

PERMIT TO CONSTRUCT

mailed
12/5/78

- New
- Renewal
- Modified

Permit No. 78-651

Melodi Lane - Hartranft Subd.
(Name of Facility)

This permit hereby authorizes the applicant:

Bates	Richard	A.
(Last)	(First)	(Middle)
<u>P. O. Box 1421</u>		
(Street or P.O. Box)		
Mills	Natrona	Wyoming 82601
(City)	(County)	(State)

to construct, install, or modify a Water Distribution

facility located in Section 29, T34N, R79W
(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. Gabel
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

November 27, 1978

Date of Issuance

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

mailed to S.
3/7/79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-652R

EAGLE BUTTE MINE, NPDES #006 RESERVOIR
(Name of Facility)

This permit hereby authorizes the applicant:

AMAX Coal Company

(Last) (First) (Middle)

Attention: Mike Brown

P.O. Box 3005

(Street or P.O. Box)

Gillette

Campbell

82716

(City) (County) (State)

to construct, install, or modify a mine wastewater pond

facility located in Section 21, T.51N., R.72W.
(Legal Description)

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

AUTHORIZED BY:

William L. Galand
Administrator
Water Quality Division

Robert E. Lunden
Director
Wyoming Dept. of Environmental Quality

March 5, 1979
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."

mailed
11/29/78

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: 1978 Eagle Butte Mine, NPDES #006 Reservoir (78-652)
1978 Eagle Butte Mine, Sediment Trap 6 Reservoir (78-690)

ARCHITECT OR ENGINEER: AMAX Coal Co., ATTN: Ted Terrel, Energy Technical Center
P. O. Box 3005, Gillette, WY 82716

WATER QUALITY DIVISION REFERENCE NUMBER: 78-652, 78-690

REVIEWING ENGINEER: Dan H. Kim, ^{DK} Jake Strohman, P.E.

DATE OF REVIEW: 11/29/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The plans & specifications must carry the signature or seal of the registered engineer in Wyoming.
2. The application for discharge permit for the proposed NPDES #006 Reservoir must be filed to Permit Section of our office. Please complete the NPDES application form and return two copies to Mr. John Wagner of our office.
3. Also enclosed are "Guidelines for Wastewater Pond Construction permit applications." All applicable information listed in the guidelines must be submitted for the discharging pond. (i.e. wastewater characteristics including chemical analysis, soil profiles noting groundwater depths, seepage rates, etc.)
4. Soil classification data for the earth fill & compaction specifications for the dam fill & dikes are needed.
5. Will seepage collars be needed on the CMP outlet pipes?
6. Flow measuring device is not shown on the plans.
7. Do the spillways for both ponds, designed on the basis of the 10 yr.-24 hr. storm event meet the requirements of Land Quality Division of DEQ? Please clear this up with LQD.
8. Please discuss how to draw off supernatant within 10 to 15 days after a storm from the runoff settling ponds.

This cannot be considered a final review.

mailed
12/5/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-653

First United Methodist Church
(Name of Facility)

This permit hereby authorizes the applicant:

First United Methodist Church
(Last) (First) (Middle)

6th Street and Buffalo
(Street or P.O. Box)

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

to construct, install, or modify a Water Distribution & Sewage Collection facility located in Section 8, T21N, R87W
(Legal Description)

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

Authorized by:

William L. Galand
Administrator
Water Quality Division

Robert E. Surdin
Director
Wyoming Dept. of Environmental Quality

November 27, 1978
Date of Issuance

Mailed 5-4-79

PERMIT TO CONSTRUCT

New

Permit No. 78-654RR

Renewal

Modified

Ernie Johnson's Trailer Park, Phase II

(Name of Facility)

This permit hereby authorizes the applicant:

Johnson

E.

A.

(Last)

(First)

(Middle)

P.O. Box 1111

(Street or P.O. Box)

Douglas,

Converse,

Wyoming 82633

(City)

(County)

(State)

to construct, install, or modify a mobile home park water and sewage system

facility located in Sec. 34, T33N, R71W

(Legal Description)

in the County of Converse, in the State of

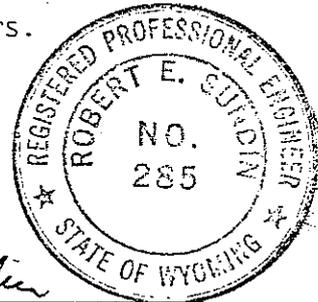
Wyoming. This permit shall be effective for a period of two years

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. Gurdin
Director
Wyoming Dept. of Environmental Quality



May 3, 1979

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: Chuck Higgins, Converse County Sanitarian, P.O. Box 1303, Douglas, Wyoming 82633

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Ernie Johnson's Trailer Court, Phase II, Douglas, Wyoming, Converse County

ARCHITECT OR ENGINEER: James R. Graves, 3100 E. Sinclair Place, Casper, Wyo. 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 78-654RR

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, M.S., P.E.

DATE OF REVIEW: May 3, 1979

ACTION: CONSTRUCTION AUTHORIZED (SEE COMMENT)

COMMENTS:

Install the pressure system (to serve Phase I) which was omitted from the original "authorized construction" in 1976 without the knowledge or permission of this Division. This design of this system as set forth in plans bearing Water Quality Division Reference number 76-6 consists essentially of the following:

"Housed 500 gallon pressure tank with bypass piping and 1 H.P. booster pump preset 35-45 psi."

cc: Chuck Higgins
Converse County Sanitarian
P.O. Box 1303
Douglas, Wyoming 82633

Mailed
4-16-79

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Ernie Johnson's Trailer Court, Phase II
Douglas, Wyoming, Converse County

ARCHITECT OR ENGINEER: James R. Graves
3100 E. Sinclair Pl., Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 78-654R

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, M.S., P.E.,

DATE OF REVIEW: April 11, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Sewage System

1. Does the maximum groundwater level come within 4 feet vertically from the bottom of the seepage bed at anytime during the 4 seasons?
2. Specify a minimum horizontal separation of 10 feet between all water and sewer lines.

Note: The sewer line serving lots 20 and 21 appears to be less than 10 feet from the water line at least for part of its length.
3. The cast iron or schedule 40 PVC pipe shall extend at least 5 feet from the inlet and outlet of the septic tank.
4. Specify a minimum horizontal separation of 5 feet between all water and sewer risers.
5. For most efficient utilization of drain field area, the lines for distributing effluent should be spaced not greater than 6 feet apart.

Note: Calculation of the required drain field area should be based on a daily sewage volume of at least 350 gallons per mobile home and the average percolation rate obtained from the six test holes uniformly spaced and at the depth of the proposed seepage bed. However, the seepage bed provided is large enough because of over-sizing. Six rather than ten foot spacing between distribution lines would leave more space for any necessary enlargement required due to failure of the drain field such as occurred at the original field in May, 1978.

Water System

1. Specify the following in connection with the new well:
 - a. Grout in a water-tight manner to a depth of at least 10 feet below the bottom of the well pit.
 - b. The ground surface at the well shall slope away from the well in all directions so there will be no ponding within 50 feet of the well.
 - c. A minimum capacity of 8 gallons per minute to supply 30 mobile home units with 350 gallon each per day.
 - d. Chemical and bacteriological analyses of water from the well shall be submitted to this Division prior to placing the well into service.
 - e. Diameter, material of construction and weight or quality of well casing.
2. Specify the capacity of each booster pump at the expected discharge pressure.
Note: Required to be in the range of 50 to 80 gallons per minute (see Section 2.8d, Appendix A, Chapter III, Wyoming Water Quality Rules and Regulations).
3. Specify the minimum cover of over water lines.
4. Installation of electrical equipment shall conform with applicable State and local codes and the National Electrical Code.

cc: Chuck Higgins, Converse County Sanitarian, P.O. Box 1303, County Courthouse,
Douglas, Wyoming 82633

mailed
1/8/79

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Ernie Johnson's Trailer Court, Phase II, Douglas, WY - Converse County

ARCHITECT OR ENGINEER: James R. Graves, 3100 E. Sinclair Place, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 78-654

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, P.E., Jake Strohman, P.E.

DATE OF REVIEW: 12/11/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Sewage System

1. Since the drainfield for the existing septic system experienced a "back-up" in May '78, consideration should be given at this time to any necessary enlargement of this system and the availability of suitable land for enlargement.
2. Provide the following in connection with the septic tank:
 - a. Locate the access manholes over the inlet and outlet.
 - b. Specify a liquid depth of 5 feet.
 - c. Specify thickness of walls, cover, and bottom.
 - d. Provide the specifications for the concrete.
 - e. Provide substantial covers for the access manholes.
3. Submit the basis of design for the drainfield size. This should include the results of at least 6 percolation tests conducted on soil in the proposed drainfield area and calculation of the required length of tile drainfield to dispose of the sewage liquid volume expected from the trailer addition. Also, indicate the percolation test procedure used.
4. Indicate width of drainfield trenches.
5. Eliminate the alternative of "or hay" under "construction" (of drainfield) on page 5 of the specifications.
6. Does the maximum groundwater level come within 4 feet of the bottom of the proposed drainfield trenches at anytime during the 4 seasons?
7. The plastic sewer lines which connect each trailer to the collection system may be ASTM 2729. However, the sewage collection lines shall be in compliance with ASTM D3033 or D3034.

