

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 78-401

S. and B. Investments
(Name of Facility)

This permit hereby authorizes the applicant:

Lineweber, Sage & Briggs Investments
(Last) (First) (Middle)
1544 East Second Street
(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 34, 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. Gale 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.

DBQ

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

PROJECT: WATER AND SEWER LINES, SECOND ADDITION, TOWN OF HUDSON

ENGINEER: JOHN M. CHILDERS, P.O. BOX 55, HUDSON, WYO. 82515

OWNER: MR. DAN BROWN
BOX 55
HUDSON, WYO.

WATER QUALITY DIVISION REFERENCE NUMBER: 78-402R

REVIEWING ENGINEER: ROY E. PRIOR, P.E. *R. E. Prior* for R.E.P.

DATE OF REVIEW: 11-21-78

ACTION: NOT AUTHORIZED.

COMMENTS:

From your reply to our review of your application, it appears there is some confusion. The following is a more detailed explanation of what we were expecting. It should be noted that our comments are based upon our minimum design standards and you should check them in light of our comments.

1. Our standards require both infiltration and exfiltration specifications and those specifications require the testing of each section of pipe and also specify the maximum amount of leakage allowed. Please review your spec.s and change them to conform with the standards.
2. Our comment that spec. 02220 was missing was not to be taken that the reference to it should be removed but rather the spec should be included. The placing of the material around the pipe is critical and spec.s should indicate how the material will be placed.
3. The water main disinfection spec.s do not conform to requirements of AWWA C-601-68. It should be noted there are several procedures that can be used and one or more should be specified.
4. Plan and profile views are required for all sewer lines. The profile view should indicate where the water line crossings are located, invert elevations of manholes, slopes, length of lines, ground elevations, etc. Please provide the profiles of the sewerlines from MH#5 to MH#9 and MH#2 to MH#8.
5. The water sewer line crossings are not per sec. 15, Chapter III WQD Rules and Regulations.

WATER AND SEWER LINES, SECOND ADDITION, TOWN OF HUDSON,

JOHN M. CHILDERS
NOVEMBER 21, 1978.

- 2 -

6. This office requires three (3) copies of all material submitted any submittal which does not contain three (3) copies will be deemed incomplete and a permit will not be issued.

7. Due to the number of comments, this cannot be considered a final review.

If you have any questions concerning this review, please call this office.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 78-403

Vista West Water Company
(Name of Facility)

This permit hereby authorizes the applicant:

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

to construct, install, or modify a 1.5MG Standpipe & Pump Station
facility located in Section 1 & 28, 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. Jerald
Administrator
Water Quality Division

Robert E. Sturdivant
Director
Wyoming Dept. of Environmental Quality

August 8, 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. _____

78-406

Burlington Northern #2

(Name of Facility)

This permit hereby authorizes the applicant:

City of Casper

(Last)

(First)

(Middle)

200 North David

(Street or P.O. Box)

Casper

Natrona

Wyoming 82601

(City)

(County)

(State)

to construct, install, or modify a Municipal Public Water Supply, Municipal Waste Treatment Facility & Collection System 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 R. Galand
Administrator
Water Quality Division

Robert E. Hansen
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
Hathaway Office Building
Cheyenne, Wyoming 82002

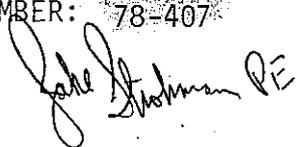
PROJECT: Union Pacific Railroad Evaporation Pond Sweetwater County
Union Pacific Railroad Engineering Dept.
1416 Dodge St. Omaha, NE 88179
ATTN: J. A. Peterson

ARCHITECT OR ENGINEER:

Robert D. Markworth, P.E.

WATER QUALITY DIVISION REFERENCE NUMBER: 78-407

REVIEWING ENGINEER: David Hill



DATE OF REVIEW: 8/2/78

ACTION: ~~NOT AUTHORIZED FOR CONSTRUCTION~~

COMMENTS:

1. Please submit complete design criteria (i.e. population served, flows per capita, etc.)
2. Is the 4 inch collection line existing? Will any new houses or mobile homes be added?
3. Will the upstream manhole be surcharged? The highest level of the lagoon should be lower than the invert of the upstream manhole.

PERMIT TO CONSTRUCT

*Mailed -
9/26/78*

- New
- Renewal
- Modified

Permit No. 78-408

Temporary Mobile Home Park - Champlin Petroleum Co.
(Name of Facility)

This permit hereby authorizes the applicant:

Champlin Petroleum Company
 (Last) (First) (Middle)

P. O. Box 1257
 (Street or P.O. Box)

Englewood Colorado 80150
 (City) (County) (State)

to construct, install, or modify a Wastewater Treatment Facility
 facility located in Section 16, T39N, 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 S. Paulson
 Administrator
 Water Quality Division

Robert E. Surdin
 Director
 Wyoming Dept. of Environmental Quality

September 12, 1978

Date of Issuance

cc: Gerald Anderson, Hoskins-Western-Sonderegger, Inc.
Box 2020, Gillette, WY 82716

Book
mailed
10-10-78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-409

Teton Village Wastewater Treatment Plant
(Name of Facility)

This permit hereby authorizes the applicant:

Jackson Hole Ski Corporation - Bill Nurse, President		
(Last)	(First)	(Middle)
P. O. Box 290		
(Street or P.O. Box)		
Teton Village	Teton	Wyoming 83001
(City)	(County)	(State)

to construct, install, or modify a treatment plant modifications
facility located in Section 24, 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.

The issuance of this permit is not to be construed as meaning additional capacity is now available in the wastewater treatment plant.

