

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

*mailed to  
L.R-1-77*

New

Renewal

Permit No. 78-351R

Modified

BLOCK 5 BICENTENNIAL ADDITION

(Name of Facility)

This permit hereby authorizes the applicant:

ESTES

MURL

C

(Last)

(First)

(Middle)

505 LEWIS

(Street or P.O. Box)

ROCK SPRINGS,

WYO.

82901

(City)

(State)

(Zip Code)

to construct, install, or modify a SEWAGE COLLECTION AND WATER DISTRIBUTION

facility located in SEC27, 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 L. Gale  
Administrator  
Water Quality Division

Robert E. Sundin  
Director  
Department of Environmental  
Quality

JANUARY 29, 1979.

Date of Issuance

C.C. PACIFIC POWER & LIGHT COMPANY  
920 S.W. SIXTH AVE  
PORTLAND, OREGON. 97204

ATTN: CHESTER E. ELSTON, P.E.  
SENIOR WATER SUPPLY ENGINEER

BENNETT-CARDER & ASSOCIATES INC  
P.O. BOX 1324  
507 5TH STREET  
ROCK SPRINGS, WYO. 82901

ATTN: HARRY J. KESSNER, P.E.

Book

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: ~~Bicentennial Addition~~  
~~Block 5~~  
~~Sec. 27, T19N, R105W, Sweetwater County~~

ARCHITECT OR ENGINEER: Bennett-Carder & Assoc.  
P. O. Box 1324  
Rock Springs, WY 82801

WATER QUALITY DIVISION REFERENCE NUMBER: ~~78-351~~

REVIEWING ENGINEER: David W. Hill

*William S. Garland*

DATE OF REVIEW: 7/17/78

ACTION: ~~NOT AUTHORIZED FOR CONSTRUCTION~~

COMMENTS:

1. Where are the water distribution system plans?
2. Supply details of the low pressure air or water leakage tests.
3. Water main, sewer main, sewer service line crossover details are needed.
4. All sewer lines serving two or more lots come under this Department's jurisdiction. Provide complete details. A cleanout or manhole is needed at the start of these lines.



REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: City of Casper  
Sunrise Hills #5 Addition  
Casper, Wyoming 82601

ARCHITECT OR ENGINEER: Worthington, Lenhart and Carpenter, Inc.  
622 South David, Casper, Wyoming 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 78-352R

REVIEWING ENGINEER: Thomas F. Hamm, Jake Strohman, P.E.

DATE OF REVIEW: 27 Sept 78

ACTION: Authorized for Construction

COMMENTS:

Sheet #1 must be changed to reflect the incorporation of the DEQ 4 May 78 comments (Change Stamps).

Book JS

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: ~~Summit Hills #5 Addition~~  
~~Casper, WY 82601~~

ARCHITECT OR ENGINEER: Worthington, Lenhart & Carpenter, Inc.  
632 South David St.  
Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: ~~78-352~~

REVIEWING ENGINEER: Tom Hamm

*William J. Hamm*

DATE OF REVIEW: 6/28/78

ACTION: ~~NOT AUTHORIZED FOR CONSTRUCTION~~

COMMENTS:

1. No specifications accompanied drawings.
2. North arrows required on each sheet and partial drawing.
3. Sheet #1 is not legible enough to glean over plan and data from it. Should be marked to show which pages details are located on.
4. Sheet #12, on Oak Street, the left line an 8" DI sewer line?
5. All lines are not sized.
6. Hydrant locations - in residential areas, fire hydrants spacing shall be no greater than 500 feet and no house shall be greater than 250 feet from a hydrant via a public access to the property being served. Hydrants normally shall be located at each intersection, generally on alternate sides of the street. Reference: Casper Board of Public Utilities Water Main Design Criteria (1978) See 2.07.
7. It is difficult to determine existing lines. No legend is presented.
8. This may not be construed as a final review.
9. Questions and/or clarifications should be directed to Tom Hamm, 777-7781.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-353

Bar-Nunn Ranch West Subdivision

(Name of Facility)

This permit hereby authorizes the applicant:

Wardwell Development Co. (James Croxton)  
(Last) (First) (Middle)

7400 Salt Creek Highway  
(Street or P.O. Box)

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

to construct, install, or modify a Water & Sewer Lines

facility located in Section 17 & 20, T34, R71  
(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. Lardin  
Director  
Wyoming Dept. of Environmental Quality

July 24, 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

New  
 Renewal  
 Modified

Permit No. 78-355R

Fairway Estates

(Name of Facility)

This permit hereby authorizes the applicant:

Fairway, Inc.

(Last)

(First)

(Middle)

P. O. Box 319

(Street or P.O. Box)

Douglas

(City)

Converse

(County)

Wyoming 82633

(State)

to construct, install, or modify a Potable Water System

facility located in Section 22, T32N, R71W  
(Legal Description)

in the County of Converse, 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. [Signature]  
Administrator  
Water Quality Division

Robert E. [Signature]  
Director  
Wyoming Dept. of Environmental Quality

July 24, 1978

Date of Issuance

PERMIT TO CONSTRUCT

*mailed*  
*10/3/78*

- New
- Renewal
- Modified

Permit No. 78-356

Wheatland Lagoon #3

(Name of Facility)

This permit hereby authorizes the applicant:

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

(Street or P.O. Box)

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

to construct, install, or modify a sewage lagoon  
facility located in Section 1, T1, R68  
(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 P. Gaudin  
Administrator  
Water Quality Division

Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality

September 20, 1978

Date of Issuance

Book

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: ~~Lagoon #3, Wheatland, WY~~

ARCHITECT OR ENGINEER: K & H Engineering  
P. O. Box 1089  
Wheatland, WY 82201

WATER QUALITY DIVISION REFERENCE NUMBER: 78-356

REVIEWING ENGINEER: Tom Hamm

DATE OF REVIEW: 6/27/78

ACTION: ~~NOT AUTHORIZED FOR CONSTRUCTION~~

COMMENTS:

1. No design data or engineering analysis submitted.
2. Outfall details required.
3. No engineer's seal and/or signature affixed.
4. How are personnel to get to the outflow control box?
5. Inlet details required.
6. The inlet position will induce short circuiting, the inlet and outlet should be directly opposite each other if possible (10 States Standards 94.3)
7. Manhole details required.
8. Rebar placement must be delineated.
9. Delineate infiltration, exfiltration tests and specify allowable leakage rates.
10. Pipe must be lamped and mandrel tested.
11. The section on back filling and and testing should be rewritten for gravity fed sewer lines. The "water hammer and surges" are minimal. What are he pipe vents for?
12. The allowable bend should be a maximum deflection angle.
13. Interconnecting piping and over flows shall be of cast iron or corrogated metal pipe of ample size (10 State Standards - 94.4)
14. Fencing is required.

