity of 2750 gallons was arrived at. Indicate the number of persons expected to be employed and sewage loading.
2. Also submit design calculations on how the size of the holding pond was computed as compared to hydraulic loading. Give capacity and size of holding pond as it was not indicated.
3. Submit design calculations on how the length and size of leach field was arrived at. Give total length of leach field.
4. Ends of leach lines should be tied together for more efficient functioning.
5. All ponds must have support data submitted from guidelines (copy enclosed). Provide construction detail.
6. Groundwater depth of 6'-9' may be too near the surface for a leach field. Clarify the design to ensure 4 foot separation between bottom of field and groundwater table.
7. Contact EPA in Denver at 303-837-3880 concerning an application for their Spill Prevention Control and Countermeasure (SPCC) Plan.
8. Since water supply is from City of Casper, submit a letter from the City verifying that they can provide water at minimum pressure of 20 psi under all conditions of flow.
9. Open jointed sewer pipe is not authorized for absorption (leach) field. Must be 4 inch perforated pipe.

80-139



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

30 EAST GRINNELL

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6488

May 7, 1980

Ms. Barbara Scott
S & R Land Company
523 West 27th
Cheyenne, Wyoming 82001

Dear Barbara:

I am returning with this letter the Western Gas Processors' applications for septic tank facilities at their mobile home park in Campbell County. Since a decision has been made to provide a separate septic system for each lot, this office will not take any action on the applications. Currently, such applications and systems in Campbell County are approved by the county sanitarian's office. I will consider this matter resolved at such time as the sanitarian approves the installation.

Regarding the water supply, from our phone discussions and the information you have supplied, it appears that this is not a Public Water Supply as defined by State Law. If ten (10) or more service connections are ever made to the supply, this would cease to be the case. But at this time, this Division has no jurisdiction over the water supply.

Thank you very much for your cooperation in this matter.

Yours truly,

Tom Mueller

Tom Mueller
District Supervisor

TM/lis

Enclosures

xc: Campbell County Sanitarian's Office
Bess Tarbuck, Water Quality Division
Campbell County File

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-140

FORT UNION COAL MINE — OFFICE BUILDING
(Name of Facility)

This permit hereby authorizes the applicant:

Fort Union Coal Mine Attn: Stuart R. Felde
(Last) (First) (Middle)

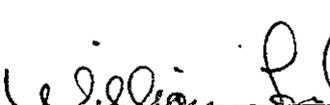
Box 2737
(Street or P.O. Box)

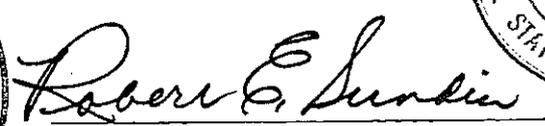
Gillette Campbell Wyoming 82716
(City) (County) (State)

to construct, install, or modify a subsurface disposal
facility located in Section 32, T.51N., 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:


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


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

April 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."

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-141

Amtrak Passenger Facilities - Borie
(Name of Facility)

This permit hereby authorizes the applicant:

Union Pacific Railroad

(Last) (First) (Middle)

121 West 15th Street

(Street or P.O. Box)

Cheyenne,

WY 82001

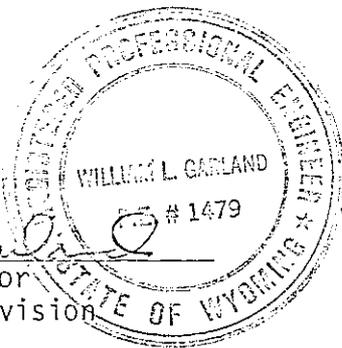
(City) (County) (State)

to construct, install, or modify a sewage subsurface disposal system
facility located in Sec. 15, T13N, R68W
(Legal Description)

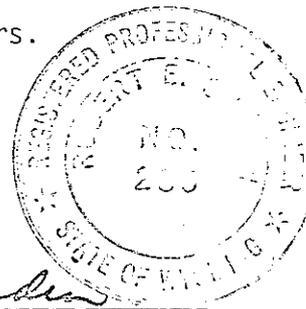
in the County of Laramie, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sunders
Director
Wyoming Dept. of Environmental Quality



March 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."