Authorized by:

William L. Galand
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

September 20, 1978

Date of Issuance

cc: Nelson Engineering, P.O. Box 1141, Jackson, WY 83001 Attn: Mickey Yamashiro
Robert Ablondi, Teton Ct. Planning Comm, Teton Ct. Courthouse, Jackson, WY 83001

mailed -
10/19/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-410

Block 11, Westside Addition to Gillette
(Name of Facility)

This permit hereby authorizes the applicant:

Hang Wayne R.
 (Last) (First) (Middle)
 Scott Engineering Co.
 P. O. Box 2097
 (Street or P.O. Box)

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

to construct, install, or modify a sewer extension
 facility located in Section 21; T50N; R72W
 (Legal Description)

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

October 10, 1978

Date of Issuance

mailed to
S. 1/15/79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-412R

Prospector Village Water Well Modification
(Name of Facility)

This permit hereby authorizes the applicant:

Amax Coal Company
(Last) (First) (Middle)

205 South Ross Avenue
(Street or P.O. Box)

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

to construct, install, or modify a Water Well & Pump House
facility located in Section 17, 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. Janda
Administrator
Water Quality Division

Robert E. Linder
Director
Wyoming Dept. of Environmental Quality

December 18, 1978
Date of Issuance

mailed
11/27/78

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Prospector Village - Water Well & Well Building Modification

ARCHITECT OR ENGINEER: Wayne Haug, Scott Engineering, P. O. Box 2097,
Gillette, WY 82716

WATER QUALITY DIVISION REFERENCE NUMBER: 78-412R

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

DATE OF REVIEW: 11/23/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Why have the 3" pump control valves been removed? Isn't a well control valve needed to dampen starting and stopping surges of deep well pump?
2. Approved plans under Permit No. 77-78RR show the pressure gauge, pressure sensor, etc. being located in the well building. Why are these equipment omitted from the modified plans?
3. Are the specifications for such valves as air release & vacuum valves, PRV valves, backflow valve, etc. the same ones that were described in Permit No. 77-78RR? If not, please specify the type, manufacturers, etc.
4. Permit No. 77-78RR specified a fiberglass building for well building whereas the modified plans call for a steel paneled building. Please clarify.
5. Please submit pump curves for 30 H.P. well pump.
6. Will there be no change in the booster pump station?

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Prospector Village - Water Well Modification

ARCHITECT OR ENGINEER: Wayne Haug, Scott Engineering, P. O. Box 2097,
Gillette, WY 82716

WATER QUALITY DIVISION REFERENCE NUMBER: 78-412

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

DATE OF REVIEW: 8/31/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Well House

1. Please provide the following information as to the new well:
 - 1) Capacity of the new well & total capacity of both wells.
 - 2) Depth of the new well.
 - 3) Submersible pump details (i.e. capacity, head, depth, etc).
 - 4) Type & depth of grouting.
 - 5) Size & thickness of well casing.
 - 6) Manufacturer's pitless adapter details.
 - 7) A chemical & biological analysis of the well is needed upon completion.
2. A sunup or daylight drainage is needed to handle seepage in the well house. Also, supply slope details of the well house floor.
3. A bypass is needed around the water meter to provide for maintenance & repair.

Chlorination Room

1. A door with an observation window shall be relocated to the building exterior.
2. Indicate the location & size of the exhaust fan in the chlorination room. It must be able to provide for at least one air change per minute.
3. The chlorination room ventilation and lights must be able to be turned on from outside the building. They should also come on automatically upon opening of the door. Please provide details.

4. Chlorination rooms should be heated to 60⁰F. Will a heater be provided?

General

1. Class 200 PVC pipe with SDR 21, specified in ASTM D2241 is not an AWWA C900 pipe. Class 200 AWWA C900 pipe has SDR of 14. Please clarify.
2. AWWA C500-61 for gate valve and AWWA C502-64 for fire hydrants are outdated. These specifications should reference to the latest revisions,

PERMIT TO CONSTRUCT

- New
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Permit No. 78-414

Hal Lebow/Ben Padilla
(Name of Facility)

This permit hereby authorizes the applicant:

Lebow Hal
(Last) (First) (Middle)

4020 Gannett
(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 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 L. Garland Robert E. Lundin
Administrator Director
Water Quality Division 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. 78-415

Spencer Residence
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Spencer</u> (Last)	<u>Keith</u> (First)	<u></u> (Middle)
<u>140 North Center</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 Electro-Osmosis Disposal System
facility located in Section 34, 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. Galand
Administrator
Water Quality Division

Robert E. Gaudin
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.



THE STATE OF WYOMING

78-416R

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 10, 1986

Brooks Water & Sewer District
P.O. Box 2080
Mills, WY 82644

RE: Standard Specifications and Design Criteria for Water Mains and Sanitary Sewers

Gentlemen:

The current Brooks Water & Sewer District "Standard Specifications and Design Criteria for Water Mains and Sanitary Sewers" were authorized under Department of Environmental Quality, Water Quality Division permit number 78-416R on April 13, 1979. The Water Quality Division promulgated new standards for water mains and sanitary sewers in 1984 and 1985. Therefore the Brooks Water & Sewer District standard specifications are no longer valid or effective because of the Water Quality Division's recent changes.

I suggest that you update your specifications and resubmit them to the Water Quality Division for authorization. Another suggestion would be to adopt the Wyoming Public Works (WPW) standard specifications as published by the Wyoming Public Works Council and then modify them by special provisions to meet your specific requirements. The WPW standard specifications have been authorized by the Water Quality Division and meet the current Water Quality Division standards.

Please call if you have any questions.

Sincerely,

Thomas S. Norman
Water Quality Engineer

TSN/nc

Book
Mailed
4-19-79

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Construction and Design Standards, Brooks Water & Sewer District,
Box 2080, Mills, Wyoming 82644

ARCHITECT OR ENGINEER: Howard, Needles, Tammen & Bergendoff
P.O. Box 3478, Casper, Wyoming 82602

WATER QUALITY DIVISION REFERENCE NUMBER: 78-416RR

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

DATE OF REVIEW: April 13, 1979

ACTION: AUTHORIZED

COMMENTS:

mailed
1/8/79

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Construction and Design Standards, Brooks Water & Sewer District,
Box 1080, Mills, WY 82644

ARCHITECT OR ENGINEER: Howard, Needles, Tammen & Bergendoff, 200 North
Walcott, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 78-416R

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

DATE OF REVIEW: 12/19/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Section 1 - Water Mains

1. Specify that all ductile iron pipe shall be installed in conformance with the provisions of AWWA Standard C600.
2. Specify that the maximum allowable deflection of ductile iron pipe from a straight line in either the vertical or horizontal plan shall be 1 inch per foot of length or as specified in the aforementioned standards.
i.e. revise the 2nd paragraph on page 1-9 of the revised specifications.