This may not be construed as a final review. Questions and/or clarifications should be directed to Tom Hamm, 777-7781.

mailed  
10/20/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-358R

Carbon County Coal Mine Water Discharge Reservoir  
(Name of Facility)

This permit hereby authorizes the applicant:

Carbon County Coal Co.  
(Last) (First) (Middle)

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

Denver CO  
(City) (County) (State)

to construct, install, or modify a mine water discharge reservoir  
facility located in Section 33; T23N; R81W  
(Legal Description)

in the County of Carbon, 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 S. Gault  
Administrator  
Water Quality Division

Robert E. Lunden  
Director  
Wyoming Dept. of Environmental Quality

September 20, 1978  
Date of Issuance

mailed  
10/20/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-357R

Carbon County Coal Co. Sedimentation Reservoir  
(Name of Facility)

This permit hereby authorizes the applicant:

Carbon County Coal Co.  
(Last) (First) (Middle)

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

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

to construct, install, or modify a sedimentation reservoir  
facility located in Section 33; T23N; R81W  
(Legal Description)

in the County of Carbon, 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. Gauld  
Administrator  
Water Quality Division

Robert E. Auer  
Director  
Wyoming Dept. of Environmental Quality

September 20, 1978  
Date of Issuance

Plan 

REVIEW OF PLANS AND SPECIFICATIONS

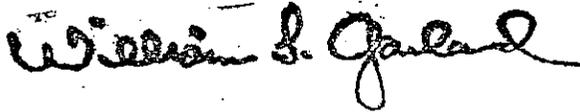
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
Hathaway Office Building  
Cheyenne, Wyoming 82002

PROJECT: ~~Carbon County Coal~~ Minewater Reservoir & Septic System  
~~4704 Harlan St.~~  
~~Denver, CO 80212~~

ARCHITECT OR ENGINEER: Ed E. Hershberger  
P.O. Box 37  
Hanna, WY 82327

WATER QUALITY DIVISION REFERENCE NUMBER: ~~78-358~~ 78-357

REVIEWING ENGINEER: Thomas F. Hamm



DATE OF REVIEW: 6/27/78

ACTION: ~~NOT AUTHORIZED FOR CONSTRUCTION~~

COMMENTS:

Septic System

Require septic tank size and specifications. Require design analysis and sizing criteria for septic tank and leach field. How many personnel and how many gallons per day?

Require manhole details.

Require percolation test data for leach field.

What type pipe is to be used?

Require pipe laying specifications.

Minewater Reservoir

Require soils data.

Require percolation test data.

Require inlet and outlet detail drawings.

What is the free board and design with what wind velocity?

What type pipe will be used for collection?

Require reservoir details.

Require pipe laying specifications.

Each drawing requires a Wyoming registered engineer's seal or signature. Mr. Hershberg's statement does not cover the design. A minimum of two copies of all drawings and specifications are required.

Review of Reference Number : 78-358

This may not be construed as a final review.

Questions and/or clarifications should be directed to Tom F. Hamm, 777-7781

PERMIT TO CONSTRUCT

mailed  
11/8/78

- New
- Renewal
- Modified

Permit No. 78-204M

Carbon County Coal Co.  
(Name of Facility)

This permit hereby authorizes the applicant:

Carbon County Coal Company  
 (Last) (First) (Middle)

P. O. Box 370  
 (Street or P.O. Box)

Hanna Carbon Wyoming 82327  
 (City) (County) (State)

to construct, install, or modify a Industrial Subsurface Disposal  
 facility located in Section 33, T23N, R81W  
 (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 S. Jones  
 Administrator  
 Water Quality Division

\_\_\_\_\_  
 Director  
 Wyoming Dept. of Environmental Quality

October 24, 1978

Date of Issuance

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-404

Carbon County Coal Office Building  
(Name of Facility)

This permit hereby authorizes the applicant:

Carbon County Coal  
(Last) (First) (Middle)  
4704 Harlan Street  
(Street or P.O. Box)  
Denver, Colorado 80212  
(City) (County) (State)

to construct, install, or modify a Septic System  
facility located in S33, T23N, R81W  
(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. Janda  
Administrator  
Water Quality Division

Robert E. Larkin  
Director  
Wyoming Dept. of Environmental Quality

July 27, 1978  
Date of Issuance



PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 78-405

Carbon County Coal (Bath House)  
(Name of Facility)

This permit hereby authorizes the applicant:

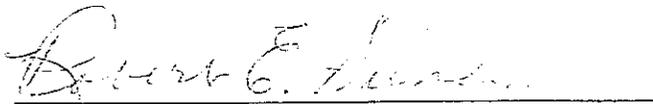
Carbon County Coal  
(Last) (First) (Middle)  
4704 Harlan Street  
(Street or P.O. Box)  
Denver, Colorado 80212  
(City) (County) (State)

to construct, install, or modify a Septic System  
facility located in S28, T23N, R81W  
(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:

  
Administrator  
Water Quality Division

  
Director  
Wyoming Dept. of Environmental Quality

July 27, 1978

Date of Issuance

Book

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Carbon County Coal Minewater Reservoir & Septic System  
4704 Harlan St.  
Denver, CO 80212

ARCHITECT OR ENGINEER: Ed E. Hershberger  
P.O. Box 37  
Hanna, WY 82327

WATER QUALITY DIVISION REFERENCE NUMBER: 78-358

REVIEWING ENGINEER: Thomas F. Hamm

DATE OF REVIEW: 6/27/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Septic System

Require septic tank size and specifications. Require design analysis and sizing criteria for septic tank and leach field. How many personnel and how many gallons per day?

Require manhole details.

Require percolation test data for leach field.

What type pipe is to be used?

Require pipe laying specifications.

Minewater Reservoir

Require soils data.

Require percolation test data.

Require inlet and outlet detail drawings.

What is the free board and design with what wind velocity?

What type pipe will be used for collection?

Require reservoir details.

Require pipe laying specifications.

Each drawing requires a Wyoming registered engineer's seal or signature. Mr. Hershberg's statement does not cover the design. A minimum of two copies of all drawings and specifications are required.

Review of Reference Number : 78-358

This may not be construed as a final review.