8. All sewers which serve two or more trailers are part of the sewage collection system and shall be provided with manholes at all changes in grade and/or alignment. For runs less than 150 feet in length the upper ends may be provided with lampholes or cleanouts.
9. Specify that the maximum infiltration or exfiltration shall not exceed 200 gallons per inch of pipe diameter per mile per day.
10. Specify that the maximum vertical deflection of any sewer pipe due to ovalation shall not exceed 5% of the internal pipe diameter.
11. Provide for a water tight connection between each sewer riser and the trailer sanitary drain. (A sketch of a suggested design of "Sewer Service Connection" is enclosed). The cleanout on the riser shown on the plans is not required.
12. For most effective distribution of the liquid sewage over the drainfield locate the distribution tubes $37\frac{1}{2}$ feet on opposite sides of the longitudinal center line of the tank extended.
13. A drop type manhole is required for MH-4. Send details & specifications.

Water System

1. The new well shall be located at least 50 feet from all sewer lines, present and future, and 100 feet from any leaching field. NOTE: The well location indicated near the property line is not entirely satisfactory because of possible future installation of sewerage facilities too close to the well on adjoining property.
2. Show the location of the existing well on the plan.
3. The property around the existing well shall be protected from contamination for the same distances as outlined for the new well in comment "1" above.
4. The new well shall be grouted to a depth of at least 10 feet.
5. Extend the well casing vent tube to a point at least one foot above ground level and screen the open end.
6. Submit the following information:
 - a. Depth of well and diameter of well casing.
 - b. Chemical and bacteriological analyses of the well water.
7. Correct the discrepancy between designation of "2 inch water main on the 'typical trailer space' and the '4 inch water line' shown on the plot plan of the park."
8. Provide valves at various locations on the water distribution system to prevent the entire park from being without water when a line breaks.

9. All water lines shall be pressure tested to a minimum of $1\frac{1}{2}$ times operating pressure prior to burial.
10. The Thermaline water service risers shall be protected by a concrete apron or other method approved by this Division.
11. Submit plans and specifications in duplicate covering the booster pump and pumphouse. (See Section 2.8, Pressure Tank of Appendix A, Chapter III, Wyoming Water Quality Rules & Regulations). A positive pressure must be maintained at all times in the booster pump intake header. To assure this positive head a low pressure automatic cut off control must be provided to shut off the pump when nearing negative pressure conditions.
12. The pressure tanks shall meet ASME code requirements for the construction and installation of unfired pressure vessels.
13. The 16,000 gallon storage tank shall comply with Section 2.7 Water Storage of Chapter III, Wyoming Water Quality Rules & Regulations, 1976 and with the material specifications of AWWA Standard D100-73.
14. The ground surface at the well shall slope away from the well in all directions so there will be no ponding within 50 feet of the well.

Enclosure: 1

cc: Chuck Higgins, Converse County Sanitarian, Courthouse, Douglas, WY 82633



Department of Environmental Quality
Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 1, 1978

Jimmie L. McIntire
Office Manager
C-E Natco
P.O. Box 398
Gillette, WY 82716

Dear Mr. McIntire,

Reference No. 78-655

This office has received the proposed water line layout of your mobile homes and a letter of authorization to investigate possibilities and cost outlay of receiving water from Hoy Mobile Home Park.

Under the "Wyoming Water Quality Rules & Regulations, Chapter III, 1976" the proposed water line installation is the expansion of a public water supply. Therefore, a "Permit to Construct, install, or modify public water supply" will be needed from this Department before constructing the proposed line.

As a minimum, the following items shall be required:

1. A completed application form (copies enclosed),
2. Three (3) copies of all plans and specifications which must be signed by a professional engineer who is registered in the State of Wyoming.
3. Design data and capability of Hoy Mobile Home Park water supply including capacity available, water pressure, people to be served, pipe-type, valve-type, etc.
4. A letter of verification from Hoy Mobile Home Park, indicating that they can provide adequate water services.

If you have any questions, feel free to contact me.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "Dan H. Kim".

Dan H. Kim
Environmental Engineer
Water Quality Division

DHK/clf

Enclosure

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

New

Renewal

Modified

Permit No. 78-656

IMCO SANITARY FACILITIES

(Name of Facility)

This permit hereby authorizes the applicant:

IMCO SERVICES

(Last)

(First)

(Middle)

P.O. BOX 22605

(Street or P.O. Box)

HOUSTON

(City)

TEXAS

(State)

77027

(Zip Code)

to construct, install, or modify a SEPTIC TANK - LEACH FIELD

facility located in SEC. 2

T19N

R105W

(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 S. Jencal
Administrator
Water Quality Division

Robert E. Lardin
Director
Department of Environmental
Quality

NOVEMBER 24, 1978
Date of Issuance

CHARLES ANDERSON
P.O. BOX 8171
SALT LAKE CITY, UTAH 84108

Gulf Research & Development Company

P. O. Drawer 2038, Pittsburgh, PA 15230

October 3, 1980

Reference: 6240FR10-15-04



Mr. Frank LaBarge
Dept. of Environmental Quality
933 Main St.
Lander, WY 82520

Dear Mr. LaBarge:

In accordance with our telephone conversation on October 1, 1980, this is to confirm that Gulf Research & Development Co. has withdrawn the following permit applications:

1. Evaporation reservoir for S.35 T25N R94W in Sweetwater County (DEQ Ref. No. 78-657).
2. Small wastewater facility for S.35 T25N R94W in Sweetwater County (DEQ Ref. No. 77-658).

Yours sincerely,

Peter A Lindley
P. A. Lindley

PAL:pjm





Department of Environmental Quality
Water Quality Division

933 MAIN

June 4, 1980

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

CERTIFIED MAIL

Gulf Research Development Co.
134 Union Blvd., Suite 610
Lakewood, CO 80228
ATTN: Thomas H. Stocker

RE: Permit Application for Gulf Oil Evaporation Reservoir
DEQ Reference No. 78-657

Dear Mr. Stocker:

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

- ___ The application will not be resubmitted. The application is to be removed from DEQ files.
- ___ The application will be resubmitted within 30 days.
- ___ The facility has been constructed or is under construction.
- ___ Other remarks _____

If this letter is not returned within 30 days, your application will be removed from our files.

Sincerely,

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

MRC/dl

cc: David J. Jubenville, P.E.
Ackenheil & Associates
Colorado Inc.
10370 Colorado BLVD.
Denver, CO 80229

YEA

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

PROJECT: GULF OIL EVAPORATION RESERVOIR
SEC. 35, T25N R94W
SWEETWATER COUNTY

ENGINEER: DAVID J. JUBENVILLE, P.E. ACKENHEIL & ASSOCIATES
COLORADO INC.
10370 COLORADO BLVD.
DENVER, COLO. 80229

OWNER: ATTN: THOMAS H. STOCKER
GULF RESEARCH DEVELOPMENT COMPANY
134 UNION BLVD
SUITE 610, LAKEWOOD, COLO. 80228

WATER QUALITY DIVISION REFERENCE NUMBER: 78-657

REVIEWING ENGINEER: DAVID W. HILL

DATE OF REVIEW: DECEMBER 14, 1978

ACTION: NOT AUTHORIZED.

COMMENTS:

1. Will the compacted sand between the bottom liner and the pond liner be permeable enough to allow drainage to the leak detection system?
2. How will the leak detection pipe interfere with the 30 mil CPE liner?
A plastic boot or clamps?
3. Will the 30 mil. CPE liner be able to withstand weathering from snow, ice, and sunlight?
4. Will the leak detection pipes be sloped to the point where the pipe heads toward the surface?
5. Are the ponds protected from surface runoff?

4

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING 82520

PROJECT: GULF OIL SEPTIC TANK & ABSORPTION FIELD
SEC. 35, T. 25N, R. 94 W.
SWEETWATER COUNTY

ARCHITECT OR ENGINEER: DAVID M. JUBENVILLE, P.E. ACKENHEL & ASSOCIATES COLORADO INC.
10370 COLORADO BLVD.
DENVER, COLO. 80229

WATER QUALITY DIVISION REFERENCE NUMBER: 78-658

REVIEWING ENGINEER: DAVID W. HILL

DATE OF REVIEW: NOVEMBER 9, 1978

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Plans and specifications must be signed or sealed by an engineer registered in the State of Wyoming.
2. Plans and specifications are needed for the sewage collection system serving the site.

c.c. Gulf Research and Development Corporation
P.O. Drawer 2038
Pittsburgh, Pa. 15230

ATTN: PETER A. LINDLEY

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

New

Renewal

Modified

Permit No. 78-659 R

CANYON TERRACE ADDITION SEWERAGE FACILITIES

(Name of Facility)

This permit hereby authorizes the applicant:

NORTHWEST HOMES, INC.