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 5, 1985

Mr. Harold Selby
1028 East F. Street
Casper, WY 82601

RE: DEQ/WQD Ref. No. 80-142, Selby Mobile Home Park

Dear Mr. Selby:

Your application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct process.

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

Sincerely,

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

William L. Garland
Administrator

WLG/CGN/nc



Department of Environmental Quality

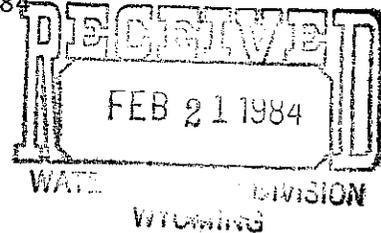
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 13, 1984



✓ Mr. Harold Selby
1028 East F. Street
Casper, WY 82601

Dear Mr. Selby:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name:	Selby Mobile Home Park, Section A
DEQ/WQD Reference Number:	80-142
Engineering Consultant:	Patterson/Webber & Associates
DEQ/WQD Reviewing Engineer:	LeRoy C. Feusner
Date of DEQ/WQD Review:	April 24, 1980

Please indicate below the status of your application and return this form to our office:

The application will not be resubmitted as the proposed project has been cancelled.

The application will be resubmitted within 30 days.

The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.

Other remarks *About the time of our application interest rates went higher than we could afford. We hope to re-apply later this year. Thank you.*

Harold Selby

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division reviewing engineer receives this information within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,



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

cc: Patterson/Webber & Associates
437 South Spruce
Casper, WY 82601

M
J 26 80

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXX~~ 401 West 19th St.
Cheyenne, Wyoming 82002

PROJECT: Selby Mobile Home Park, Section A, Natrona Co.

ARCHITECT OR ENGINEER: Patterson/Weber & Associates, 437 South Spruce,
Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 80-142

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

DATE OF REVIEW: April 24, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. What is the source of drinking water? If drinking water is being supplied by a public utility company/district, provide a letter from them indicating that the utility can supply at least 350 gallons/day/mobile home at a minimum pressure of 20 psi under all conditions of flow. If a new water source (well) is being developed, provide plans and documentation for well construction/water quality. What will be the water pressure in the mobile home park?

cc: Russell Donley
Western Engineers
501 N. Sun Drive
Casper, WY 82601

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-143

Frazier Construction & Development Company
(Name of Facility)

This permit hereby authorizes the applicant:

Frazier, Bill
(Last) (First) (Middle)
111 North 1540 East
(Street or P.O. Box)
Springville, UT 84663
(City) (County) (State)

to construct, install, or modify a small subsurface wastewater disposal
facility located in S35, T34N, R79W
(Legal Description)

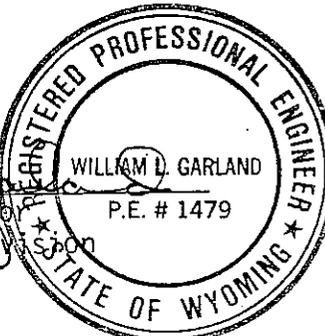
in the County of Natrona, in the State of

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

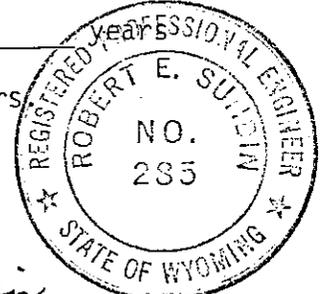
from the date of issuance of this permit not to exceed five (5) years

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sardin
Director
Wyoming Dept. of Environmental Quality



April 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."