Questions and/or clarifications should be directed to Tom F. Hamm, 777-7781

Book

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-359

Lincoln Dike & Reservoir  
(Name of Facility)

This permit hereby authorizes the applicant:

Basin Electric Power Cooperative  
 (Last) (First) (Middle)

1717 E. Interstate Avenue  
 (Street or P.O. Box)

Bismarck North Dakota 58501  
 (City) (County) (State)

to construct, install, or modify a Dike & Sedimentation Reservoir  
 facility located in Section 6, T25N, R65W  
 (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 J. Garland  
 Administrator  
 Water Quality Division

Robert E. Lurdin  
 Director  
 Wyoming Dept. of Environmental Quality

July 7, 1978  
 Date of Issuance

PERMIT TO CONSTRUCT

New

Renewal

Permit No. 78-360

Modified

Federal American Partners  
(Name of Facility)

This permit hereby authorizes the applicant:

Federal American Partners  
(Last) (First) (Middle)  
Gas Hills Route  
(Street or P.O. Box)  
Riverton Fremont Wyoming 82501  
(City) (County) (State)

to construct, install, or modify a Tailings Ponds (2)  
facility located in Section 28 & 33, T33N, R90W  
(Legal Description)

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

Authorized by:

William L. Galand  
Administrator  
Water Quality Division

Robert E. Lundin  
Director  
Wyoming Dept. of Environmental Quality

August 21, 1978

Date of Issuance

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 78-361R

DONALD ROBERTS NORTH HEIGHTS SUBDIVISION - Eastern Single Family  
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Roberts</u>	<u>Donald</u>	<u>% Richard</u>	<u>Horak</u>
(Last)	(First)	(Middle)	
<u>T.S.P. Wyoming Company, 532 Val Vista</u>			
(Street or P.O. Box)			
<u>Sheridan</u>	<u>Sheridan</u>	<u>Wyoming 82801</u>	
(City)	(County)	(State)	

to construct, install, or modify a water distribution and sewage collection  
facility located in Section 21, T56N, R84W  
(Legal Description)

in the County of Sheridan, in the State of  
Wyoming. This permit shall be effective for a period of \_\_\_\_\_ 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. Menden  
Director  
Wyoming Dept. of Environmental Quality

October 6, 1978  
Date of Issuance

cc: Douglas Wolcher, Wright-McLaughlin Engineers, 2420 Alcott St., Denver, CO 80211

Book

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: ~~Donald Roberts North Heights Subdivision~~

ARCHITECT OR ENGINEER: TSP Wyoming  
532 Val Vista  
Sheridan, WY 82801

WATER QUALITY DIVISION REFERENCE NUMBER: ~~78-361~~

REVIEWING ENGINEER: Dan Kim, Tom Mueller

*William S. Garland*

DATE OF REVIEW: 7/5/78

ACTION: ~~NOT AUTHORIZED FOR CONSTRUCTION~~

COMMENTS:

1. A letter from the City of Sheridan should be provided, stating that the City can provide adequate water and sewer service to the subdivision.
2. Please indicate when and how the Future Connections from Manholes S-1 and O-1A are to be completed into the City sewer system.
3. Many of the ASTM standards referred to in the specifications are outdated. Standards of this type should be referred to "the latest revision".
4. The maximum allowable rate of sewer infiltration or exfiltration is 200 gallons per inch diameter per mile per day.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-362

Weston County Fire Station Sewer & Water  
(Name of Facility)

This permit hereby authorizes the applicant:

Weston County Fire Department  
(Last) (First) (Middle)  
Weston County Courthouse  
(Street or P.O. Box)  
Newcastle Weston Wyoming 82701  
(City) (County) (State)

to construct, install, or modify a Water & Sewer Extension  
facility located in Section 29 & 31, T45N, R62W  
(Legal Description)  
in the County of Weston, 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. [Signature]  
Administrator  
Water Quality Division

Robert E. [Signature]  
Director  
Wyoming Dept. of Environmental Quality

July 7, 1978  
Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Bridger Valley Water Project, Phase 1  
Bridger Valley Joint Powers Board, Lyman, Uinta, Wyoming

ARCHITECT OR ENGINEER: Uinta Engineering and Surveying, Inc.  
808 Main  
Evanston, Wyoming

WATER QUALITY DIVISION REFERENCE NUMBER: ~~78-363~~ 78-363

REVIEWING ENGINEER: Thomas F. Hamm, Jake Strohman, P.E.

DATE OF REVIEW: 27 Sept. 78

ACTION: Tacit Concurrence with As Built

COMMENTS:

This office does not issue permits for As Built systems; however, this serves as concurrence with the project.

cc: Grant Walker, Box 328, Lyman, WY 82937

Book

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: **Bridger Valley Water Project Phase I (as built)**  
**Lyman - Uinta County**

ARCHITECT OR ENGINEER: Uinta Engineering and Surveying, Inc.  
P. O. Box 746  
Evanston, WY. 82730

WATER QUALITY DIVISION REFERENCE NUMBER: ~~78-363~~

REVIEWING ENGINEER: Tom F. Hamm

DATE OF REVIEW: 7/7/78

ACTION: ~~NONE~~

COMMENTS:

Sheet 6 - How was the pipe laid across the dry wash? Require details.

Sheet 7 - The river crossing does not meet the 10 State Standards, Page 92, para. 8.7.2.

With the installation of a proper river crossing and satisfactory date on the dry wash, DEQ concurrence with the "as built" project will be given.

Book

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-364

Hickory Avenue Water Line  
(Name of Facility)

This permit hereby authorizes the applicant:

Raymer Construction  
(Last) (First) (Middle)

P. O. Box 1078  
(Street or P.O. Box)

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

to construct, install, or modify a Waterline  
facility located in Section 14, T17, R84  
(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 J. Galand  
Administrator  
Water Quality Division

Robert E. Surdin  
Director  
Wyoming Dept. of Environmental Quality

July 13, 1978  
Date of Issuance

Mailed - 8/24/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-365

Butain Power & Equipment  
(Name of Facility)

This permit hereby authorizes the applicant:

Butain Power & Equipment Co.  
 (Last) (First) (Middle)  
P.O. Box 45  
 (Street or P.O. Box)  
Powell Park Wy 82435  
 (City) (County) (State)

to construct, install, or modify a subsurface disposal

facility located in R.S. Lot 68, T55N R99W  
(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 L. Gauland  
 Administrator  
 Water Quality Division

Robert E. Sturdivant  
 Director  
 Wyoming Dept. of Environmental Quality

8-3-78

Date of Issuance

CC: Richard E. Myrick, P.O. Box 535, Powell, Wy 82435

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 78-366

Liquid Energy Gas Plant  
(Name of Facility)