(Last)

(First)

(Middle)

195 RIVERVIEW DRIVE

(Street or P.O. Box)

GREEN RIVER, WYO.

82935

(City)

(State)

(Zip Code)

to construct, install, or modify a _____

facility located in SEC 22, T-18N, R107W

(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. Galan
Administrator
Water Quality Division

Robert E. Lundin
Director
Department of Environmental
Quality

NOVEMBER 16, 1978

Date of Issuance

c.c. Tudor Engineering
450 South Federal Blvd.
RIVERTON, WYO. 82501
ATTN: JERRY CREWS

c.c. Town of Green River
P.O. Box 127
GREEN RIVER, WYO. 82935
ATTN: F. SALSBUURY, P.E.

PERMIT TO CONSTRUCT

mailed
12/5/78

- New
- Renewal
- Modified

Permit No. 78-661

Vista West No. 4

(Name of Facility)

This permit hereby authorizes the applicant:

Vista West Water Company

(Last)

(First)

(Middle)

Box 567

(Street or P.O. Box)

Casper

Natrona

Wyoming 82601

(City)

(County)

(State)

to construct, install, or modify a Water Distribution

facility located in Section 33, T34N, R80W
(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 J. Galano
Administrator
Water Quality Division

Robert E. Lundin
Director
Wyoming Dept. of Environmental Quality

November 27, 1978

Date of Issuance

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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

New

Renewal

Modified

Permit No. 78-662

DUGGER SLAUGHTERHOUSE OXIDATION LAGOON

(Name of Facility)

This permit hereby authorizes the applicant:

A.B. DUGGER

(Last)

(First)

(Middle)

ROUTE 1, BOX 93

(Street or P.O. Box)

POWELL,

WYO.

82435

(City)

(State)

(Zip Code)

to construct, install, or modify a LARGE WASTE TREATMENT FACILITY
facility located in LOT 76 T55 R99
(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.

Authorized by:

William J. Paul
Administrator
Water Quality Division

Robert E. Sardin
Director
Department of Environmental
Quality

DECEMBER 7, 1978.

Date of Issuance

PERMIT TO CONSTRUCT

Marked
12/5/78

- New
- Renewal
- Modified

Permit No. 78-663

Sweetwater Bldg. Inc.
(Name of Facility)

This permit hereby authorizes the applicant:

Sweetwater Building
 (Last) (First) (Middle)

1223 East 8th Street
 (Street or P.O. Box)

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

to construct, install, or modify a Electro-Osmosis Disposal
 facility located in Casper
 (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. Janda
 Administrator
 Water Quality Division

Robert E. Surdin
 Director
 Wyoming Dept. of Environmental Quality

November 27, 1978
 Date of Issuance

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

REVIEW OF PLANS AND SPECIFICATIONS

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

*Not
mailed
Replaced
by
79-139
File Copy
P*

PROJECT: Sutherland Estates, III

ARCHITECT OR ENGINEER: ATTN: Gary Davis, 1000 Poplar Lane, Gillette, WY 82716

WATER QUALITY DIVISION REFERENCE NUMBER: 78-665 Ref. 77-72

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

DATE OF REVIEW: 12/4/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. A letter from City of Gillette is needed, indicating that the City is capable of providing water & sewer services to the Estates III.
2. In "Typical Sewer Detail" drawing sheet #8, ABS. VCP. Asbestos Cement pipe, steel pipe, cast iron pipe, Ductile Iron pipe were specified. Since the specifications indicate only PVC pipes for water & sewer main, either complete specifications for the above mentioned pipes must be provided or unused pipe specs need to be removed from the drawing sheet.

mailed
1/15/79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-666

WRIGHT RV PARK, PHASE II

(Name of Facility)

This permit hereby authorizes the applicant:

Reno Junction Development, Inc.

(Last) (First) (Middle)

Anaconda Towers, 20th Floor

555 Seventeenth Street

(Street or P.O. Box)

Denver, CO 80202

(City) (County) (State)

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

facility located in Section 27, 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 L. Lunden
 Director
 Wyoming Dept. of Environmental Quality

January 15, 1979

Date of Issuance

xc: Mal Crawford, County Sanitarian

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-667

Sparrow Hawk Hill
(Name of Facility)

This permit hereby authorizes the applicant:

McStain Enterprises
(Last) (First) (Middle)
4800 Riverbend Road
(Street or P.O. Box)
Boulder, CO 80301
(City) (County) (State)

to construct, install, or modify a sewer trunk line
facility located in Sections 28 and 33, T56N, R84W
(Legal Description)

in the County of Sheridan, 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 S. Paul
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

Date of Issuance

cc: Cliff Sanders, City Engineer

PERMIT TO CONSTRUCT

Book
6-51-78

- New
- Renewal
- Modified

Permit No. 78-668M

Eastward Heights III Addition
(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, Natrona, Wyoming 82601
 (City) (County) (State)

to construct, install, or modify a municipal distribution & collection system (public water supply)
 facility located in Sec. 11, T33N, R79W (City of Casper)
 (Legal Description)

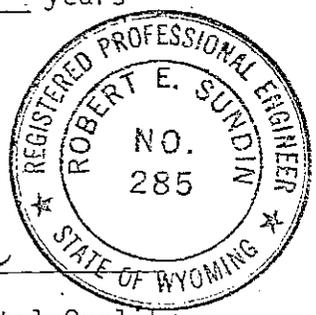
in the County of Natrona, in the State of

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

AUTHORIZED BY:

William J. Galo
 Administrator
 Water Quality Division

Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality



May 11, 1979
 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.

mailed
12/22/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-668

Eastward Heights

(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 Natrona Wyoming 82601

(City) (County) (State)

to construct, install, or modify a Water Distribution & Sewage Collection
facility located in City of Casper
(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. Sardin
Director
Wyoming Dept. of Environmental Quality

December 4, 1978

Date of Issuance

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

PERMIT TO CONSTRUCT

Mailed
12/26/78

- New
- Renewal
- Modified

Permit No. 78-669

Sage Knolls
(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 Natrona Wyoming 82601
(City) (County) (State)

to construct, install or modify a Water Distribution & Sewage Collection facility located in City of Casper
(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 P. Gaudin
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

December 4, 1978
Date of Issuance

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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

*Mailed to
L. 1/8/79*

New

Renewal

Modified

78-670R

Permit No. _____

UNION PACIFIC RAILROAD CO., BRYAN, WYO.

(Name of Facility)

This permit hereby authorizes the applicant:

UNION PACIFIC RAILROAD CO.,

(Last)

(First)

(Middle)

1416 DODGE STREET

(Street or P.O. Box)

OMAHA

NEBRASKA

68179

(City)

(State)

(Zip Code)

to construct, install, or modify a WASTEWATER LAGOON

facility located in SEC2 T18N R109W

(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. Gaul
Administrator
Water Quality Division

Robert E. Sundin
Director
Department of Environmental
Quality

JANUARY 2, 1979.

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: UNION PACIFIC RAILROAD
SANITARY WASTE LAGOONS - BRYAN, WYO.
SEC. 2, T.18N, R109W SWEETWATER COUNTY

ENGINEER: ROBERT D. MARKWORTH, P.E. UNION PACIFIC RAILROAD COMPANY
1416 DODGE ST
OMAHA, NEBRASKA, 68179

OWNER: UNION PACIFIC RAILROAD
1416 DODGE ST.
OMAHA, NE.

WATER QUALITY DIVISION REFERENCE NUMBER: 78-670

REVIEWING ENGINEER: ^{called} DAVID W. HILL

DATE OF REVIEW: NOVEMBER 21, 1978

ACTION: NOT AUTHORIZED.

COMMENTS:

1. AT LEAST A SIX INCH COLLECTION LINE SHOULD BE USED.

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

*mailed to
J. 1/29/79*

New

Renewal

Permit No. 78-671R

Modified

JACKSON HOLE SKI CORPORATION
EFFLUENT PRESSURE DISCHARGE LINE AND DISCHARGE STRUCTURE
(Name of Facility)

This permit hereby authorizes the applicant:

JACKSON HOLE SKI CORPORATION
(Last) (First) (Middle)
P.O. BOX 290
(Street or P.O. Box)
TETON VILLAGE WYOMING 83025
(City) (State) (Zip Code)

to construct, install, or modify a WASTEWATER EFFLUENT LINE
facility located in SEC24 T42N R117W
(Legal Description)

in the County of TETON, in the State of Wyoming.