Section 3 - Construction Procedures

1. Page 3-3, 3-6 Separation of Water and Sewer Mains
 - A. Parallel Installations-omit: "and vertically" from the first line.
 - B. Special Conditions - add "and vertical" after "horizontal" on first line.

OMMISSIONS FROM SPECIFICATIONS WHICH SHALL BE INCLUDED, WHEN APPLICABLE, IN ALL PLANS SUBMITTED FOR REVIEW:

1. Minimum cover over water mains.
2. Water System chamber drainage.
3. Surface Water Crossing specifications for water mains.
4. Water Loading Station specifications.
5. Standard Details: (as applicable)
 - A. Sewer Manhole
 - B. Sewer Drop-manhole
 - C. Fire Hydrant Installation
 - D. Thrust Block Setting and Design Data
 - E. Railroad Crossing
 - F. Highway Crossing (Recommended design enclosed)

Review of Reference No. 78-416R
Page 2

- G. Surface Water Crossings
- H. Water Loading Station
- I. Air Relief Valve Vault (with above groundvent)

Design Criteria for Water Facilities

References to CBPU and the City of Casper on page 6 should be changed to Brooks Water & Sewer District.

THIS IS NOT A FINAL REVIEW

Enclosure: 1

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 78-417

Klungness Shop Building
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Klungness</u> (Last)	<u>Milton</u> (First)	<u>J.</u> (Middle)
<u>99 Magnolia</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 Commercial Waste Treatment Facility
facility located in Section 32, 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 L. Jones
Administrator
Water Quality Division

Robert E. Hansen
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.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 78-419

Westgate Village Apartments
(Name of Facility)

This permit hereby authorizes the applicant:

Griffith Noel
(Last) (First) (Middle)

1780 Westland Road
(Street or P.O. Box)

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

to construct, install, or modify a Water & Sewage Facilities
facility located in Cheyenne, Wyoming
(Legal Description)

in the County of Laramie, 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 Robert E. Sunda
Administrator Director
Water Quality Division Wyoming Dept. of Environmental Quality

July 27, 1978
Date of Issuance

PERMIT TO CONSTRUCT

*mailed -
10/16/78*

- New
- Renewal
- Modified

Permit No. 78-420R

Powder River Mall
(Name of Facility)

This permit hereby authorizes the applicant:

W.M. Grace Development Co.
(Last) (First) (Middle)

P. O. Box 726
(Street or P.O. Box)

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

to construct, install, or modify a water distribution and sewage collection
facility located in Section 34, T50N, 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. Paul
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality

October 6, 1978
Date of Issuance

cc: Bob Timm, P. O. Box 726, Gillette, Wyoming 82716

Book

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: ~~Powder River Mall~~

ARCHITECT OR ENGINEER: Bob Timm, Timm and Associates, P. O. Box 726
Gillette, Wyoming 82716

WATER QUALITY DIVISION REFERENCE NUMBER: ~~78-420~~

REVIEWING ENGINEER: Dan H. Kim William L. Garland, P.E.

DATE OF REVIEW: September 5, 1978

ACTION: ~~Not authorized for construction~~

COMMENTS:

1. A letter from the City of Gillette should be provided, stating that the city can provide adequate water and sewer service to the mall.
2. Enclosed is an application for permit to construct, which must be completed and returned to our office.
3. Fire hydrants are needed at the water main dead ends. (Sta 0+00, Sta 6+60). However, since these are temporary dead ends, flushing hydrants or blowoff valve would be acceptable until the water main will be extended at a later date.
4. Please provide detail drawing of storm sewer outlet. Will the outlet are be ripraped?
5. Will the water main be looped in the future?

PERMIT TO CONSTRUCT

mailed -
10/3/78

- New
- Renewal
- Modified

Permit No. 78-422

Scint & Log

(Name of Facility)

This permit hereby authorizes the applicant:

<u>Spiva</u>	<u>Backhoe</u>	
(Last)	(First)	(Middle)
<u>P. O. Box 930</u>	<u>c/o Ed S. Rate, Jr.</u>	
	(Street or P.O. Box)	
<u>Casper</u>	<u>Natrona</u>	<u>Wyoming 82602</u>
(City)	(County)	(State)

to construct, install, or modify a Subsurface Disposal System
 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. Galand
 Administrator
 Water Quality Division

Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality

September 21, 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 -
9/7/78

- New
- Renewal
- Modified

Permit No. 78-425

U.P.R. Walcott Station
(Name of Facility)

This permit hereby authorizes the applicant:

Union Pacific Railroad Company
(Last) (First) (Middle)

1416 Dodge Street
(Street or P.O. Box)

Omaha Nebraska
(City) (County) (State)

to construct, install, or modify a Water Distribution System
 facility located in Section 26, T21N, 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. Gale
 Administrator
 Water Quality Division

Robert E. Anderson
 Director
 Wyoming Dept. of Environmental Quality

August 23, 1978
 Date of Issuance

PERMIT TO CONSTRUCT

mailed
9/7/78

- New
- Renewal
- Modified

Permit No. 78-426

U.P.R Lookout Station

(Name of Facility)

This permit hereby authorizes the applicant:

Union Pacific Railroad Company

(Last)

(First)

(Middle)

1416 Dodge Street

(Street or P.O. Box)

Omaha

(City)

Nebraska

(County)

(State)

to construct, install, or modify a Water Treatment & Distribution

facility located in Section 34, T20N, R75W

(Legal Description)

in the County of Albany, in the State of

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

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

Authorized by:

William L. Galand
 Administrator
 Water Quality Division

Robert E. Anderson
 Director
 Wyoming Dept. of Environmental Quality

August 23, 1978

Date of Issuance

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 78-129

U.P.R. Buford Station
(Name of Facility)

This permit hereby authorizes the applicant:

Union Pacific Railroad Company
(Last) (First) (Middle)
1416 Dodge Street
(Street or P.O. Box)
Omaha Nebraska
(City) (County) (State)

to construct, install, or modify a Water Treatment & Distribution

facility located in Section 1, T13N, R71W
(Legal Description)

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

Authorized by:

William P. Garland
Administrator
Water Quality Division

Robert E. Hendlin
Director
Wyoming Dept. of Environmental Quality

August 23, 1978
Date of Issuance

PERMIT TO CONSTRUCT

mailed -
9/2/78

- New
- Renewal
- Modified

Permit No. 78-430

U.P.R. Bosler Station

(Name of Facility)