This permit hereby authorizes the applicant:

Liquid Energy Corporation  
(Last) (First) (Middle)  
P. O. Box 872  
(Street or P.O. Box)  
Douglas Converse Wyoming 82633  
(City) (County) (State)

to construct, install, or modify a Waste Collection System  
facility located in Section 10, T36N, R70W  
(Legal Description)

in the County of Converse, 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. Chula  
Administrator  
Water Quality Division

Robert E. Lundin  
Director  
Wyoming Dept. of Environmental Quality

July 24, 1978  
Date of Issuance

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-367

Wyoming National Guard Armory  
(Name of Facility)

This permit hereby authorizes the applicant:

Wyoming Air National Guard  
(Last) (First) (Middle)  
P. O. Box 1709  
(Street or P.O. Box)  
Cheyenne Laramie Wyoming 82001  
(City) (County) (State)

to construct, install, or modify a Septic System  
facility located in Section 10, 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 J. Gale  
Administrator  
Water Quality Division

Robert E. Lundin  
Director  
Wyoming Dept. of Environmental Quality

July 27, 1978  
Date of Issuance

mailed-  
9/7/78



PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-368R

TOWN OF LOVELL

(Name of Facility)

This permit hereby authorizes the applicant:

<u>COCKRELL</u>	<u>CHARLES</u>	
(Last)	(First)	(Middle)
<u>663 NEVADA AVE</u>		
(Street or P.O. Box)		
<u>LOVELL</u>	<u>WYOMING</u>	<u>82431</u>
(City)	(County)	(State)

to construct, install, or modify a SEWAGE COLLECTION  
 facility located in SEC. 14 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. Jalar  
 Administrator  
 Water Quality Division

Robert E. Sandlin  
 Director  
 Wyoming Dept. of Environmental Quality

8-25-78

Date of Issuance

c.c. Richard E. Myrick, P.O. BOX 535, Powell, Wyo. 82435

mailed  
10/16/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-370R

Britt Well Service No. 1

(Name of Facility)

This permit hereby authorizes the applicant:

Britt Well Service

---

(Last) (First) (Middle)

P. O. Box 806

---

(Street or P.O. Box)

Rock Springs Sweetwater Wyoming 82901

---

(City) (County) (State)

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

facility located in Section 9, 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 L. Galand  
 Administrator  
 Water Quality Division

Robert E. Lurdin  
 Director  
 Wyoming Dept. of Environmental Quality

October 6, 1978  
 Date of Issuance

mailed -  
8/25/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-371

Sanitary Sewage Extension - Town of Dayton  
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Dayton  
 (Last) (First) (Middle)  
c/o Walter J. Pilch  
45 E. Loucks  
 (Street or P.O. Box)

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

to construct, install, or modify a Sanitary Sewer  
 facility located in Section 32, T57, R86  
 (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 L. Jones  
 Administrator  
 Water Quality Division

Robert E. Sundin  
 Director  
 Wyoming Dept. of Environmental Quality

August 11, 1978  
 Date of Issuance

11  
6-13-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-372RR

Pacific Power & Light, Jim Bridger Project  
(Name of Facility)

This permit hereby authorizes the applicant:

Pacific Power & Light Company  
(Last) (First) (Middle)

920 SW Sixth Avenue  
(Street or P.O. Box)

Portland, OR 97204  
(City) (County) (State)

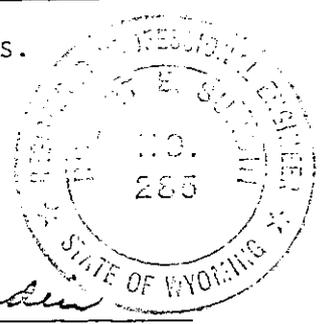
to construct, install, or modify a industrial evaporative  
facility located in Sec. 35, T21N, R101W  
(Legal Description)

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:

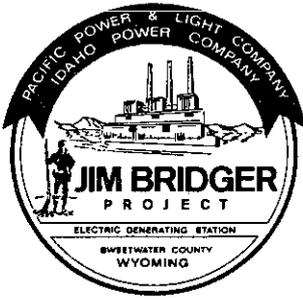
William L. Paul  
 Administrator  
 Water Quality Division # 1479  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF WYOMING \* 6 \*

Robert E. Sundeen  
 Director  
 Wyoming Dept. of Environmental Quality



June 12, 1980  
Date of Issuance

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



**IDAHO POWER COMPANY  
PACIFIC POWER & LIGHT COMPANY**

**JIM BRIDGER PROJECT**

COORDINATING OFFICE  
920 S. W. SIXTH AVENUE  
PORTLAND, OREGON 97204  
(503) 243-1122

June 9, 1980

*OK to  
renew  
2/22/81*

Water Quality Division  
Department of Environmental Quality  
Hathaway Office Building  
Cheyenne, Wyoming 82002



Gentlemen:

Subject: Jim Bridger Project  
Unit 4 FGD Pond  
Permit No. 78-372 RR

The permit referenced above was issued December 29, 1978 with an effective period of two years. In our application for this permit, we had indicated that the construction of the dikes for the Unit 4 FGD effluent pond would be in two phases. The first phase which included the construction of the zoned embankment labeled as "Dike A" on the plans has been completed. The second phase, in which two smaller dikes labeled as "Dike B (Future)" will be constructed, has not yet begun. We anticipate that construction of Dike B will begin in the first quarter of 1981.

Since our permit to construct this facility expires at the end of this year (1980), we are requesting that a renewal of this permit be granted.

The Scope of Work for this construction activity has remained unchanged since the original application. However, if you require additional information or have questions relating to this permit, please contact this office. We can be reached at the address shown above or by telephone at (503) 243-4647.