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

Authorized by:

William L. Gale
Administrator
Water Quality Division

Robert E. Sordin
Director
Department of Environmental
Quality

JANUARY 22, 1979.
Date of Issuance
ATTN: BRUCE L. NURSE, PRESIDENT

NOTE: THIS "PERMIT TO CONSTRUCT" DOES
NOT AUTHORIZE THE APPLICANT THE PRIVILEGE
TO DISCHARGE THROUGH THIS EFFLUENT LINE. A
NPDES PERMIT OR MODIFICATION IS NEEDED.

c.c. NELSON ENGINEERING
P.O. BOX 1141
JACKSON, WYO. 83001

mailed
12/5/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-672

Plumber's & Pipefitters Union #192
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Plumber's & Pipefitters Union #192</u>		
(Last)	(First)	(Middle)
<u>642 East 1st</u>		
(Street or P.O. Box)		
<u>Casper</u>	<u>Natrona</u>	<u>Wyoming 82601</u>
(City)	(County)	(State)

to construct, install, or modify a Subsurface Disposal
facility located in Section 29, T34N, R79W
(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. G... ..
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

November 27, 1978
Date of Issuance

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

mailed
12/5/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-673

Van Waters & Rogers Building
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Campion</u>	<u>Bill</u>	
(Last)	(First)	(Middle)
<u>P. O. Box 2109</u>	<u>Hawkeye Construction</u>	
	(Street or P.O. Box)	
<u>Casper</u>	<u>Natrona</u>	<u>Wyoming 82601</u>
(City)	(County)	(State)

to construct, install, or modify a Subsurface Disposal
facility located in Section 5, T33N, R78W
(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 J. Gable
Administrator
Water Quality Division

Robert E. Sunden
Director
Wyoming Dept. of Environmental Quality

November 27, 1978
Date of Issuance

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

mailed
12/22/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-674

Dresser Industries
(Name of Facility)

This permit hereby authorizes the applicant:

Dimension Systems & Insulation, Inc.
 (Last) (First) (Middle)
P. O. Box 509
 (Street or P.O. Box)
Mills Natrona Wyoming 82644
 (City) (County) (State)

to construct, install, or modify a Commercial Subsurface Disposal
 facility located in Section 2, T33N, R80W
 (Legal Description)

in the County of ~~Sheridan~~ 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 J. Paula
 Administrator
 Water Quality Division

Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality

December 1, 1978
 Date of Issuance

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

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING 82520

PROJECT: MOBILE CORRALS

ARCHITECT OR ENGINEER: INDO-AMERICAN ENGINEERING
P.O. BOX 1813
ROCK SPRINGS, WYO. 82901

WATER QUALITY DIVISION REFERENCE NUMBER: 78-675R

REVIEWING ENGINEER: DOUG CRAIG D.C.

DATE OF REVIEW: JANUARY 30, 1979

ACTION: NOT AUTHORIZED TO CONSTRUCT

COMMENTS:

1. Cleanouts or manholes are required at all terminal lines.
2. Blowoff valves are required at all water line terminations.
3. Gate valves should be provided at locations which allow isolations of no more than 25 units.
4. Sewer profiles should be provided.
5. Please provide cleanout details.
6. Provide drawings and spec.s of blowoff valves.
7. Indicate water line pressures.
8. Label all sewer line sizes.
9. Include hydrant details.
10. Provide detailed installation spec.s.
11. Provide detailed crossing spec.s.
12. Provide spec.s for water and sewer leakage tests.
13. Letter from city - already provided.
14. Since this project is different from the original design which we have issued a permit for, submit a new application for a permit to construct. I have enclosed a blank form.

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

933 MAIN

LANDER, WYOMING 82520

3144
TELEPHONE 307-332-3047

January 31, 1979.

Indo-American Engineering
P.O. Box 1813
Rock Springs, Wyo. 82901.

Dear Dinesh:

Here is a copy of the initial review I made on your re-submittal of Gosar Trailer Courts. Although we previously discussed the review, a written review is necessary.

If you should have further questions, do not hesitate to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Doug Craig".

Doug Craig,
ENVIRONMENTAL ENGINEER.

DC/jky

Enc.

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

New

Renewal

Modified

Permit No. 78-675R

MOBILE CORRALS

(Name of Facility)

This permit hereby authorizes the applicant:

GOSAR JOHN
(Last) (First) (Middle)

BOX 775
(Street or P.O. Box)

ROCK SPRINGS WYO. 82901
(City) (State) (Zip Code)

to construct, install, or modify a MOBILE HOME PARK

facility located in SEC. 3 T18N R105W
(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 J. Galan
Administrator
Water Quality Division

Robert E. Lundin
Director
Department of Environmental
Quality

DECEMBER 5, 1978

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT:

MOBILE CORRALS
JOHN GOSAR
BOX 775, ROCK SPRINGS, WYO. 82901

ENGINEER:

ED FERRELIA
P.O. BOX 1633
ROCK SPRINGS, WYO. 82901

OWNER:

JOHN GOSAR
BOX 775 ROCK SPRINGS, WYO. 82901

WATER QUALITY DIVISION REFERENCE NUMBER:

78-675

REVIEWING ENGINEER:

DOUG CRAIG

DATE OF REVIEW:

NOVEMBER 22, 1978

ACTION:

NOT AUTHORIZED.

COMMENTS:

1. Provide spec.s on pipe installation, manholes, blowoffs, etc.
2. A gate valve is necessary on the 6-inch water line for system isolation. Also, what is the pipe type on the 6" water line.
3. A surface concrete pad should be provided on both the water and the wastewater risers.
4. The slope of the 6-inch sewer line is insufficient to provide a scouring velocity of 2 feet per second.

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

New

Renewal

Modified

Permit No. 78-676

RED MOUNTAIN PROPERTIES INC.

(Name of Facility)

This permit hereby authorizes the applicant:

SOUTH
(Last)

DAN
(First)

(Middle)

P.O. BOX 805

(Street or P.O. Box)

EVANSTON,

WYO.

82930

(City)

(State)

(Zip Code)

to construct, install, or modify a SEWAGE COLLECTION

facility located in SEC. 16 T15N 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. Janda
Administrator
Water Quality Division

Robert E. Lundin
Director
Department of Environmental
Quality

NOVEMBER 24, 1978

Date of Issuance

ROCKY MOUNTAIN ENGINEERING
P.O. BOX 805
EVANSTON, WYO. 82930

PERMIT TO CONSTRUCT

mailed
11/28/78

New

Renewal

Modified

Permit No. 78-677

Lloyd Mound System

(Name of Facility)

This permit hereby authorizes the applicant:

Lloyd

Don

(Last)

(First)

(Middle)

Emerald Acres

(Street or P.O. Box)

Casper

Natrona

Wyoming 82601

(City)

(County)

(State)

to construct, install, or modify a Small Waste Facility

facility located in Section 8, T34N, R81W

(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 S. Adams
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

November 21, 1978

Date of Issuance

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

mailed
1/15/79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-678

Mangus Trailer Park
(Name of Facility)

This permit hereby authorizes the applicant:

Mangus William
(Last) (First) (Middle)

P. O. Box 622
(Street or P.O. Box)

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

to construct, install, or modify a Subsurface Disposal
facility located in Section 13, T33N, R80W
(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. Galand
Administrator
Water Quality Division

Robert E. Sunden
Director
Wyoming Dept. of Environmental Quality

December 18, 1978
Date of Issuance

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

Book mailed
5-2-79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-679RR

POWDER BASIN MALL
(Name of Facility)

This permit hereby authorizes the applicant:

W. M. Grace Construction
(Last) (First) (Middle)

c/o Larson and Brimacombe
1901 Energy Court, Suite 120

(Street or P.O. Box)

Gillette, WY 82716
(City) (County) (State)

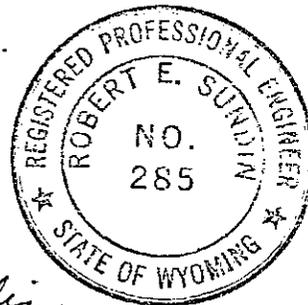
to construct, install, or modify a water distribution and sewage collection
facility located in Section 34, T.50N., R.72W.
(Legal Description)

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.

cc: Bill Flaherty, Gillette City Engineer

AUTHORIZED BY:



William L. Galand
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

May 1, 1979
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."

mailed
2/21/79

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Mobile Home Park for J.E. Nutt, Casper, WY, Natrona County

ARCHITECT OR ENGINEER: Harry O. Patterson, P.E., Patterson, Weber & Assoc.

WATER QUALITY DIVISION REFERENCE NUMBER: 78-680R

REVIEWING ENGINEER: *Robert H. Pinther* Robert H. Pinther, P.E., ~~Jake~~ Strohmman, P.E.