This permit hereby authorizes the applicant:

Union Pacific Railroad Company

(Last) (First) (Middle)

1416 Dodge Street

(Street or P.O. Box)

Omaha

Nebraska

(City) (County) (State)

to construct, install, or modify a Water Treatment & Distribution
facility located in Section 33, T19N, R74W
(Legal Description)

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

Authorized by:

William L. Gula
Administrator
Water Quality Division

Robert E. Anderson
Director
Wyoming Dept. of Environmental Quality

August 23, 1978

Date of Issuance

mailed-
9/7/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-432

U.P.R. Hermosa Station
(Name of Facility)

This permit hereby authorizes the applicant:

7

Union Pacific Railroad Company
(Last) (First) (Middle)

1416 Dodge Street
(Street or P.O. Box)

Omaha Nebraska
(City) (County) (State)

to construct, install, or modify a Water Treatment & Distribution
facility located in Section 20, T13N, R72W
(Legal Description)

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

Authorized by:

William L. Carlson
Administrator
Water Quality Division

Robert E. Landon
Director
Wyoming Dept. of Environmental Quality

August 23, 1978
Date of Issuance

mailed to S.
3/7/79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-435RRR

ENERGY PLAZA - NEWLIN DEVELOPMENT
(Name of Facility)

This permit hereby authorizes the applicant:
Attention: Ralph Goodson, Terry Newlin

Energy Electric, Inc.
(Last) (First) (Middle)

Box 125
(Street or P.O. Box)

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

to construct, install, or modify a water distribution and sewage collection
facility located in Sections 7 and 18, T.51N., R.62W.
(Legal Description)

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

AUTHORIZED BY:

William L. Gula
Administrator
Water Quality Division

Robert E. Sundin
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."

REVIEW OF PLANS AND SPECIFICATIONS

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

mailed
10/30/78

PROJECT: Newlin-Energy Plaza Subdivision - Crook County

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

WATER QUALITY DIVISION REFERENCE NUMBER: 78-435R

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

DATE OF REVIEW: 10/19/78

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Lift Station

1. Surcharging of inlet pipe is not permitted. The float levels should be set accordingly.
2. To prevent septic conditions and odors in the wet well, the effective capacity of the wet well should be no greater than 10 minutes at average daily flow. You presently have about 50 minutes. The float levels should be adjusted accordingly. Please also indicate the elevation levels for the floats. The proposed 66" diameter wet well appears to be too big for the proposed service area having an average flow of 12 gpm. Do you foresee quite an extensive future development in this area?
3. It is strongly recommended to retain the concrete valve pit.
4. Is the proposed lift station located above the 100 yr. flood elevations?
5. Your specifications indicate a portable emergency generator. Is it easily accessible? Please discuss.

PERMIT TO CONSTRUCT

mailed -
9/26/78

- New
- Renewal
- Modified

Permit No. 78-436 Ref. No. 77-271RRR

Sweetwater Uranium Project
(Name of Facility)

This permit hereby authorizes the applicant:

Minerals Exploration Company
 (Last) (First) (Middle)

P. O. Box 1500
 (Street or P.O. Box)

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

to construct, install, or modify a Tailings Pond
 facility located in Section 14, 15, & 21, T24N, R93W
 (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. Jordan
 Administrator
 Water Quality Division

Robert E. Sundin
 Director
 Wyoming Dept. of Environmental Quality

September 14, 1978
 Date of Issuance

cc: Mike Elmer
MSM Consultants, Inc.
350 W. A Street
Casper, WY 82601

11 to 5
10-22-79

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-437R

SAGE BLUFFS SUBDIVISION, FILING #2
(Name of Facility)

This permit hereby authorizes the applicant:

Pulte Home Corporation, North Wyoming Division
(Last) (First) (Middle)

P.O. Box 1736
(Street or P.O. Box)

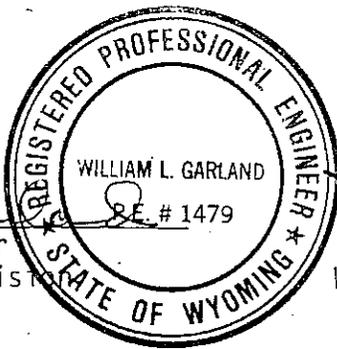
Gillette Campbell Wyoming 82716
(City) (County) (State)

to construct, install, or modify a water distribution and sewage collection
facility located in Sections 28 and 33, T.50N., R.72W.
(Legal Description)

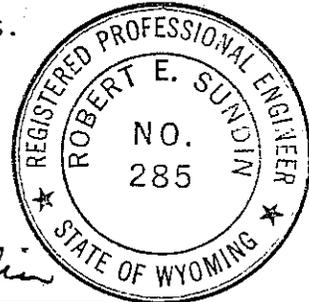
in the County of Campbell, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



October 12, 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."

Book

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Sage Bluff Subdivision Filing #2

ARCHITECT OR ENGINEER: Genge/Meurer, Serafini, Meurer, Inc.
570 West 44th Avenue, Denver, Colorado 80216

WATER QUALITY DIVISION REFERENCE NUMBER: 78-437

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

DATE OF REVIEW: September 7, 1978

ACTION: ~~Not authorized for construction~~

COMMENTS:

1. The plans must be signed or sealed by an engineer registered in the State of Wyoming.
2. A letter from the City of Gillette should be provided, stating that the City can provide adequate water and sewer services to the subdivision.

Water lines

3. The water mains shall be installed in accordance to applicable AWWA standards (AWWA C600 or AWWA C603). Please insert this into the specifications.
4. All fire hydrants shall meet AWWA C502-73.
5. All gate valves shall meet AWWA C500-71.
6. Disinfection of the water line shall comply with AWWA C601-68.
7. Provide specifications of joints and fittings for water pipe. These shall meet the applicable AWWA standards. (AWWA C110 or C111)
8. Specifications concerning hydrostatic tests of the water main should be provided.
9. Backfilling specification should include degree of compaction.

Sewer lines

10. Specifications concerning pipe installation is needed. The proper standard is ASTM D2321, "Standard Recommended Practice for Underground Installation of Flexible Thermoplastic Sewer Pipes".

