

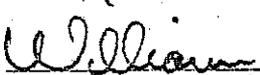
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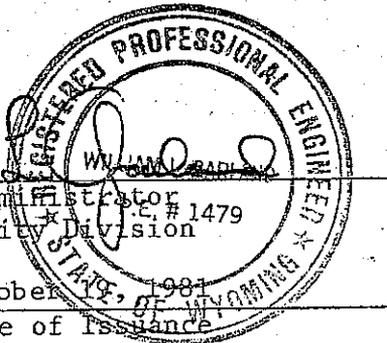
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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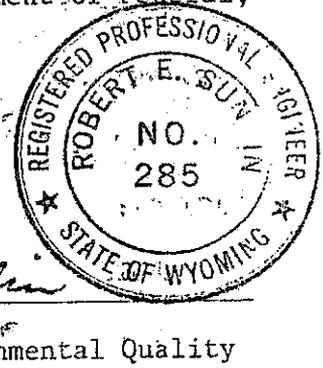
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



Adm.istrator
Water Quality Division
P.E. # 1479
October 1981
Date of Issuance




Director
Dept. of Environmental Quality


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

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
2161 Coffeen Ave., Suite 301
Sheridan, Wyoming 82801

PROJECT: North Platt In-Situ Mine, No. 1 Reservoir
Uranium Resources, Inc.

ARCHITECT OR ENGINEER: George Hoffman, P.E.
Hydro Engineering
P.O. Box 473
Casper, Wyoming 82602

WATER QUALITY DIVISION
REFERENCE NUMBER: 81-601

REVIEWING ENGINEER: Dan H. Kimm, P.E. DK

DATE OF REVIEW: October 7, 1981

ACTION: Not Authorized for Construction (see comments)

COMMENTS:

- 1) Design of the wastewater reservoir should include the calculation of water balance, verifying that the pond is adequately sized and will not discharge.
- 2) It is not clear how the runoff from the adjacent drainage area (3.3 acre) is to be handled. If it is diverted around the No. 1 Reservoir, plan should show the diversion ditch and its design information.

It should also be noted that the runoff from the "disturbed area" (i.e., topsoil pile, building area) must be separated from the drainage runoff and controlled properly. Please address.

- 3) Additional leak detection pipes are needed to cover the center area of the pond bottom. Those pipes should also be sloped in such a manner to allow rapid transmission of leakage to monitoring station. Please address.

Additionally, installation specs for the leak detection system must include the detail procedure to ensure settling will not tear liner.

- 4) Discuss how the sanitary sewage from the office/lab building will be treated.
- 5) Installation information of the hypalon liner is needed. Is the specified liner compatible with the wastewater characteristic?
- 6) Please describe the monitoring schedule set up by the operator in case of a pond leak.

xc: Tony Mancini, DEQ Cheyenne
Mark Pelizza, Uranium Resources, Inc.

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

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

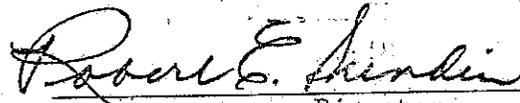
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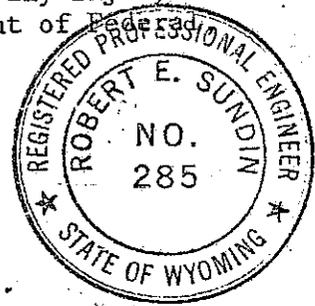
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AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator, E. # 1479
Water Quality Division
September 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

xc: Chris Woster
Timm & Associates
P.O. Box 726
Gillette, WY 82716

10-22-80

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-603
Reference No. 75-46RR

RAWHIDE MINE - LAB AND MAINTENANCE BUILDING ADDITION
(Name of Facility)

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

Attention: T. J. Tibbitts
The Carter Mining Company

P.O. Box 3007

Gillette, Wyoming 82716

to construct, install, or modify a sewage collection line

facility according to the procedures and conditions of the
application No. 81-603. The facility is located in Sections 12 and 13,

T.51N., R.72W.,

in the County of Campbell,

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

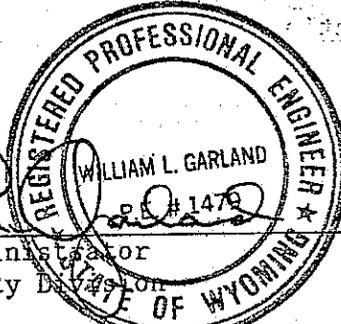
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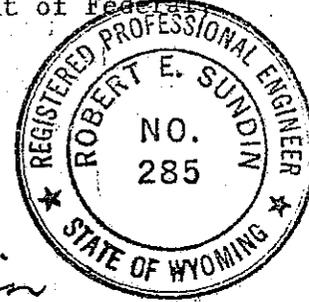
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Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

October 1, 1981
Date of Issuance

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

81-603

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

2161 COFFEEN AVENUE,
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

August 28, 1981

Mr. T. J. Tibbitts
The Carter Mining Company
P.O. Box 3007
Gillette, Wyoming 82716

Dear Mr. Tibbitts:

On this date, we received one copy of submittals for modification of a sanitary waste collection and treatment system for your Rawhide Mine. It will be necessary for you to submit a completed application form and send an additional two copies of the plans and specifications.