Yours truly,

G. L. Larsen  
Project Manager

GLL:cbh

mailed to  
L. 1/12/79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-372RR

Pacific Power & Light, Jim Bridger Project  
(Name of Facility)

This permit hereby authorizes the applicant:

Pacific Power & Light Company  
 (Last) (First) (Middle)

920 SW Sixth Avenue  
 (Street or P.O. Box)

Portland Oregon 97204  
 (City) (County) (State)

to construct, install, or modify an Industrial Evaporative  
 facility located in Section 35, T21N, R101W  
 (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. Garland  
 Administrator  
 Water Quality Division

Robert E. Sundin  
 Director  
 Wyoming Dept. of Environmental Quality

December 29, 1978  
 Date of Issuance

Book

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: ~~Pacific Power & Light Company~~  
~~Jim Bridger Project, Scrubber Effluent Pond~~  
~~Sec. 35, T21N, R101W~~

ARCHITECT OR ENGINEER: Pacific Power & Light Company

Jim Bridger Project  
920 SW Sixth Ave.  
Portland, Oregon 97204  
ATTN: S. L. Campagna

WATER QUALITY DIVISION REFERENCE NUMBER: ~~78-372~~

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

DATE OF REVIEW: August 1, 1978

ACTION: ~~NOT AUTHORIZED FOR CONSTRUCTION.~~

COMMENTS:

1. Please submit two copies of all plans and specifications. One set shall be returned to you upon our approval.
2. All plans and specifications must be signed by an engineer registered in the State of Wyoming.
3. Complete information is needed as required by the "Guidelines for Wastewater Pond Construction Permit Applications."

Enclosure: "Guidelines for Wastewater Pond Construction Permit Applications"

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Pacific Power & Light Company  
Jim Bridger Project Scrubber Effluent Pond  
Pacific P. & L. Co., 920 SW Sixth AV, Portland, OR 97204 ATTN: S.L. Campagna  
ARCHITECT OR ENGINEER:

WATER QUALITY DIVISION REFERENCE NUMBER: 78-372

REVIEWING ENGINEER: David Hill

*John Stoshman PE*

DATE OF REVIEW: 8/1/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Please submit the copies of all plans and specifications. One set will be returned to you upon approval.
2. All plans and specifications must be signed by an engineer registered in the State of Wyoming.
3. Complete information is needed as required by the "Guidelines for Wastewater Pond Construction Permit Applications".

Enclosed: "Guidelines for Wastewater Pond Construction Permit Applications"

PERMIT TO CONSTRUCT

*filed*  
*9/8/78*

- New
- Renewal
- Modified

Permit No. 78-373  
 Ref. No. 77-512, 78-211R, 78-285, 78-312, 78-154R

22-SRI & 35 SRI Reservoir - Thunder Basin Coal  
 (Name of Facility)

This permit hereby authorizes the applicant:

<u>Thunder Basin Coal Company</u>	<u>c/o E. M. Sunwoo</u>	
(Last)	(First) (Middle)	
<u>P. O. Box 1569</u>		
(Street or P.O. Box)		
<u>Gillette</u>	<u>Campbell</u>	<u>Wyoming 80202</u>
(City)	(County)	(State)

to construct, install, or modify a Storm Water Runoff Ponds  
 facility located in Section 22, T43, R70 & Section 35, T43, R70  
 (Legal Description)

in the County of Campbell, 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. Gallo  
 Administrator  
 Water Quality Division

Robert E. Funder  
 Director  
 Wyoming Dept. of Environmental Quality

August 23, 1978

Date of Issuance

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

Mailed- 8/23/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-374R

Legion Field Addition - Sewer Line  
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Casper Board of Public Utilities</u>		
(Last)	(First)	(Middle)
<u>200 North David</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 Sewer Line  
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. Lundin  
Director  
Wyoming Dept. of Environmental Quality

August 14, 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-*  
*9/26/78*

New

Renewal

Permit No. 78-375

Modified

CLEANCOAT SEPTIC SYSTEM

(Name of Facility)

This permit hereby authorizes the applicant:

COMMERCIAL BUILDING SYSTEMS INC.

(Last)

(First)

(Middle)

1971 EAST YELLOWSTONE

(Street or P.O. Box)

CASPER

WYO

82601

(City)

(State)

(Zip Code)

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

facility located in SEC. 32,31 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. Garland  
Administrator  
Water Quality Division

Robert E. Jordan  
Director  
Department of Environmental  
Quality

SEPTEMBER 11, 1978.

Date of Issuance

Mailed - 8/24/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-376 R

Owen Avenue Water Line

(Name of Facility)

This permit hereby authorizes the applicant:

Town of Lyman  
 (Last) (First) (Middle)

P.O. Box 328  
 (Street or P.O. Box)

Lyman Uinta Wyoming 82937  
 (City) (County) (State)

to construct, install, or modify a water distribution  
 facility located in Sec 29,31,32, T16N R114W  
 (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 J. Galan  
 Administrator  
 Water Quality Division

Robert E. Sundin  
 Director  
 Wyoming Dept. of Environmental Quality

8-15-78  
 Date of Issuance

CC: Uinta Engineering & Surveying, Inc., P.O. Box 746, Evanston Wy 82930

PERMIT TO CONSTRUCT

mailed  
10/20/78

- New
- Renewal
- Modified

Permit No. 78-377

Automotive Machine & Supply Company  
(Name of Facility)

This permit hereby authorizes the applicant:

Automotive Machine & Supply Company  
Roger A. Swinner

(Last) (First) (Middle)

7020 Salt Creek Highway

(Street or P.O. Box) \_\_\_\_\_

Casper Natrona Wyoming 82601-2601

(City) (County) (State)

to construct, install, or modify a septic system

facility located in Sec. 6, T33N, R89W  
(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. Harkin  
Director  
Wyoming Dept. of Environmental Quality

September 20, 1978

Date of Issuance

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



RRQ.

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

PROJECT: GRANGER PARK SUBDIVISION

ENGINEER: BUSH & GUDGELL, INC.  
P.O. BOX 1144  
ROCK SPRINGS, WYO. 82901

OWNER:

WATER QUALITY DIVISION REFERENCE NUMBER: 78-379RR

REVIEWING ENGINEER: DAVID W. HILL

DATE OF REVIEW: NOVEMBER 24, 1978

ACTION: NOT AUTHORIZED.

COMMENTS:

GENERAL

1. The owner or owners designated representative must fill out and submit the "Application for Permit to Construct".
2. A letter is still needed from The Town of Granger indicating that the town will provide water and sewer service for this subdivision.

SEWER SYSTEM

3. The proposed new lift station at the lagoon site is too small to handle the Town of Granger plus this subdivision. A letter is needed from the Town of Granger or Nelson Engineering explaining how this problem will be solved. A "Permit to Construct" cannot be issued until this is resolved.

WATER SYSTEM

4. The booster station must have an automatic cut-off at 5-10 psi in the suction line.
5. A vault and isolating valves should be provided at the bypass check valve.

c.c. TOWN OF GRANGER  
P.O. BOX 42  
GRANGER, WYO. 82934



Tohonder  
11/15/78

New

Renewal

Permit No. 78-381RR

Modified

WORLAND WATER TREATMENT PLANT EXPANSION

(Name of Facility)

This permit hereby authorizes the applicant:

CITY OF WORLAND

(Last)

(First)

(Middle)

P.O. BOX 816

(Street or P.O. Box)

WORLAND

WYO.