11. Detailed specifications are required for bedding and backfilling the sewer pipe in order to prevent excessive side fill pressures or oration. The use of a deflection testing specification is highly recommended. (i.e. - Go-No-Go pig at 50/0 deflection)
12. Provide more specific details of the exfiltration test procedures.
13. Provide alignment test procedure for sewer.

PERMIT TO CONSTRUCT

mailed -
9/12/78

- New
- Renewal
- Modified

Permit No. 78-438

Paul White's Office
(Name of Facility)

This permit hereby authorizes the applicant:

White Paul A.
 (Last) (First) (Middle)

Box 6, 122 North 3rd
 (Street or P.O. Box)

Douglas Converse Wyoming 82633
 (City) (County) (State)

to construct, install, or modify a Septic System
 facility located in Section 15, 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 L. Janda
 Administrator
 Water Quality Division

Robert E. Bordin
 Director
 Wyoming Dept. of Environmental Quality

August 22, 1978
 Date of Issuance

mailed-
8/5/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-439

Calvary Baptist Church
(Name of Facility)

This permit hereby authorizes the applicant:

City of Casper
(Last) (First) (Middle)

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

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

to construct, install, or modify a Sewer & Water 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 J. Galand
Administrator
Water Quality Division

Robert E. Anderson
Director
Wyoming Dept. of Environmental Quality

August 3, 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

977
10-5-78

- New
- Renewal
- Modified

Permit No. 78-440

Prewitt Realty Shop and Warehouse Septic System
 (Name of Facility)

This permit hereby authorizes the applicant:

Prewitt Realty

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

to construct, install, or modify a septic system
 facility located in Section 32, 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. Jones
 Administrator
 Water Quality Division

Robert E. Lundin
 Director
 Wyoming Dept. of Environmental Quality

September 26, 1978
 Date of Issuance

This permit does not supercede the requirements for obtaining a Septic Tank
 Permit from Natrona County Health Department.
 cc: Worthington, Lenhart & Carpenter Consulting Eng., 632 S. David, Casper, WY 82601

mailed
11/14/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-441R

Swanson Brothers Subdivision
(Name of Facility)

This permit hereby authorizes the applicant:

Swanson J. O. & K. L.
 (Last) (First) (Middle)

(Street or P.O. Box)

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

to construct, install, or modify a Water & Sewer Lines
 facility located in Section 14, 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. Galand
 Administrator
 Water Quality Division

Robert E. Lundin
 Director
 Wyoming Dept. of Environmental Quality

October 17, 1978
 Date of Issuance

Book

REVIEW OF ~~SEWER~~ FACILITY PLANS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Hathaway Office Building
Cheyenne, Wyoming 82002
(307) 777-7781

OWNER/APPLICANT: Swanson Brothers Subdivision Water & Sewer Lines
Saratoga, Carbon, Wyoming
Gertsch/Baker & Associates
ADDRESS: 203 Grand Avenue
Laramie, WY 82701

WATER QUALITY DIVISION REFERENCE NUMBER: 78-441

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

DATE OF REVIEW: August 3, 1978

ACTION: Not Authorized for Construction

COMMENTS: Fire hydrants to what AWWA specs

No Hydrant locations delineated

Require specifications for laying water and sewer lines and all hardware.

Does 75 psig meet the AWWA pressure test requirements.

I/I and leakage for sewer line and manholes must be delineated.

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

PERMIT TO CONSTRUCT

Mailed -
9/27/78

- New
- Renewal
- Modified

Permit No. 78-442

Foreman Commercial Facility
(Name of Facility)

This permit hereby authorizes the applicant:

Foreman Warren
 (Last) (First) (Middle)

2534 Bellaire
 (Street or P.O. Box)

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

to construct, install, or modify a Commercial Waste Facility
 facility located in Section 32, 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. Surdin
 Director
 Wyoming Dept. of Environmental Quality

September 12, 1978
 Date of Issuance

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

Mailed - 8/25/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-443

Meadowlark Hills
(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 Waterline Improvements
 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 J. Gaudin
 Administrator
 Water Quality Division

Robert E. Lundin
 Director
 Wyoming Dept. of Environmental Quality

August 9, 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

printed -
10/20/78

- New
- Renewal
- Modified

Permit No. 78-444R

Jones Additional Construction Phase II Water & Sewer Lines
(Name of Facility)

This permit hereby authorizes the applicant:

Jones Development Co.
(Last) (First) (Middle)

P. O. Box 543
(Street or P.O. Box)

Hannasburg Carbon WY 82327
(City) (County) (State)

to construct, install, or modify a sewer and water lines
facility located in Section 17; T22N; 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. Garland
Administrator
Water Quality Division

Robert E. Kardin
Director
Wyoming Dept. of Environmental Quality

September 21, 1978
Date of Issuance



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

April 9, 1985

Jane Stark
Cumberland Coal Co.
1000 Kiewit Plaza
Omaha, NE 68131

RE: Status of South Haystack Mine DEQ/WQD
"Permit to Construct"

Dear Ms. Stark:

As per our telephone conversation March 28, 1985 and April 2, 1985, I have compiled information as to the status of your permits. According to our records the following permits issued between 1977 and 1983 have expired:

- 77-472R Stormwater runoff reservoir and channels.
Authorized: 1-3-78 Expired: 1-30-80
- 77-534R Sanitary WWTF, truckwash, maintenance shop, primary and secondary crusher settling ponds, evaporation pond.
Renewed: 10-7-82 for two years. Letter dated 10-19-82 to DEQ/WQD cancelled this permit.
- 78-445 South Haystack reservoirs nos. 1-13. Included 1 "Permit to Modify" and 12 "Permits to Construct."
thru
78-457 Authorized: 10-7-82 Expired: 10-7-84. Letter dated 10-19-82 to DEQ/WQD cancelled permits 78-453 (res. no. 9), 78-455 (rev. no. 11), and 78-456 (res. no. 12).
- 82-683 Evaporation pond nos. 1 and 2, containment pond nos. 1, thru
2, 3 and 4, reservoir no. 9.
82-689 Authorized: 2-10-83 Expired: 2-10-85

The enclosed Water Quality Rules and Regulations, Chapter III, stipulates that "a permit may be renewed where construction has not been completed by filing an affidavit with the administrator stating that there will not be any changes in the plans for construction, installation, or modification of a permitted facility no less than 30 days prior to the expiration date of the permit."