DATE OF REVIEW: 2/15/79

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The septic tank design shall include the following:
 - a. The covered access openings over the inlet and outlet shall be 20 inches least dimension.
 - b. The outlet elevation shall be designed to provide a distance of 20% of the liquid depth between the top of the liquid and the bottom of the tank cover.
 - c. The inlet elevation shall be three inches above the outlet.
 - d. The inlet and outlet tees shall be cast iron or PVC and shall extend from 1 inch below the bottom of the tank cover to a depth of 40% of the liquid depth and be located 6 to 8 inches from the tank end wall.
2. Submit a detail of a typical sewer service riser which is in compliance with the criteria set forth in section "1.8 Riser" of Appendix A, Chapter III of the Wyoming Water Quality Rules and Regulations. A sketch of an approved design is enclosed.
3. Relocate the septic tanks and drainfields to obtain at least 25 feet separation from water lines and 10 feet from property lines. NOTE: Location of the drainfields adjacent and longitudinally parallel to Mark Street across Lots 1-2 and 11-12 should provide the 25 feet of separation if each line of trailers is served by 2-8' x 5' x 5' (1500gal.) septic tanks located in tandem immediately upstream (with the required 10' separation) from its drainfield.

4. Include, as specifications, methods for proper pipe bedding and backfilling as well as specifications covering materials to be used. Specifications shall incorporate the provisions of the AWWA Standards, Standards of the Uni-Bell Plastic Pipe Association (for plastic only) and/or manufacturer's recommended installation procedures.
5. Specify that the maximum vertical deflection of the sewer line due to ovalation shall not exceed 5% of the internal diameter.
6. Specify that the maximum infiltration or exfiltration shall not exceed 200 gallons per inch of pipe diameter per mile per day.
7. Specify minimum 10 foot horizontal & the vertical separation between water and sewer lines as set forth in Section 3.0 of Appendix A of Chapter III of the Wyoming Water Quality Rules & Regulations.

Enclosure: 1

FOR UNOCCUPIED LOT
CLOSE RISER E WITH
RUBBER SEWER RING
D & TIGHTEN WITH
BOLT & PLATES

ALL JOINTS AT SEMI-RIGID PIPE
SHOULD HAVE A STAINLESS-STEEL
CLAMP TO INSURE TIGHT CONNECTIONS

- A. 3" I.D. DRAIN OUTLET
- B. 45° OR 22 1/2° ELBOW
- C. SEMI-RIGID PIPE
- D. RUBBER SEWER RING
- E. SEWER RISER PIPE

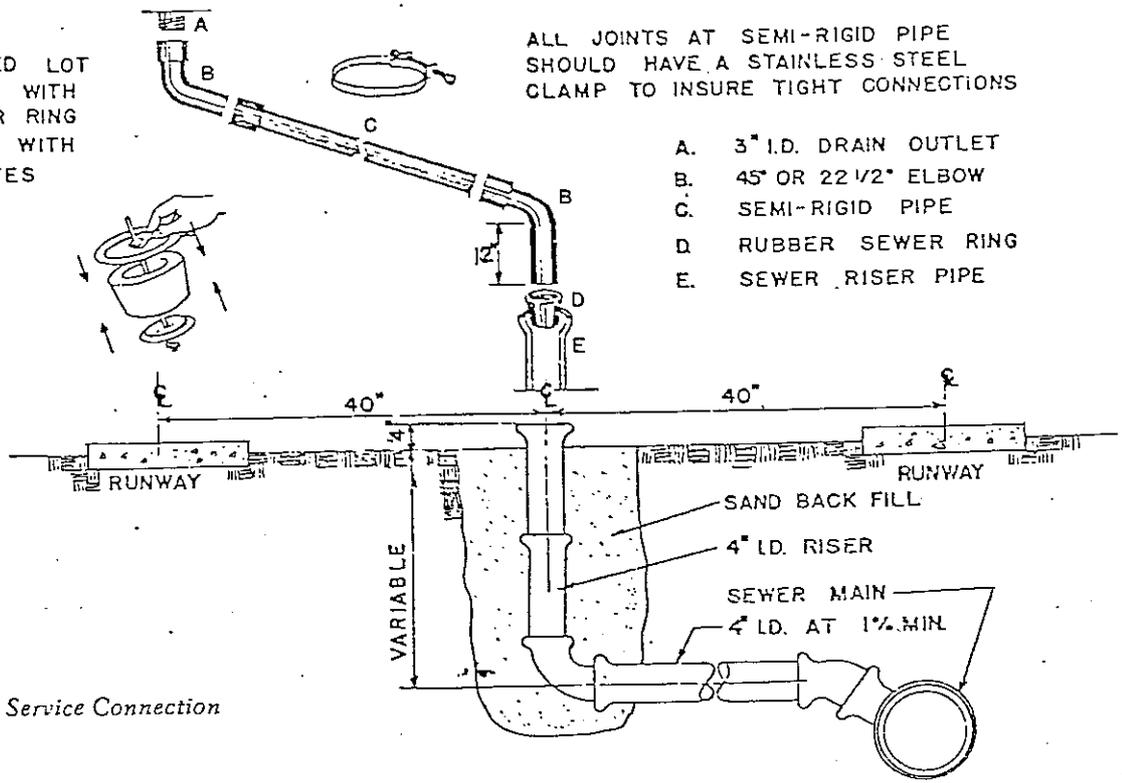


Fig. 9 Sewer Service Connection

Mailed
12/15/78

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Mobile Home park for J. E. Nutt, Casper, WY - Natrona County

ARCHITECT OR ENGINEER: Harry O. Patterson, Patterson, Webber & Assoc.

WATER QUALITY DIVISION REFERENCE NUMBER: 78-680

REVIEWING ENGINEER: *RHP* Robert H. Pinther, P.E., M.S.; Jake Strohman, P.E.

DATE OF REVIEW: 12/7/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Sewerage System

1. All sewer main lines shall be at least 6 inches in diameter
2. Submit a detail of the septic tanks which shall be in compliance with section "2.0 Septic Tanks" of Appendix B, Chapter III of the Wyoming Water Quality Rules & Regulations. A copy of Chapter III is enclosed.
3. Submit a detail of a typical sewer service "Riser" which is in compliance with the criteria set forth in section "1.8 Riser" of Appendix B, Chapter III referred to in comment #2 above.
4. Septic tanks shall be located as set forth in section "2.5 Location" of Appendix B, Chapter III referred to above.
5. Septic tanks shall be installed with bedding & backfill as set forth in section "3.0 Backfilling" of Appendix B, Chapter III referred to above.
6. The drainfields shall comply with all criteria set forth in section "3.0 Subsurface Disposal Fields" of Appendix B, Chapter III referred to above.
7. Were the percolation tests run in accordance with the procedure outlined in the enclosure entitled, "Appendix A PERCOLATION TESTS"?
8. The construction of the disposal bed shall be in compliance with the criteria set forth section "3.4 Construction of Standard Disposal Fields" of Appendix B, Chapter III referred to above.
9. Specify a minimum manhole diameter of 42 inches.

10. Provide for proper pipe bedding & backfilling with granular material of 1" maximum size so as not to damage the pipe or its joints.
11. Specify that the maximum vertical deflection of the sewer line due to ovalation shall not exceed 5% of the internal diameter.
12. Specify that the maximum infiltration or exfiltration shall not exceed 200 gallons per inch of pipe diameter per mile per day.
13. Specify minimum 10 foot horizontal & the vertical separation between water and sewer lines as set forth in Section 3.0 of Appendix A of Chapter III of the Wyoming Water Quality Rules & Regulations.

Water System

1. Submit sketch of a typical water service riser, control valve, and method of frost proofing: (See Section 2.1, Water Connection of Appendix A, Chapter III referred to above.
2. Indicate the size of the water service lines serving the north line of mobile homes.

General

1. Complete & submit two copies of an "Application for Permit to Construct".
2. Submit a letter of acceptance from Wardwell Water & Sewer District.

Enclosures: 3

THE STATE



OF WYOMING

*Mailed
12/15/78*

ED HERSCHLER
GOVERNOR

*Department of Environmental Quality
Water Quality Division*

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

December 15, 1978

Mr. J. E. Nutt
7140 Salt Creek Road
Box 2
Casper, WY 82601

RE: Nutt Mobile Home Park,
Casper, Wyoming

Ref. No. 78-680

Dear Mr. Nutt:

This is to confirm our telephone conversation of December 15, 1978. It has come to our attention that you have initiated construction of water and sewerage facilities for the above referenced mobile home park.

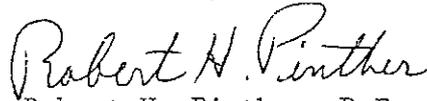
Construction of these facilities without first obtaining a permit to construct from this Department is a violation of Chapter III of the Wyoming Water Quality Rules & Regulations, 1976, and is subject to the applicable penalties as set forth in the Wyoming Environmental Quality Act. A copy of Chapter III is enclosed.