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

cc: B. F. Cronin
Global Engineering & Land Surveying, Inc.
P.O. Box 532
Casper, WY 82602

PERMIT TO CONSTRUCT

10
4-14-80

New

Permit No. 80-144

Renewal

Modified

Water Line Tie Across I-25
(Name of Facility)

This permit hereby authorizes the applicant:

North Platte Water & Sewer District
(Last) (First) (Middle)

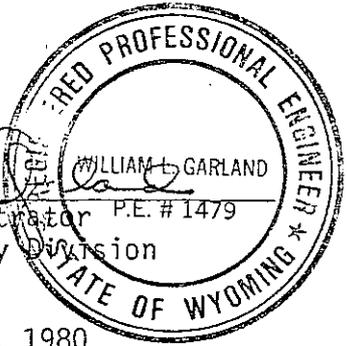
P.O. Box 1488
(Street or P.O. Box)

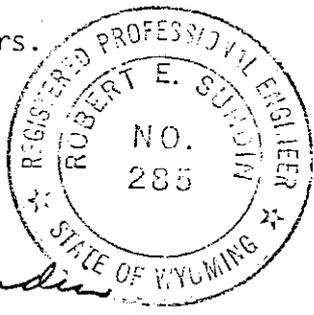
Casper, WY 82602
(City) (County) (State)

to construct, install, or modify a commercial water distribution system
facility located in Sec. 4, T33N, R79W
(Legal Description)

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

AUTHORIZED BY:

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


Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality


April 14, 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 30

- New
- Renewal
- Modified

Permit No. 80-145R

Sam's Drilling Company Wastewater Disposal System
(Name of Facility)

This permit hereby authorizes the applicant:

Sam's Drilling Company
(Last) (First) (Middle)

P. O. Box 158
(Street or P.O. Box)

Wamsutter WY 82336
(City) (County) (State)

to construct, install, or modify a Septic tanks/large leach field
facility located in SE 1/4 Section 34, T. 20N., R. 94W.
(Legal Description)

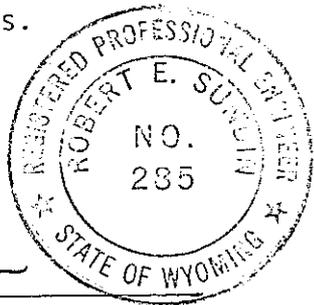
in the County of Sweetwater, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division
STATE OF WYOMING



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."

80-145

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3047 ³¹⁴⁴

April 18, 1980

Gray C. Wangelin
P. O. Box 4075
Casper, WY 82604

RE: Review of Engineering Plans and Specifications for issuance of a "Permit to Construct".

Dear Sir:

This office has recently received engineering plans and specifications for a project located in the Southwest District. Since we currently do not have any engineering positions filled for this region, this letter is to request your patience in waiting to receive our departmental reply for your submittal.

Because of the limited staff in the Lander office and until we are able to hire new employees, I will try to review your projects as soon as time permits. Hopefully, this undesirable arrangement will be for only a short period of time.

Again, your cooperation and understanding in this matter will be greatly appreciated.

Respectfully,

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

✓ cc: Bill Garland, Administrator Water Quality Division



REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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