April 9, 1985
Ms. Jane Stark
Page Two

Consequently, if you plan to construct any of the above mentioned or additional facilities, new permits must be obtained. An application for a "Permit to Construct" must include four complete sets of plans, construction specifications, and design information.

Please refer to the applicable portions of our current regulations. If you have any questions, please feel free to contact me.

Sincerely,



Jack Bedessem
Area III Supervisor

JB/jw

copy: Lynn Askew
Norma Coulson
File (2)

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

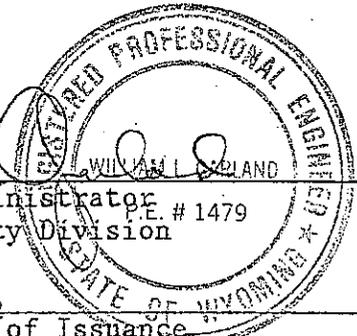
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

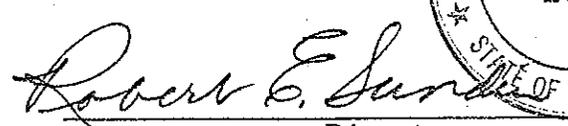
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

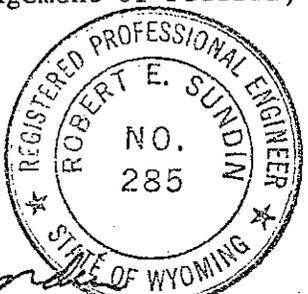
AUTHORIZED BY:



Administrator
Water Quality Division
P.E. # 1479

October 7, 1982

Date of Issuance



Director
Dept. of Environmental Quality


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

AJB:ch

7. 1. 1971

PERMIT TO CONSTRUCT

New

Permit No. 78-445

Renewal

Modified

SOUTH HAYSTACK RESERVOIR NO. 1
(Name of Facility)

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

CUMBERLAND COAL COMPANY

1000 KIEWIT PLAZA

OMAHA, NEBRASKA 68131

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL

facility according to the procedures and conditions of the application

No. 78-445. The facility is located in SEC. 36, T17N, R118W

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

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

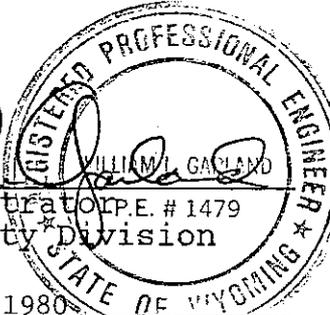
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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

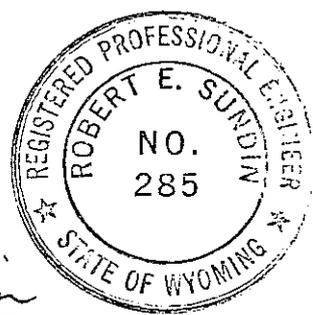
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:

A circular seal for a Registered Professional Engineer in the State of Wyoming. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF WYOMING" at the bottom, separated by two stars. The center of the seal contains the name "WILLIAM L. GARLAND" and the number "1479".
William L. Garland

Administrator P.E. # 1479
Water Quality Division
September 19, 1980
Date of Issuance

A circular seal for a Registered Professional Engineer in the State of Wyoming. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF WYOMING" at the bottom, separated by two stars. The center of the seal contains the name "ROBERT E. SUNDIN" and the number "285".
Robert E. Sundin

Director
Dept. of Environmental Quality

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

FL/lh

Mailek -
9/14/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-445

SOUTH HAYSTACK RESERVOIR NO. 1

(Name of Facility)

This permit hereby authorizes the applicant:

CUMBERLAND COAL COMPANY

(Last) (First) (Middle)

100 KIEWIT PLAZA

(Street or P.O. Box)

OMAHA NEBRASKA 68131

(City) (County) (State)

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL

facility located in SEC 36 T17N R118W
(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. Galano
Administrator
Water Quality Division

Robert E. Lundin
Director
Wyoming Dept. of Environmental Quality

September 13, 1978
Date of Issuance

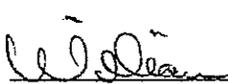
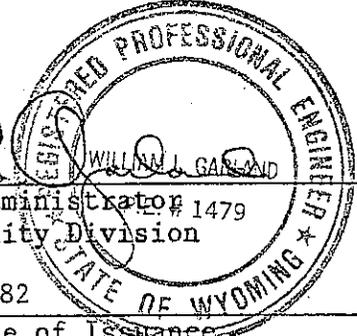
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

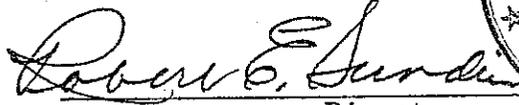
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:



Administrator # 1479
Water Quality Division
October 7, 1982
Date of Issuance



Director
Dept. of Environmental Quality

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

AJB:ch

PERMIT TO CONSTRUCT

New

Permit No. 78-446

Renewal

Modified

SOUTH HAYSTACK RESERVOIR NO. 2

(Name of Facility)

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

CUMBERLAND COAL COMPANY

1000 KIEWIT PLAZA

OMAHA, NEBRASKA 68131

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL

facility according to the procedures and conditions of the application

No. 78-446. The facility is located in SEC. 3, T 16N, R118W

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

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

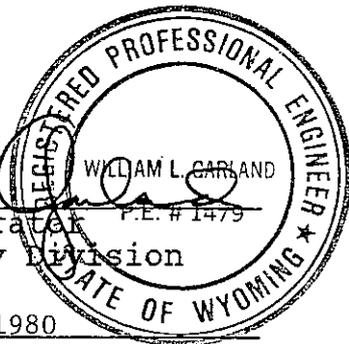
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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

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

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

AUTHORIZED BY:


William L. Garland
Administrater P.E. #1479
Water Quality Division
STATE OF WYOMING


Robert E. Sundin
Director
Dept. of Environmental Quality
STATE OF WYOMING

September 19, 1980
Date of Issuance

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

FL/lh

PERMIT TO CONSTRUCT

mailed
9/14/78

- New
- Renewal
- Modified

Permit No. 78-446

SOUTH HAYSTACK RESERVOIR NO. 2

(Name of Facility)