To avoid further action by this Division in this matter, all construction on this facility shall cease until you have obtained a permit to construct from this office.

We have asked a representative of the Natrona County Planning Office to confirm the status of this project by a personal visit to the construction site.

At the present time the plans and specifications for this mobile home park are under review in this office. The plans, as received, will require some modifications and corrections before we can issue a permit to construct. We expect that our plan review will be put in the mail today to your engineer, Patterson, Webber & Associates, in Casper.

Sincerely,


Robert H. Pinther, P.E.
Environmental Engineer

Enclosure: 1

cc: Natrona County Planning Office.
200 North Davis Street
Casper, WY 82601.

RHP/clf

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-681RRR

Trailer Park No. 2 for Jim Kittrell Jr.

(Name of Facility)

This permit hereby authorizes the applicant:

<u>Kittrell,</u>	<u>James</u>	<u>W. Jr.</u>
(Last)	(First)	(Middle)

<u>122 North Grant Street</u>
(Street or P.O. Box)

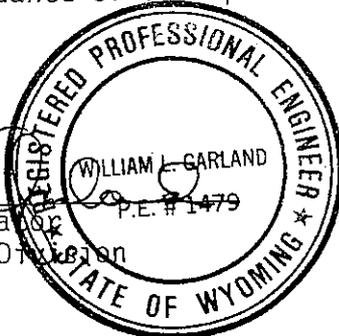
<u>Casper,</u>	<u>Natrona,</u>	<u>WY 82601</u>
(City)	(County)	(State)

to construct, install, or modify a water and sewer system
 facility located in Sec. 20, T34N, R79W
 (Legal Description)

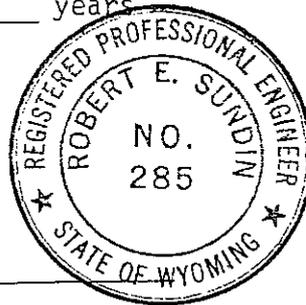
in the County of Natrona, in the State of
 Wyoming. This permit shall be effective for a period of two (2) years
 from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William J. Garland
 Administrator
 Water Quality Division



Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality



July 5, 1979
 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.

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Trailer Park No. 2 for Jim Kittrell, Casper, WY, Natrona Co.

ARCHITECT OR ENGINEER: Harry O. Patterson, Patterson, Weber & Associates,
437 S. Spruce, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 78-681RRR

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, P.E., M.S.

DATE OF REVIEW: July 5, 1979

ACTION: Construction Authorized

COMMENTS:

Add the following to paragraph B-36 of the specifications:

"The length of water pipe shall be centered at the point of crossing so that the joints will be equidistant as far as possible from the sewer."

Book
M-6-29-79

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
~~State Office Building~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: Trailer Park No. 2 for Jim Kittrell, Casper, WY, Natrona Co.

ARCHITECT OR ENGINEER: Harry O. Patterson, Patterson, Weber & Associates,
437 South Spruce, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 78-681RR

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, P.E., M.S.

DATE OF REVIEW: June 26, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The first septic tank on Lot 11 shall be relocated to obtain a separation of at least 25 feet from the water service line.
2. Add the following to paragraph B-36 of the specifications:

"The length of water pipe shall be centered at the point of the crossing so that the joints will be equidistant as far as possible from the sewer."
3. The maximum allowable leakage was omitted from paragraph B-37 Hydrostatic Test. Specify a maximum allowable leakage of 11.6 gallons per inch of nominal diameter of pipeline per mile per 24 hours or specify use of the allowable leakage as set forth in Table 7 of AWWA Standard C600-77.
4. On lot #8, connect the 1 inch water line to the water main at a point upstream from the auxiliary valve in the fire hydrant lead.

2102
M-6-21-79

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Trailer Park No. 2 for Jim Kittrell, Casper, WY, Natrona Co.

ARCHITECT OR ENGINEER: Harry O. Patterson, Weber & Associates, 437 S. Spruce,
Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 78-681R

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, P.E., M.S.

DATE OF REVIEW: June 19, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The sewer lines on lots 1, 2, 3, 4 and 5 shall be located at least 10 feet, measured edge to edge, from the water service lines.
2. The septic tanks on lot 5 shall be located at least 25 feet from the water service lines.
3. The first septic tank on lot 11 shall be relocated to obtain a separation of at least 25 feet from the water service line.
4. At water and sewer crossings on lots 8 and 9, provide the required construction as set forth in Section 3.2 Vertical Separations of Appendix A, Chapter III of the Wyoming Water Quality Rules and Regulations, 1976 revision.
5. Provide a minimum horizontal separation of at least 25 feet between the water service line to lot 11 and the drainfield on Lot 11.

mailed
1/8/79

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: ~~Trailer Park No. 2 for Jim Kittredge, Casper, WY.~~

ARCHITECT OR ENGINEER: Harry O. Patterson, Webber & Assoc., 437 S. Spruce
Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: ~~78-681~~

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, P.E., M.S.; Jake Strohmman, P.E.

DATE OF REVIEW: 12/10/78

ACTION: ~~NOT AUTHORIZED FOR CONSTRUCTION~~

COMMENTS:

Sewerage System

1. All sewer main lines shall be at least 6 inches in diameter.
2. Submit a detail of the septic tanks which shall be in compliance with section "2.0 Septic Tanks" of Appendix B, Chapter III of the Wyoming Water Quality Rules & Regulations.
3. Submit a detail of a typical sewer service "Riser" which is in compliance with the criteria set forth in section "1.8 Riser" of Appendix B, Chapter III referred to in comment #2 above. A sketch of an acceptable riser & cap is enclosed.
4. Septic tanks shall be located as set forth in section "2.5 Location" of Appendix B, Chapter III referred to above.
5. Septic tanks shall be installed with bedding & backfill as set forth in section "3.0 Backfilling" of Appendix B, Chapter III referred to above.
6. The drainfields shall comply with all criteria set forth in section "3.0 Subsurface Disposal Fields" of Appendix B, Chapter III referred to above.
7. Were the percolation tests run in accordance with the procedure outlined in the enclosure entitled "Appendix A, Percolation Tests"?
8. The construction of the disposal bed shall be in compliance with the criteria set forth in section "3.4 Construction of Standard Disposal Fields" of Appendix B, Chapter III referred to above.

9. Specify a minimum manhole diameter of 42 inches.
10. Provide for proper pipe bedding & backfilling with granular material of 1" maximum size so as not to damage the pipe or its joints.
11. Specify that the maximum vertical deflection of the sewer line due to ovalation shall not exceed 5% of the internal diameter.
12. Specify that the maximum infiltration or exfiltration shall not exceed 200 gallons per inch of pipe diameter per mile per day.
13. Specify a minimum 10 foot horizontal and the vertical separation between water and sewer lines as set forth in section 3.0 of Appendix A of Chapter III of the Wyoming Water Quality Rules and Regulations.
14. Provide manholes where the sewers intersect on lots 8 & 9 and a cleanout at the upper end of the 6 inch sewer on lot 2.

Water System

1. Submit sketch of a typical water service riser, control valve and method of frost proofing. (See section 2), Water Connection, of Appendix A, Chapter III referred to above and enclosed sketch, Figure 4 "Detail of Water Connection ...".
2. To avoid excessive water pressure loss also provide service lines at least one inch in diameter to lots 9 through 11.

General

1. Complete & submit two copies of an "Application for Permit to Construct".
2. Submit a letter of "acceptance" from the Wardwell Water & Sewer District.

Enclosures: 4

mailed to
1/15/79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-683R

SECTION 3-10 MINE WASTEWATER TREATMENT PLANT
 (Name of Facility)

This permit hereby authorizes the applicant:

Kerr-McGee Nuclear Corporation
 (Last) (First) (Middle)
 Attention: Calvin Fletcher
 P.O. Box 1120

 (Street or P.O. Box)

Glenrock, WY 82637
 (City) (County) (State)

to construct, install, or modify a Barium Chloride injection and settling pond
 facility located in Section 4, T.37N., R.73W.
 (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 J. ...
 Administrator
 Water Quality Division

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

January 15, 1979

Date of Issuance

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

mailed to
L. 1-3-79

New

Renewal

Permit No. 78-684R

Modified

STAR VALLEY RANCH

(Name of Facility)

This permit hereby authorizes the applicant:

STEWART
(Last)

HAROLD

(First)

(Middle)

LEISURE VALLEY, INC.

(Street or P.O. Box)

THAYNE

LINCOLN

WYO.