PROJECT: Sam's Drilling Company Wastewater Disposal System

ENGINEER: Gray C. Wangelin, P.E.
2100 West Odell
Casper, WY 82601

OWNER: Sam's Drilling Company
P.O. Box 158
Wamsutter, WY 82336

WATER QUALITY DIVISION REFERENCE NUMBER: 80-145

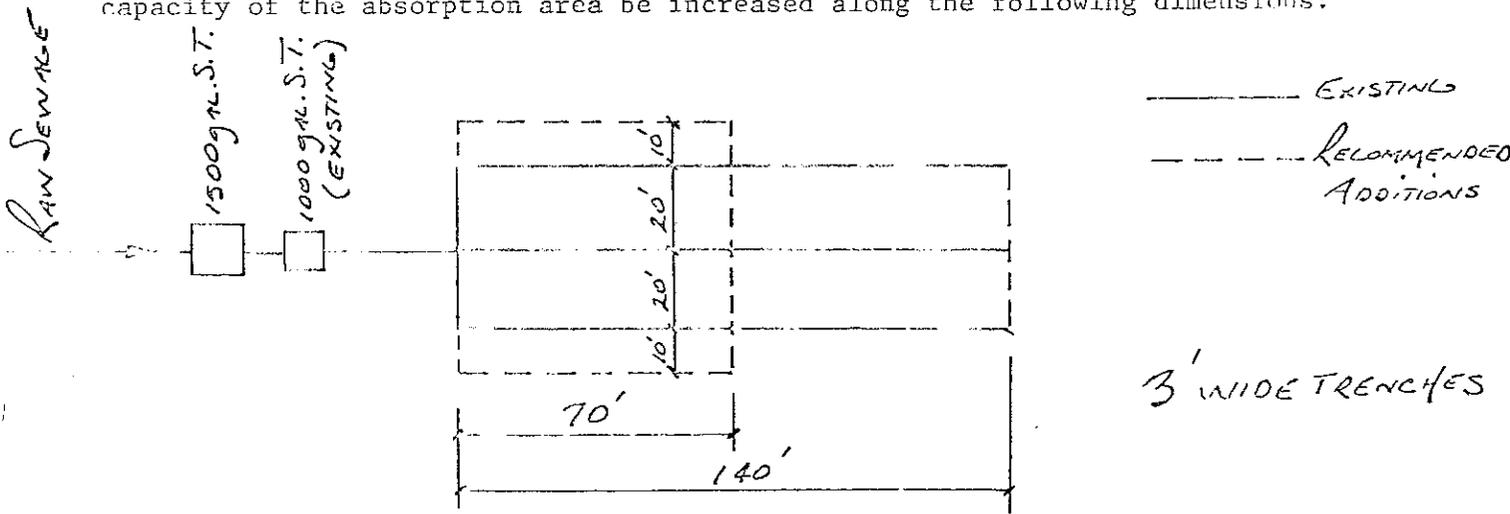
REVIEWING ENGINEER: M. Robin Collins, P.E. *M. Robin Collins*

DATE OF REVIEW: May 20, 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. Cleanouts should be provided where the mobile homes' sewer line and the shop's sewer line intersect the main sewer line which runs directly toward the septic tank.
2. The capacity of the septic tank should be increased to at least 2500 gallons. An additional 1500 gallon tank in series with the 1000 gallon septic tank would be acceptable.
3. The size of the existing leach field is not large enough. Recommend the capacity of the absorption area be increased along the following dimensions:



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

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

MRC/kn

cc: Keith Neustel
Plains Engineering
Box 432
Buffalo, WY 82834

J&R Enterprises
Box 946
Buffalo, WY 82834

PERMIT TO CONSTRUCT

New Permit No. 80-146
 Renewal
 Modified

WEEDEN MOBILE HOME SALES OFFICE
(Name of Facility)

This permit hereby authorizes the applicant:

Baumgartner Tim
(Last) (First) (Middle)

Route 1, Box 13C
(Street or P.O. Box)

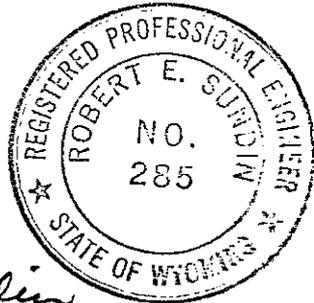
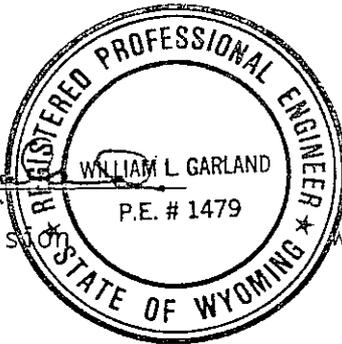
Buffalo Johnson Wyoming 82834
(City) (County) (State)

to construct, install, or modify a subsurface sewage disposal
facility located in Section 26, T.51N., 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 Robert E. Sundin
Administrator Director
Water Quality Division Wyoming Dept. of Environmental Quality