This permit hereby authorizes the applicant:

CUMBERLAND	COAL	COMPANY
(Last)	(First)	(Middle)
1000 KIEWIT PLAZA		
(Street or P.O. Box)		
OMAHA	NEBRASKA	68131
(City)	(County)	(State)

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL
 facility located in SEC 3 T16N R118W
 (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 P. O'Connell
 Administrator
 Water Quality Division

Robert E. Sordin
 Director
 Wyoming Dept. of Environmental Quality

September 13, 1978
 Date of Issuance

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-448

SOUTH HAYSTACK RESERVOIR NO. 4

(Name of Facility)

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

Cumberland Coal Company

1000 Kiewit Plaza

Omaha, NE 68131

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

facility according to the procedures and conditions of the

application No. 78-448. The facility is located in

Sec. 2, T16N, R118W

in the County of Uinta,

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

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

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

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

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

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

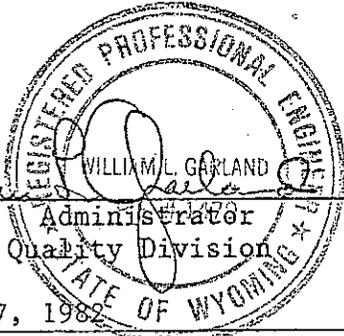
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

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

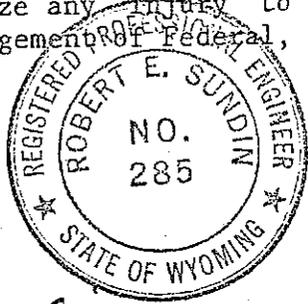
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


William L. Garland

Administrator
Water Quality Division
October 7, 1982

Date of issuance


Robert E. Sundin

Director
Dept. of Environmental Quality

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

AJB:ch

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 78-447

SOUTH HAYSTACK RESERVOIR NO. 3
(Name of Facility)

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

CUMBERLAND COAL COMPANY

1000 KIEWIT PLAZA

OMAHA, NEBRASKA 68131

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL

facility according to the procedures and conditions of the application

No. 78-447. The facility is located in SEC. 11, T16N, R118W

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

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

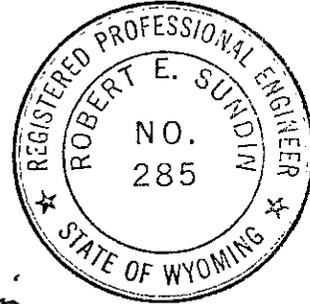
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

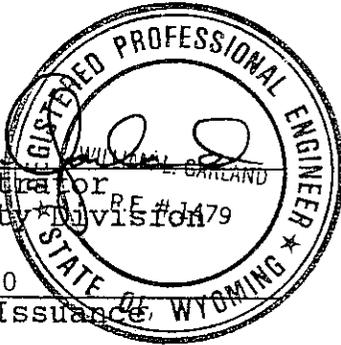
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

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

AUTHORIZED BY:




William J. Garland
Administrator
Water Quality Division
September 19, 1980
Date of Issuance

Robert E. Sundin
Director
Dept. of Environmental Quality

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

FL/1h

PERMIT TO CONSTRUCT

Mailed -
9/14/78

- New
- Renewal
- Modified

Permit No. 78-447

SOUTH HAYSTACK RESERVOIR NO. 3

(Name of Facility)

This permit hereby authorizes the applicant:

CUMBERLAND COAL COMPANY

(Last)

(First)

(Middle)

1000 KIEWIT PLAZA

(Street or P.O. Box)

OMAHA

NEBRASKA

68131

(City)

(County)

(State)

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL

facility located in Sec 11 T16N R118W

(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. Gale

Administrator
Water Quality Division

Robert E. Sundin

Director
Wyoming Dept. of Environmental Quality

September 13, 1978

Date of Issuance

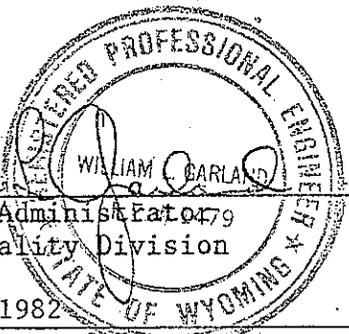
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

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

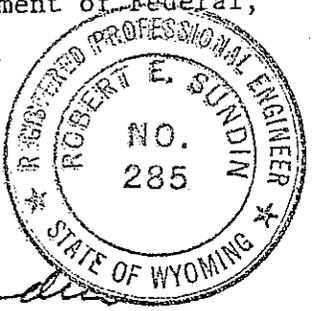
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges; nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


William C. Garland

William C. Garland
Administrator
Water Quality Division
October 7, 1982

Date of Issuance


Robert E. Sundin

Robert E. Sundin
Director
Dept. of Environmental Quality

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

AJB:ch

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-448

SOUTH HAYSTACK RESERVOIR NO. 4
(Name of Facility)

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

CUMBERLAND COAL COMPANY

1000 KIEWIT PLAZA

OMAHA, NEBRASKA 68131

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL

facility according to the procedures and conditions of the application

No. 78-448. The facility is located in SEC. 2, T16N, R118W

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

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

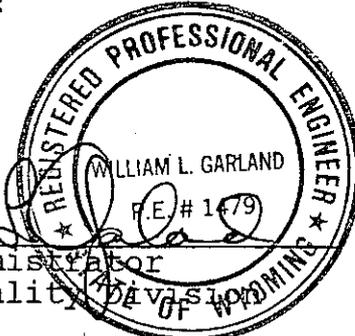
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

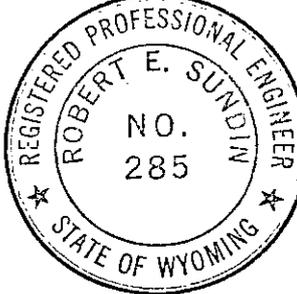
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

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

AUTHORIZED BY:


William L. Garland
Administrator
Water Quality Division
STATE OF WYOMING


Robert E. Sundin
Director
Dept. of Environmental Quality

September 19, 1980

Date of Issuance

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

FL/1h

mailed
9/14/78

PERMIT TO CONSTRUCT

New

Renewal

Permit No. 78-448

Modified

SOUTH HAYSTACK RESERVOIR NO. 4

(Name of Facility)

This permit hereby authorizes the applicant:

CUMBERLAND COAL COMPANY

(Last) (First) (Middle)

1000 KIEWIT PLAZA

(Street or P.O. Box)

OMAHA NEBRASKA 68131

(City) (County) (State)

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL

facility located in SEC 2 T16N R18W

(Legal Description)

UINTA

in the County of _____, 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. Sundin
Director
Wyoming Dept. of Environmental Quality

September 13, 1978

Date of Issuance

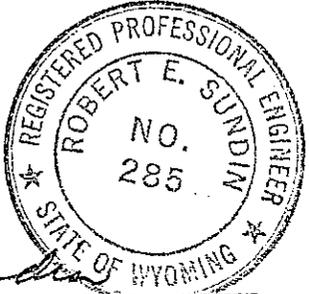
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

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

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

AUTHORIZED BY:



William L. Garland

Administrator 479
Water Quality Division
October 7, 1982

Date of Issuance

Robert E. Sundin

Director
Dept. of Environmental Quality

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

AJB:ch

PERMIT TO CONSTRUCT

New

Permit No. 78-449

Renewal

Modified

SOUTH HAYSTACK RESERVOIR NO. 5

(Name of Facility)

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

CUMBERLAND COAL COMPANY

1000 KIEWIT PLAZA

OMAHA, NEBRASKA 68131

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL

facility according to the procedures and conditions of the application

No. 78-449. The facility is located in Sec. 2, T16N, R118W

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

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

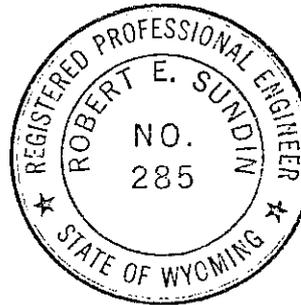
The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

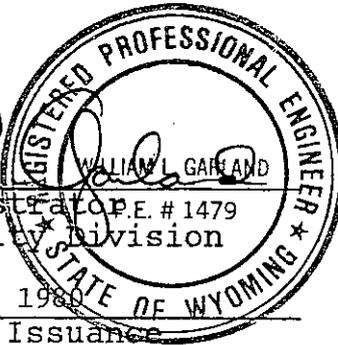
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

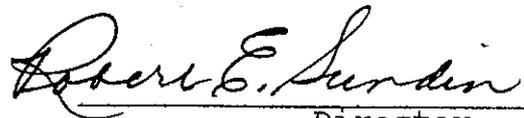
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:




William L. Garland
Administrative P.E. # 1479
Water Quality Division
September 19, 1980
Date of Issuance


Director
Dept. of Environmental Quality

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

FL/1h

PERMIT TO CONSTRUCT

mailed -
9/14/78

- New
- Renewal
- Modified

Permit No. 78-449

SOUTH HAYSTACK RESERVOIR NO. 5

(Name of Facility)

This permit hereby authorizes the applicant:

CUMBERLAND COAL COMPANY

(Last) (First) (Middle)

1000 KIEWIT PLAZA

(Street or P.O. Box)

OMAHA

NEBRASKA 68131

(City) (County) (State)

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL

facility located in SEC. 2 T16N R118W
(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. Quinn
Administrator
Water Quality Division

Robert E. Sardin
Director
Wyoming Dept. of Environmental Quality

September 13, 1978

Date of Issuance

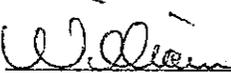
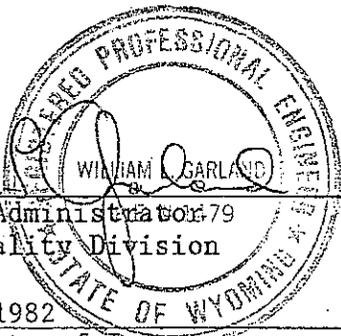
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

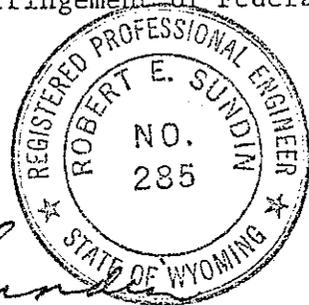
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:



Administrator 79
Water Quality Division
October 7, 1982
Date of Issuance



Director
Dept. of Environmental Quality

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

AJB:ch

PERMIT TO CONSTRUCT

New

Permit No. 78-450

Renewal

Modified

SOUTH HAYSTACK RESERVOIR NO. 6
(Name of Facility)

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

CUMBERLAND COAL COMPANY

1000 KIEWIT PLAZA

OMAHA, NEBRASKA 68131

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL

facility according to the procedures and conditions of the application
No. 78-450. The facility is located in Sec. 29, T17N, R117W

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

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

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

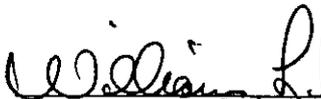
The permittee shall allow authorized representatives from the Depart-
ment of Environmental Quality, Water Quality Division, upon the pre-
sentation of credentials and during working hours, to have access to
inspect the facilities, at the above location, for the purpose of
compliance with the provisions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

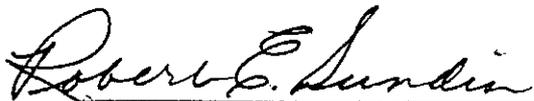
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:




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


Director
Dept. of Environmental Quality

September 19, 1980

Date of Issuance

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

FL/1h

mailed -
9/14/78

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 78-450

SOUTH HAYSTACK RESERVOIR NO. 6

(Name of Facility)

This permit hereby authorizes the applicant:

CUMBERLAND	COAL	COMPANY
(Last)	(First)	(Middle)
<u>1000 KIEWIT PLAZA</u>		
(Street or P.O. Box)		
OMAHA	NEBRASKA	68131
(City)	(County)	(State)

to construct, install, or modify a SEDIMENT & RUNOFF CONTROL
 facility located in SEC29 T17N R.117W
 (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. Sardin
 Director
 Wyoming Dept. of Environmental Quality

September 13, 1978

Date of Issuance