83127

(City)

(State)

(Zip Code)

to construct, install, or modify a WATER DISTRIBUTION

facility located in SEC. 31 T35N R118W
(Legal Description)

in the County of LINCOLN, 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. Paul
Administrator
Water Quality Division

Robert E. Sundin
Director
Department of Environmental
Quality

December 14, 1978.
Date of Issuance

COON, KING & KNOWLTON
1055 E. 3900 S.
SALT LAKE CITY, UTAH 84117

80

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

PROJECT: STAR VALLEY RANCH
LEISURE VALLEY, INC.
P.O. BOX 42755, LAS VEGAS, NEV. 89104

ENGINEER: COON, KING, & KNOWLTON
1055 EAST 3900 SOUTH
SALT LAKE CITY, UTAH, 84117

OWNER:

WATER QUALITY DIVISION REFERENCE NUMBER: 78-684

REVIEWING ENGINEER: DOUG CRAIG *DC*

DATE OF REVIEW: NOVEMBER 24, 1978

ACTION: NOT AUTHORIZED.

COMMENTS:

1. Blowoffs are unacceptable as indicated. Either a stop and waste valve in conjunction with a shutoff valve or a small sanitary hydrant are preferable. Contamination is possible in the existing 1/8 inch hole construction.
2. We haven't received an application for a permit to construct as yet.

PERMIT TO CONSTRUCT

Marked
12/26/78

- New
- Renewal
- Modified

Permit No. 78-685

Bridge St. Water Line Extension
(Name of Facility)

This permit hereby authorizes the applicant:

Raymer Construction
 (Last) (First) (Middle)
Box 1078
 (Street or P.O. Box)
Saratoga Carbon Wyoming 82331
 (City) (County) (State)

to construct, install, or modify a Water Distribution
 facility located in Section 11, T17N, R84W
 (Legal Description)

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

December 1, 1978
Date of Issuance

mailed
12/22/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-686

Bramdee Subdivision
(Name of Facility)

This permit hereby authorizes the applicant:

Sintek John J.
 (Last) (First) (Middle)

Box 763
 (Street or P.O. Box)

Saratoga Carbon Wyoming 82331
 (City) (County) (State)

to construct, install, or modify a Water Distribution & Sewage Collection
 facility located in Section 10, T17N, 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 P. Paulson
 Administrator
 Water Quality Division

Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality

December 5, 1978
 Date of Issuance

PERMIT TO CONSTRUCT

mailed
12/22/78

- New
- Renewal
- Modified

Permit No. 78-688

Pratt Addition
(Name of Facility)

This permit hereby authorizes the applicant:

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

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

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

to construct, install, or modify a Water Distribution & Sewage Collection
 facility located in City of Casper
 (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. Paland
 Administrator
 Water Quality Division

Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality

December 4, 1978

Date of Issuance

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

marked to
L. 1/8/79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-689

BURGESS JUNCTION CAMP CHLORINATION FACILITY
PROJECT PE-299
 (Name of Facility)

This permit hereby authorizes the applicant:

Wyoming Highway Department
 (Last) (First) (Middle)
P.O. Box 1708
 (Street or P.O. Box)
Cheyenne, Wyoming 82001
 (City) (County) (State)

to construct, install, or modify a sewage effluent chlorination
 facility located in Section 1, T.55N., R.89W.
 (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.

NOTE: This Permit is issued on the condition that if the subject facility
 fails to routinely meet the conditions of NPDES Permit WY-0023426,
 additional modifications may be required.

Authorized by:

William S. Galand
 Administrator
 Water Quality Division

Robert E. Sinden
 Director
 Wyoming Dept. of Environmental Quality

January 2, 1979
 Date of Issuance

mailed to S.
3/7/79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-690R

EAGLE BUTTE MINE, SEDIMENT RESERVOIR #6
(Name of Facility)

This permit hereby authorizes the applicant:

AMAX Coal Company
(Last) (First) (Middle)

P.O. Box 3005
(Street or P.O. Box)

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

to construct, install, or modify a mine sediment control
facility located in Section 21, T.51N., R.72W.
(Legal Description)

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

AUTHORIZED BY:

William L. O'Leary
Administrator
Water Quality Division

Robert E. Surdin
Director
Wyoming Dept. of Environmental Quality

March 5, 1979
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."

mailed
11/29/78

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: 1978 Eagle Butte Mine NPDES #006 Reservoir (78-652)
1978 Eagle Butte Mine Sediment Trap 6 Reservoir (78-690)

ARCHITECT OR ENGINEER: AMAX Coal Co., ATTN: Ted Terrel, Energy Technical Center
P. O. Box 3005, Gillette, WY 82716

WATER QUALITY DIVISION REFERENCE NUMBER: 78-652, 78-690

REVIEWING ENGINEER: Dan H. Kim^{DK}, Jake Strohman, P.E.

DATE OF REVIEW: 11/29/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The plans & specifications must carry the signature or seal of the registered engineer in Wyoming.
2. The application for discharge permit for the proposed NPDES #006 Reservoir must be filed to Permit Section of our office. Please complete the NPDES application form and return two copies to Mr. John Wagner of our office.
3. Also enclosed are "Guidelines for Wastewater Pond Construction permit applications." All applicable information listed in the guidelines must be submitted for the discharging pond. (i.e. wastewater characteristics including chemical analysis, soil profiles noting groundwater depths, seepage rates, etc.)
4. Soil classification data for the earth fill & compaction specifications for the dam fill & dikes are needed.
5. Will seepage collars be needed on the CMP outlet pipes?
6. Flow measuring device is not shown on the plans.
7. Do the spillways for both ponds, designed on the basis of the 10 yr.-24 hr. storm event meet the requirements of Land Quality Division of DEQ? Please clear this up with LQD.
8. Please discuss how to draw off supernatant within 10 to 15 days after a storm from the runoff settling ponds.

This cannot be considered a final review.

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

*mailed to
Lander
1/3/79*

New

Renewal

Permit No. 78-691

Modified

HILLSIDE SUBDIVISION BOOSTER PUMP STATION

(Name of Facility)

This permit hereby authorizes the applicant:

TOWN OF JACKSON

(Last)

(First)

(Middle)

BOX 1687

(Street or P.O. Box)

JACKSON

WYO.

83001

(City)

(State)

(Zip Code)

to construct, install or modify a BOOSTER PUMP STATION

facility located in SEC. 32 T41N R116W
(Legal Description)

in the County of TETON, in the State of Wyoming.

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

Authorized by:

William J. Ojala
Administrator
Water Quality Division

Robert E. Sundin
Director
Department of Environmental
Quality

DECEMBER 20, 1978.
Date of Issuance

NELSON ENGINEERING
BOX 1141
JACKSON, WYO. 83001

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

*mailed to
L. 1/15/79*

New

78-693

Renewal

Permit No. _____

Modified

WEED & PEST NO. 2

(Name of Facility)

This permit hereby authorizes the applicant:

SWEETWATER CO. WEED & PEST BOARD

(Last)

(First)

(Middle)

P.O. BOX 73

(Street or P.O. Box)

FARSON

WYO.

82932

(City)

(State)

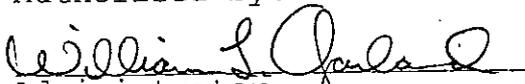
(Zip Code)

to construct, install, or modify a SEPTIC TANK-EVAPOTRANSPIRATION
facility located in SEC. 7 T12N R11W
(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:


Administrator
Water Quality Division


Director
Department of Environmental
Quality

DECEMBER 18, 1978.

Date of Issuance

HARRY L. MOORE
P.O. BOX 1633
ROCK SPRINGS, WYO. 82901

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

mailed to
L. 1-3-79

78-694

New

Renewal

Permit No. _____

Modified

AMF TUBOSCOPE INC. ROCK SPRINGS DISTRICT OFFICE AND SHOP

(Name of Facility)

This permit hereby authorizes the applicant:

A M F TUBOSCOPE, INC.

(Last) (First) (Middle)

P.O. BOX 808

(Street or P.O. Box)

HOUSTON TEXAS

(City) (State) (Zip Code)

to construct, install, or modify a TRUCK WASHWATER TREATMENT FACILITY
facility located in SEC 2, T19N R105W

(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 S. Galena

Administrator
Water Quality Division

Robert E. Lordin

Director
Department of Environmental
Quality

DECEMBER 18, 1978

Date of Issuance

BENNETT-CARDER & ASSOC. INC.
P.O. BOX 1324
ROCK SPRINGS WYO. 82901
ATTN: HARRY KESSNER, P.E.



Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

November 6, 1980

MAPE, Inc.
P.O. Box 725
Evanston, WY 82930

Re: Trailside Mobile Home Park
DEQ #78-695 RR

Dear Sirs:

This office has received, on October 31, 1980, a response from Rocky Mountain Engineering and Surveying and the City of Evanston to David Hill's review dated February 14, 1979. Based on the responses received, it appears your system meets minimum state requirements.