April 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."

cc: Ronald Nelson
Nelson, Melivs & Assoc.
100 W. B St.
Casper, WY 82601

PERMIT TO CONSTRUCT

New Permit No. 80-147RR
 Renewal
 Modified

Nalco Chemical Company - Evansville Facility
(Name of Facility)

This permit hereby authorizes the applicant:

Odland, Karsten
(Last) (First) (Middle)

c/o Nalco Chemical Co.
2901 Butterfield Rd.
(Street or P.O. Box)

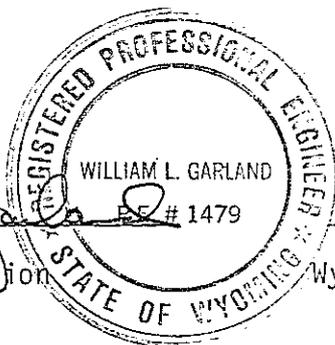
Oak Brook, IL 60521
(City) (County) (State)

to construct, install, or modify an industrial wastewater disposal
facility located in Sec. 1, T33N, R79W
(Legal Description)

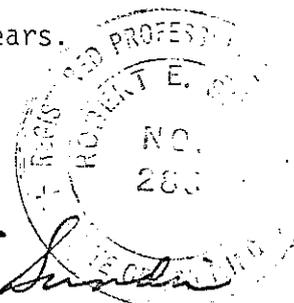
in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sunda
Director
Wyoming Dept. of Environmental Quality



June 25, 1980
Date of Issuance

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

1A
5-1 80

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

XXXXXXXXXXXXXXXXXXXXXXXXXXXX 401 W. 19th St.

State Office Building
Cheyenne, Wyoming 82002 Equality State Bank Bldg.

PROJECT: Nalco Chemical Company, Evansville Facility, Natrona Co.

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

WATER QUALITY DIVISION REFERENCE NUMBER: 80-147

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

DATE OF REVIEW: April 28, 1980

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Provide a letter from the public water utility indicating that they have the capacity to provide potable drinking water to Nalco Chemical Company at a minimum pressure of 20 psi under all conditions of flow.
2. Where does the evaporation pond spray header/lawn sprinkler system drain empty into?
3. What is the depth to groundwater under the evaporation pond?
4. What is the final disposition of the separated oils from the treatment tank?
5. What is the final disposition for the sludge in the bottom of the tank? Provide documentation or a letter from a public utility or disposal firm concerning the final resting place for this material.
6. The design for the leak detection system is unacceptable. The clay liner must not be penetrated by the detection system. We would like to see a system somewhat like the following: Four inch perforated pipe (such as leach field pipe with the perforations on the upper half of the pipe) placed in gravel collection beds about 3-6 inches below the clay liner. Two rows of pipe equally spaced under the length of the pond and three rows equally spaced under the width of the pond. These pipes would then be manifolded into a single manhole for sample collection. The perforated pipe could then detect any leak under the concrete pond liner. It would not be necessary to slope contour the concrete liner to the pond center as originally shown.

Nalco Chemical Company
DEQ/WQD Ref. No. 80-147
April 28, 1980
Page two

7. Provide results of the soils study to support your land application of the wastewater. Indicate depth to groundwater and quality of groundwater.
8. What would be the duration of the wastewater application to the yard, i.e., frequency of watering and rate of application.
9. I am still not sure what the wastewater characteristics will be in the pond. Provide a tabular listing of the sources of wastewater and general chemical composition for the wastewater entering the pond.