82401

(City)

(State)

(Zip Code)

to construct, install, or modify a WATER TREATMENT PLANT

facility located in SEC. 25 T.47N R.92 1/2 W

(Legal Description)

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

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

Authorized by:

William S. Garland  
Administrator  
Water Quality Division

Robert E. Surdin  
Director  
Department of Environmental  
Quality

NOVEMBER 8, 1978.

Date of Issuance

NOTE THAT THIS PERMIT DOES NOT INCLUDE THE WATER STORAGE RESERVOIR THAT WAS CONTAINED IN THE PLANS.

DEQ

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
933 MAIN STREET,  
LANDER, WYOMING 82520

PROJECT: WORLAND WATER TREATMENT PLANT EXPANSION

ARCHITECT OR ENGINEER: BRUCE R. ELMS, P.E.  
BLACK & VEATCH CONSULTING ENGINEERS, 12075 E 45TH AVE  
DENVER, COLO 80239

WATER QUALITY DIVISION REFERENCE NUMBER: 78-381R

REVIEWING ENGINEER: RICHARD ENGELMANN, P.E., ROY E. PRIOR, P.E. *Roy E. Prior*

DATE OF REVIEW: OCTOBER 4, 1978

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. We are concerned about the influent line to the filters. At design flow and peak design flow the velocity will be excessive. The influent line may have to be changed in the future. The addition of the filter aid (polymer) may remedy this by strengthening the floc.
2. It appears the level of the water in the storage tank varies with other functions at the plant in addition to the backwash operation. We would suggest a flow meter be used in the back-wash line.
3. The storage tank presents problems. We would like to see the shop drawings before issuing a permit to construct the storage tank.
4. We are concerned about the lack of back-ups for the chemical feeders. In terms of Priority, a back-up for the Ferric Sulfate feeder would be most desirable.
5. Due to the high sulfate in the raw water, do you have any concerns over the use of the ferric sulfate?
6. Per our phone conversation, we are expecting a reply about the wasting of the initial filter run.
7. We understand there are to be changes made to reduce the total cost of the project. Please submit these changes to us.
8. This cannot be considered a final review.

c.c. City of Worland  
P.O. Box 816, Worland, Wyo. 82401



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 78-382RR

FOUR SEASONS MOBILE HOME PARK

(Name of Facility)

This permit hereby authorizes the applicant:

<u>BARNEY</u>	<u>GARY</u>	<u>N</u>
(Last)	(First)	(Middle)
<u>277 MAIN STREET</u>		
(Street or P.O. Box)		
<u>LANDER,</u>	<u>WYOMING</u>	<u>82520</u>
(City)	(State)	(Zip Code)

to construct, install, or modify a PUBLIC WATER AND SEWER SYSTEM

facility located in SEC8 T33N R99W

(Legal Description)

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

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

Authorized by:

William L. Garland  
Administrator  
Water Quality Division

Ron E. Thomas  
Director  
Department of Environmental  
Quality

OCTOBER 2, 1978.  
Date of Issuance

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 78-383

Flint Engineering Small Waste Facility

(Name of Facility)

This permit hereby authorizes the applicant:

Flint Engineering and Construction Co.

(Last) (First) (Middle)

210 Highway 30 East

(Street or P.O. Box)

Evanston Uinta Wyoming 82930

(City) (County) (State)

to construct, install, or modify a Septic tank - Leach field  
facility located in Section 19, T16N, 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. Gale  
Administrator  
Water Quality Division

Robert E. Durbin  
Director  
Wyoming Dept. of Environmental Quality

July 28, 1978

Date of Issuance

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 78-384

Radon Springs, Fremont County, Wyoming  
(Name of Facility)

This permit hereby authorizes the applicant:

Texas Gulf  
(Last) (First) (Middle)  
5934 McIntyre Street  
(Street or P.O. Box)  
Golden Colorado 80401  
(City) (County) (State)

to construct, install, or modify a subsurface disposal system  
facility located in Section 12, T27N, R93W  
(Legal Description)

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

Authorized by:

William L. Galand Administrator  
Water Quality Division  
Robert E. Lundin Director  
Wyoming Dept. of Environmental Quality

July 28, 1978

Date of Issuance

THE STATE



OF WYOMING

9-29-80  
LOH  
Reviewed  
Mark  
S. Constant

Co. file

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

September 30, 1980

Mr. Lee Ekman  
Hi Country Motel  
Afton, WY 83110

Re: Hi Country Motel and Residence  
DEQ Reference #78-385

The septic tank and leach field disposal system for Hi Country Motel and residence were constructed in violation of Chapter III of the Wyoming Water Quality Rules and Regulations. The "Permit to Construct" was not issued because there was no response to the review letter of your application dated July 24, 1978.

On September 29, 1980 this office received a letter from Lael Eddins, Public Utilities Commissioner in Afton, stating your facilities will be connected to the Town's system upon completion of the new sewer line on approximately October 15, 1980.

Tie in to the Town Sewer system and abandonment of the illegal septic system is a solution acceptable to this office. Please be advised that in the future if you should be involved in any illegal construction of a sewer or water system it will be the recommendation of this office that a Notice of Violation be issued.

Respectfully,

Francis LaBarge  
Water Quality Engineer  
Southwest District

FL/yh

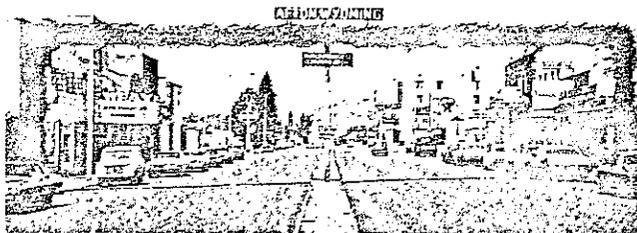
Enclosure

cc: DEQ/WQD Cheyenne  
Lael Eddins

# THE TOWN OF AFTON



WYOMING'S DAIRY CENTER  
AND VACATIONLAND



AFTON, WYOMING 83110



LOCATED ON U. S. 89 IN  
BEAUTIFUL STAR VALLEY

September 25, 1980

Department of Environmental Quality  
933 Main Street  
Lander, WY 82520

Attention: Frank LaBarge

Dear Mr. LaBarge,

This letter is to advise you that Mr. Lee Eckman dba Hi Country Inn, of Afton, Wyoming has requested sewer service.