As stated in Chapter III of the Wyoming Water Quality Rules and Regulations, a "Permit to Construct" must be issued before the construction, installation or modification of a sewerage system, treatment works, disposal system or any other facility capable of causing or contributing to pollution or the construction, installation or modification of a public water supply can take place. A copy of Chapter III is enclosed for your reference.

Please be advised that if MAPE, Inc., or anyone involved with MAPE, Inc. 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 immediately.

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

Respectfully,

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

Francis LaBarge
Water Quality Engineer
Southwest District

FL/kn

Enclosure

cc: Cheyenne DEQ/WQD
Ann DeHoff
Dale Peterson
Wayne Shepherd
Dennis Farley



Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

September 22, 1980

MAPE Inc.
P.O. Box 725
Evanston, WY 82930

RE: Illegal Construction of Trailside Mobile Home Park
DEQ NO. 78-695

Dear Sirs:

This office received "As Constructed" plans of Trailside Mobile Home Park on December 4, 1978. The Trailside Mobile Home Park is an improved and upgraded modification of the previously existing Lazy "H" Trailer Park. On February 14, 1979, a review of the plans was sent to you and your Engineer-Rocky Mountain Engineering and Surveying. We never received any response to the review. On June 4, 1980 a letter was sent to you asking the status of your application and you indicated the application would be resubmitted within 30 days. Once again we haven't heard from you.

Lazy "H" Trailer Park was modified and upgraded to Trailside Mobile Home Park without a Permit to Construct in direct violation of Chapter III of the Wyoming Water Quality Rules and Regulations. Attempts by this office to work with you have so far failed. Please be advised that if the information requested in the February 14, 1979 review is not received in this office within 30 days, it will be my recommendation 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/lh

Enclosure

cc: DEQ/WDO Cheyenne
Ann DeHoff
Dale Peterson



Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

September 23, 1980

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

Re: Trailside Mobile Home Park
DEQ #78-695

Dear Dale:

Enclosed is a copy of the Application for Permit to Construct, a plan review done by David Hill on February 14, 1979 and a letter sent to MAPE, Inc. on June 4, 1980 indicating the application would be resubmitted by June 30, 1980.

I have also enclosed a copy of a letter to MAPE, Inc. Please keep me informed.

Respectfully,

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

Francis LaBarge
Water Quality Engineer
Southwest District

FL/kn

Enclosures

cc: Cheyenne DEQ/WQD
Ann DeHoff
MAPE, Inc.



Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

June 4, 1980

CERTIFIED MAIL

MAPE, Inc.
P. O. Box 725
Evanston, WY 82930

RE: Permit Application for Trailside Mobile Home Park
DEQ Reference No. 78-695



Dear Sir:

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

- The application will not be resubmitted. The application is to be removed from DEQ files.
- The application will be resubmitted within 30 days. *June 30, 1980*
- The facility has been constructed or is under construction.
- Other remarks _____

If this letter is not returned within 30 days, your application will be removed from our files.

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

MRC/d1

cc: Rocky Mountain Engineering
P. O. Box 805
Evanston, WY 82930
ATTN: Dale Peterson, P.E.

(Chas. n. Allcut)
Mapec Inc.

PH

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

933 MAIN

LANDER, WYOMING 82520

3144
TELEPHONE 307-332-~~XXXX~~

February 14, 1979.

MAPE, Inc.
P.O. Box 725,
Evanston, Wyoming, 82930

Dear Sirs:

Re: "As Constructed" Water and Sewer System for
Trailside Mobile Home Park: 78-695

Following an on-site inspection on February 10, 1978 and reviewing the set of "as constructed" plans submitted to us in December, I have the following comments that must be addressed:-

GENERAL

1. Details of watermain-sewer line crossings are needed.
2. Typical lot layout showing location of water and sewer risers.

WATER SYSTEM

3. Complete details of the existing wells and proposed well (i.e. - depth, casing material, yield, chemical analysis, pitless adaptor details, grouting, etc.) A profile drawing of the wells would be helpful.
4. Full details on the proposed chlorination system.
5. Full details and manufacturer's information on the Thermoline water risers.
6. Thrust blocking details.
7. Is there a by-pass around the storage tank?
8. During my inspection, I did not see the storage tank overflows. Where are they?

MAPE, Inc.
P.O. Box 725
Evanston, Wyo. 82930.

- 2 -

Re: "As Constructed" Water and Sewer System for
Trailside Mobile Home Park 78-695

9. How will the storage tank be drained for maintenance?
10. A water meter should be provided to accurately measure park usage.
11. Complete details of the automatic well-storage tank control system.

SEWER SYSTEM

12. Details of the manholes used are needed.

The water and sewer system for this mobile home park was reconstructed without the "Permit to Construct", as required by the "Wyoming Water Quality Rules & Regulations, 1976."

If any question comes up, please feel free to contact me.

Sincerely,



David W. Hill,
DISTRICT SUPERVISOR.

c.c. Rocky Mountain Engineering & Surveying
P.O. Box 805,
Evanston, Wyo. 82930
Attn: Dale Peterson, P.E.

Uinta County Planning
Uinta County Courthouse,
Evanston, Wyo. 82930.

PERMIT TO CONSTRUCT

mailed
2/14/79
FH

New

Permit No. 78-696

Renewal

Modified

Missouri Basin Power Project, Laramie River Station-Units 1 & 2
(Name of Facility)

This permit hereby authorizes the applicant:

Basin Electric Power Cooperative

(Last)

(First)

(Middle)

1717 East Interstate Avenue

(Street or P.O. Box)

Bismarck

(City)

ND 58501

(County)

(State)

to construct, install, or modify an Industrial Treatment Plant

facility located in Section 22 & 27, T25N, R67W

(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. Galand
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

February 6, 1979

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."

mailed
1/22/79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-698R

Wardwell W & S District, No. Runway, Bar-Nunn Ranch SD.
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Croxton</u>	<u>Jim</u>	<u>(Wardwell Development Co.)</u>
(Last)	(First)	(Middle)
<u>7400 Salt Creek Hwy, Box 1</u>		
(Street or P.O. Box)		
<u>Casper</u>	<u>Natrona</u>	<u>Wyoming 82601</u>
(City)	(County)	(State)

to construct, install, or modify a Water & Sewer Distribution System
facility located in Section 17, T34N, R79W
(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. Gault
Administrator
Water Quality Division

Robert E. Surdin
Director
Wyoming Dept. of Environmental Quality

January 8, 1979
Date of Issuance

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

mailed
12/14/78

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Wardwell Water & Sewer District, North Runway - Bar Nunn Ranch
Subdivision, Water & Sewer Improvements - Natrona County

ARCHITECT OR ENGINEER: Russ Donley, Western Engineers-Architects, 501
N. Sun Dr., Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 78-698

REVIEWING ENGINEER: *Robert H. Pinther*, P.E., M.S.; *Jake Strohm*, P.E.

DATE OF REVIEW: 12/7/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

General

1. Submit letters from the Wardwell Water & Sewer District and the Bar Nunn Ranch Co., respectively, indicating that an adequate supply of water is available to serve the proposed facility and the sewage treatment facility has adequate capacity to provide the required treatment of the sewage to be generated in the proposed addition.
2. The plans shall bear the seal or signature of the designing engineer, who is a registered engineer in the State of Wyoming.

Sewer

1. A manhole shall be installed at the end of each line except that lampholes may be installed in laterals that are not greater than 150' in length.
2. Cleanouts shall not be substituted for manholes.
3. Show the location of proposed water line crossings on the sewer profiles.
4. Provide an easement for the sewer line located on private property along the east side of Bel Vista Drive.

This is not a final review.

PERMIT TO CONSTRUCT

Mailed
12/22/78

- New
- Renewal
- Modified

Permit No. 78-699

Topaz Addition

(Name of Facility)

This permit hereby authorizes the applicant:

D. W. Haines & E. L. Alloway

(Last)

(First)

(Middle)

P. O. Box 517

(Street or P.O. Box)

Casper

(City)

Natrona

(County)

Wyoming 82601

(State)

to construct, install, or modify a Water Distribution & Sewage Collection
facility located in Section 12, T33N, R80W
(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. Orland
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

December 11, 1978

Date of Issuance

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

mailed to
2.1/15/79

PERMIT TO CONSTRUCT

New

Renewal

Permit No. 78-700

Modified

DIVIS SEWER

(Name of Facility)

This permit hereby authorizes the applicant:

Divis	Tom	
(Last)	(First)	(Middle)
c/o Timm & Associates		
P.O. Box 726		
(Street or P.O. Box)		
Gillette, WY 82716		
(City)	(County)	(State)

to construct, install, or modify a sewer line

facility located in Section 3, T.49N., 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. Gallo
Administrator
Water Quality Division

Robert E. Sardin
Director
Wyoming Dept. of Environmental Quality

January 15, 1979

Date of Issuance

cc: Bill Flaherty, City/County Engineer