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

11/10 83

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 80-148

Hodder Park Addition Water & Sewer Mains
(Name of Facility)

This permit hereby authorizes the applicant:

Casper Board of Public Utilities
 (Last) (First) (Middle)
200 North David
 (Street or P.O. Box)
Casper, WY 82601
 (City) (County) (State)

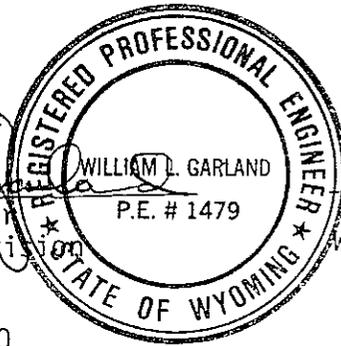
to construct, install, or modify a municipal water distribution & wastewater collection
facility located in Sec. 1, T33N, R79W, Hodder Park, Legion Lane & Walsh Drive
(Legal Description)

in the County of Natrona, in the State of

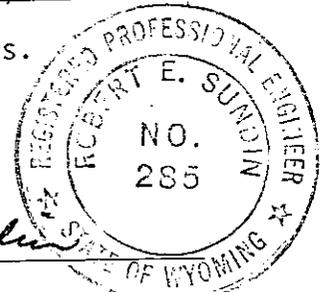
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



April 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."

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

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

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 80-149

Garden Creek Mall Addition
(Name of Facility)

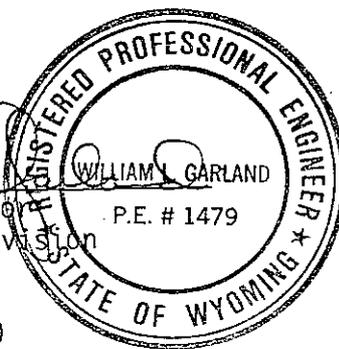
This permit hereby authorizes the applicant:

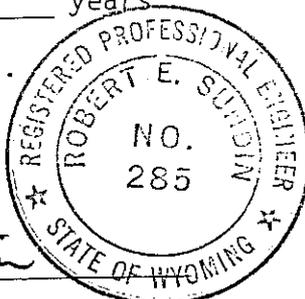
Board of Public Utilities
(Last) (First) (Middle)
250 N. David
(Street or P.O. Box)
Casper, WY 82601
(City) (County) (State)

to construct, install, or modify a municipal water distribution and wastewater collection
facility located in Sec. 28 and 29, T33N, R79W
(Legal Description)

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

AUTHORIZED BY:

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


Robert E. Sordin
Director
Wyoming Dept. of Environmental Quality


April 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."

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. 80-150

Lovell's Water System Improvements - Phase III
(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)

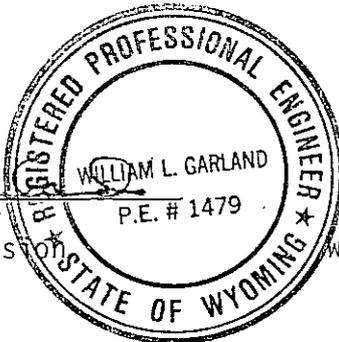
Lovell, Wyoming 82431
(City) (County) (State)

to construct, install, or modify Water mains (3,135 ft., 10-inch, 2,800 ft., 14-inch)
~~XXXXXXXX~~ located in Sec. 15, T56N, R96W
(Legal Description)

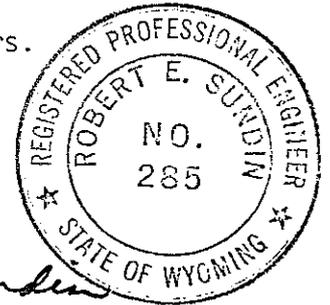
in the County of Big Horn, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sunden
Director
Wyoming Dept. of Environmental Quality



April 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."