The Town of Afton will be able to provide this service upon completion of the new Hospital annexation sewer line. The new line is scheduled for completion approximately October 15, 1980. At this time we will be able to honor Mr. Eckman's request.

Upon completion of the sewer line the same contractor will be available to hook the Hi Country Inn to the new sewer line. If I can be of any further assistance, please feel free to contact me.

One other problem I would like to discuss with you was contained in your letter dated August 20, 1980. In the letter you stated that "Identification signs (i.e., "Wastewater Lagoon - Keep Out") for the treatment plant should be placed around the facility in order to help prevent the entrance of unauthorized personnel". Our signs presently read "Sewer Lagoon - Keep Out". The question arises, did you fail to see the signs, or, do we have to replace the signs.

Please advise as to the above mentioned.

Respectfully,

Lael M. Eddins  
Public Utilities Commissioner

LME:kc

cc Lee Eckman





*Department of Environmental Quality*  
*Water Quality Division*

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

July 21, 1980

CERTIFIED MAIL

Hi Country Motel  
U.S. Highway 89  
Afton, WY 83110

Attention: Lee Ekman

Dear Mr. Ekman:

Re: Hi Country Motel and Residence  
DEQ #78-385

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/kn

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 78-386

Teton Terraces Subdivision  
(Name of Facility)

This permit hereby authorizes the applicant:

City of Casper  
(Last) (First) (Middle)  
(Street or P.O. Box)  
Casper Natrona Wyoming 82601  
(City) (County) (State)

to construct, install, or modify a Water and Sewer Mains  
facility located in Section 13 & 24, 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 J. Gales  
Administrator  
Water Quality Division

Robert E. Hansen  
Director  
Wyoming Dept. of Environmental Quality

July 27, 1978

Date of Issuance

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

THE STATE



OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

July 18, 1978

78-386

Worthington, Lenhart & Carpenter, Inc.  
632 South David  
Casper, Wyoming 82601

Dear Sirs:

Your plans of Teton Terraces, Sanitary Sewer Main were inadvertently thrown away by our custodian yesterday. We had just received them that morning.

If you will submit new copies of these plans we will not lose any time in reviewing them.

We are very sorry for the inconvenience and will see to the new submittals promptly.

Sincerely,

Connie Farro  
Water Quality Division

THE STATE



OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*

*Water Quality Division*

78-387

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

July 18, 1978

5/10  
78-315

Charles K. Wolz & Associates  
P. O. Box 322  
Casper, Wyoming 82601

Dear Sirs:

Your plans for The Town of Glenrock, Local Improvement District No. 3, were inadvertently thrown away by our custodian yesterday. We had just received the plans that morning.

If you will submit new copies of these plans we will not lose any time in the review process.

We are very sorry for the inconvenience and will see to the new submittals promptly.

Sincerely,

Connie Farro  
Water Quality Division

PERMIT TO CONSTRUCT

*mailed*  
*10/23/78*

- New
- Renewal
- Modified

Permit No. 78-388R

Painter Reservoir Unit

(Name of Facility)

This permit hereby authorizes the applicant:

Chevron, U.S.A., Inc.

(Last) (First) (Middle)

P. O. Box 599

(Street or P.O. Box)

Denver, Colorado

(City) (County) (State)

to construct, install, or modify a aeration tank-leach field  
facility located in Sec. 6, T15N, R119W  
(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 R. Garland  
Administrator  
Water Quality Division

Robert E. Hendon  
Director  
Wyoming Dept. of Environmental Quality

September 22, 1978

Date of Issuance

cc: Uinta Engineering, P. O. Box 746, Evanston, WY 82930

THE STATE



OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*

*Water Quality Division*

7-18-78

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

July 18, 1978

Chevron U.S.A. Inc.  
P. O. Box 599  
Denver, Colorado 80201

Dear Sirs:

Your plans for the Painter Reservoir Field in Uinta County, Wyoming, were inadvertently thrown away by our custodian yesterday. We had just received the plans that morning.

If you will submit new copies of these plans we will not lose any time in the review process.

We are very sorry for the inconvenience and will see to the new submittals promptly.

Sincerely,

Connie Farro  
Water Quality Division

mailed  
9/25/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-389

B-3 Southeast Sediment Reservoir  
(Name of Facility)

This permit hereby authorizes the applicant:

Bear Creek Uranium Company  
 (Last) (First) (Middle)  
 ATTN: Richard Fox  
 P. O. Box 2654  
 \_\_\_\_\_  
 (Street or P.O. Box)  
 \_\_\_\_\_  
 Casper Converse Wyoming 82602  
 (City) (County) (State)

to construct, install, or modify a Sediment Containment Pond  
 facility located in Section 3, T38N, R73W  
 (Legal Description)  
 in the County of Converse, 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

September 14, 1978  
 Date of Issuance

*mailed*

*9/25/78*

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-390

B-3 East Sediment Reservoir  
(Name of Facility)

This permit hereby authorizes the applicant:

Bear Creek Uranium Company  
 (Last) (First) (Middle)  
 ATTN: Richard Fox  
 P. O. Box 2654  
 (Street or P.O. Box)

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

to construct, install, or modify a Sediment Containment Pond  
 facility located in Section 3, T38N, R73W  
 (Legal Description)

in the County of Converse, 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. Garland  
 Administrator  
 Water Quality Division

Robert E. Hendin  
 Director  
 Wyoming Dept. of Environmental Quality

September 14, 1978  
 Date of Issuance

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 78-391

Paradise Valley Sewage Treatment Plant  
(Name of Facility)

This permit hereby authorizes the applicant:

Paradise Valley Utility Co.  
(Last) (First) (Middle)  
290 Valley Rd.  
(Street or P.O. Box)  
Casper Natrona Wyoming 82601  
(City) (County) (State)

to construct, install, or modify a deodorizing aerator system  
facility located in Section 14, 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. Gals  
Administrator  
Water Quality Division

Robert E. Spindler  
Director  
Wyoming Dept. of Environmental Quality

July 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

PROJECT: ~~Paradise Valley Utility Company Pump and Pump House Detail for Proposed Well No. 5, Natrona County.~~

ARCHITECT OR ENGINEER: Worthington, Lenhart, and Carpenter, Inc., 632 South David Street, Casper, Wyoming 82601

WATER QUALITY DIVISION REFERENCE NUMBER: ~~78-392~~

REVIEWING ENGINEER: Robert H. Pinther, P.E.

DATE OF REVIEW: July 20, 1978

ACTION: ~~NOT AUTHORIZED FOR CONSTRUCTION~~

COMMENTS:

- 1) Provide earth fill as needed at the well to allow sloping of the ground surface away from the well for a distance of at least 50 feet in all directions.
- 2) Submit specifications (2 copies) covering, but not necessarily limited to, the pump house construction and building materials, electrical wiring and controls, well pump curve, construction of the pipeline from the well to the existing collector line, etc.
- 3) The well shall have a water tight reinforced concrete cover and casing at least 6 inches thick and poured integrally. The casing shall extend from a point at least 12 inches above the final ground level at the well to a depth of at least 10 feet below ground level. (See enclosure entitled, " Proper Dug Well Installation.")
- 4) The pump motor base shall be of the recessed type and a pipe sleeve cast in the well cover around the "8 inch (pump) column piping" shall extend up into the pump motor base a distance of at least one inch. (See above enclosure) The pump motor base shall then be grouted into the concrete base on which the pump rests to make a tight seal.
- 5) The gravel pack around the well shall not extend up to within 10 feet of the ground surface at the well.
- 6) Provide a smooth nosed sampling faucet in the pump discharge pipe at a point where positive pressure is maintained.
- 7) The pump house floor level shall be at least 6 inches above the final ground surface established at the well.
- 8) Provide a pump house floor drain which discharges through water tight drain pipe to an absorption pit located at least 30 feet from the well.

page 2

Paradise Valley Utility Company - Pump and Pump House Detail, Natrona County

78-392

- 9) Provide additional chlorination equipment as needed to enable automatic chlorination of water which has been pumped from the new and existing wells. This equipment shall have adequate capacity to maintain a free chlorine residual of 1 - 2 parts per million at all times and under all conditions of flow in the water delivered to the distribution system from the chlorine contact chamber.
- 10) Identify Well No. 5 on the location map.
- 11) To assure the delivery of safe water to the distribution system under all flow conditions additional chlorine contact chamber capacity should be provided to give a detention of atleast 30 minutes during periods of maximum water output. The additional capacity should be provided as soon as practical but no later than the beginning of the 1979 heavy water usage season.

Enclosure

cc: Paradise Utility Company, 290 Valley Drive, Casper, Wyoming 82601

Book

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Town of Sundance - Alden's Addition, Water and Sewer Improvements

ARCHITECT OR ENGINEER: Ralph Goodson, Bearlodge Engineering  
Box 125. Sundance, WY 82729

WATER QUALITY DIVISION REFERENCE NUMBER: 78-393

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

DATE OF REVIEW: July 18, 1978

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. A location map is needed.
2. A letter for the City of Sundance should be provided, stating that the City can provide adequate water and sewer services to the subdivision

Water Lines

3. Dead ends of 6" water main shall be provided with fire hydrants.
4. Please show the existing water lines, including size and material, into which the new water mains are to be connected.
5. Sufficient valves should be provided on water mains to minimize inconvenience during repairs.
6. Do Mueller A2380-21 gate valve and Mueller A-423 fire hydrant meet the requirements of AWWA C500 and AWWA C502, respectively?

Sewer Lines

7. MH 3-1 was not shown on the plan view sheet.
8. Please discuss the size and capacity of the existing sewer lines.
9. The typical drawing and specifications should cover the unusual condition of water-sewer crossing. These shall meet Section 15, Chapter IV of the Wyoming Water Quality Rules and Regulations.

111



PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 78-393R

Town of Sundance - Aldens Addition

(Name of Facility)

This permit hereby authorizes the applicant:

Humphrey

(Last)

Bud c/o Ralph Goodson

(First)

(Middle)

Box 125

(Street or P.O. Box)

Sundance

(City)

Crook

(County)

Wyoming 82729

(State)

to construct, install, or modify a Water Distribution & Sewage Collection

facility located in Section 13, T51, R63

(Legal Description)

in the County of Crook, 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. Gales  
Administrator  
Water Quality Division

Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality

August 22, 1978

Date of Issuance

PERMIT TO CONSTRUCT

*Mailed*  
*9/8/78*

- New
- Renewal
- Modified

Permit No. 78-394

Eagle Butte Mine Sewage Lagoon  
(Name of Facility)

This permit hereby authorizes the applicant:

AMAX Coal Company

(Last) (First) (Middle)

P. O. Box 878

(Street or P.O. Box)

Gillette Campbell Wyoming 82716

(City) (County) (State)

to construct, install, or modify a Sewage Lagoon

facility located in Section 15, T51N, R72W  
(Legal Description)

in the County of Campbell, 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

August 22, 1978

Date of Issuance

mailed -  
9/11/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-397

Thayne Wastewater Collection System  
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Thayne  
(Last) (First) (Middle)

P. O. Box 298  
(Street or P.O. Box)

Thayne Lincoln Wyoming 83127  
(City) (County) (State)

to construct, install, or modify a Flow Monitoring & Flow Sampling Stations  
facility located in Section 23, T34N, R119W  
(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 J. Gula  
Administrator  
Water Quality Division

Robert E. Auer  
Director  
Wyoming Dept. of Environmental Quality

August 22, 1978  
Date of Issuance  
cc: Tudor Engineering, 1802 North 33rd St., Boise, ID 83703  
ATTN: Richard Orton, P.E.



PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 78-399

Corkill Mound System  
(Name of Facility)

This permit hereby authorizes the applicant:

Corkill                      Allen                      L.  
(Last)                              (First)                              (Middle)  
648 Pineview Place  
(Street or P.O. Box)  
Casper                      Natrona                      Wyoming 82601  
(City)                              (County)                              (State)

to construct, install, or modify a Waste Treatment Facility  
facility located in Section 24, 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 L. Janda  
Administrator  
Water Quality Division

Robert E. Lundin  
Director  
Wyoming Dept. of Environmental Quality

July 24, 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

- New
- Renewal
- Modified

Permit No. 78-400

Jim's Well Service

(Name of Facility)

This permit hereby authorizes the applicant:

<u>Jackson</u> (Last)	<u>John</u> (First)	<u></u> (Middle)
<u>302 North 6th</u> (Street or P.O. Box)		
<u>Casper</u> (City)	<u>Natrona</u> (County)	<u>Wyoming 82601</u> (State)

to construct, install, or modify a Waste Treatment Facility  
facility located in Section 34, T34N, T80W  
(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. Janda  
Administrator  
Water Quality Division

Robert E. Surdin  
Director  
Wyoming Dept. of Environmental Quality

July 24, 1978

Date of Issuance

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