I have enclosed two applications forms for your convenience.

Sincerely,

Lea Stoneburner
Administrative Assistant

ls

Encl.

7-1-80

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-604RRR
SEE SPECIAL CONDITIONS

Cottonwood Addition
(Name of Facility)

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

New Vistas, Inc.

120 N. Center Street

Casper, WY 82601

to construct, install, or modify a municipal water distribution and wastewater collection facility according to the procedures and conditions of the application No. 81-604RRR. The facility is located in Cottonwood Addition Subdivision, Section 22, T33N, R80W in the County of Natrona, 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 the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

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

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

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator E. # 1479
Water Quality Division
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING
June 22, 1982
Date of Issuance


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

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

Conditions to Permit to Construct

1. Curb stops of the stop and drain type for water services are not authorized and shall not be installed.
2. The wastewater collection system discharging into the future lift station located on Conestoga Court is not authorized and shall not be installed. This includes the collection lines in Indian Scout Drive (sheets 25 and 26), the 30 foot utility easement (Sheet 27), and Conestoga Court (Sheet 28). These lines must be reviewed in conjunction with a complete lift station application, design and specifications.
3. Wastewater generated by the Cottonwood Addition shall be collected and transported from the subdivision to Casper municipal treatment facility via the North Platte River Sanitary Sewer Extension (Riverwest to Paradise Valley) and the North Platte Sewer Interceptor system.

cc: Thomas P. McDill, Jr., The Engineers, 6405 Indian Scout Dr., Casper, WY 82601
David Hill, Casper BPU, 200 North David, Casper, WY 82601
Pix Howell, Brooks Water & Sewer District, Box 2080, Mills, WY 82644

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Cottonwood Addition, Natrona Co.

ARCHITECT OR ENGINEER: Thomas P. McDill, The Engineers
6405 Indian Scout Dr., Casper, WY 82601

APPLICANT: New Vistas, Inc.
120 N. Center St., Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 81-604RR

REVIEWING ENGINEER: Thomas S. Norman *Thomas S. Norman*

DATE OF REVIEW: May 7, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Page 1. Sewer invert elevations are not shown.
2. Page 1. Where does the 6-inch fire line go to located at the corner of Buckboard and Stagecoach Road?
3. The sewer slopes are not correct on pages 2, 3, 4, 9, 15 and 19.
4. Page 15, Manhole W2. The invert out elevation is higher than the invert in elevation.
5. Pages 25-28. The sewer lines on Indian Scout Drive, 30 foot utility easement, and Conestoga Court are not approved until the lift station plans and specifications are submitted and approved.
6. Construction is contingent on BPU sewer interceptor being completed. A letter from the Casper BPU is necessary stating that they will treat the sewage and any conditions regarding the interceptor should be included.
7. A letter from Brooks Water and Sewer District is necessary stating that facilities are available to adequately provide water and sewage collection to your development.

1-18-82

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Cottonwood Addition, Natrona Co.

ARCHITECT OR ENGINEER: Thomas McDill, The Engineers
6405 Indian Scout Dr., Casper, WY 82601

APPLICANT: New Vistas, Inc.
120 N. Center St., Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 81-604R

REVIEWING ENGINEER: Thomas S. Norman *Thomas S. Norman*

DATE OF REVIEW: January 18, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

This response is to remind you that my review comments of September 21, 1981 were not all answered. I am still awaiting confirmation from the water and sewer utilities.

TNS/nc

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 13, 1982

CERTIFIED

New Vistas, Inc.
120 N. Center St.
Casper, WY 82601



Gentlemen:

Our records indicate your application for a permit to construct, Reference Number 81-604, Facility Name Cottonwood Addition, Natrona County, 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,

Thomas S. Norman
Water Quality Division

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Cottonwood Addition, Natrona Co.

ARCHITECT OR ENGINEER: Thomas R. McDill, Jr., The Engineers
6405 Indian Scout Dr., Casper, WY 82601

APPLICANT: New Vistas, Inc.
120 N. Center St., Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 81-604

REVIEWING ENGINEER: Thomas S. Norman *Thomas S. Norman*

DATE OF REVIEW: September 21, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

WATER

1. Ten State Standards requires that at high points in water mains where air can accumulate provisions shall be made to remove the air by means of hydrants or air relief valves.
2. What is the water pressure range at the connection to the existing water system? Data must be submitted showing that 20 psi can be maintained under all flow conditions. What is the design flow including fire flow?
3. Where will the highly chlorinated water from disinfecting the water lines be discharged? It shall not enter the storm drains or the river.
4. What pressure class will the PVC pipe be?
5. There are numerous instances where the profiles show that the water line will not be a minimum of 18 inches over the sanitary and storm sewers. Please call out these areas on the plans and state whether the 18-inch separation over the sewer can be achieved or whether the sewer material must be changed to that of the water.
6. A letter from the public utility supplying the water must be submitted stating that adequate quantities and treatment is available to service this area.
7. What happens to the water at the west end of Trevette Lane?

WASTEWATER

1. Some of the slopes on the sewers are inadequate. Eight-inch pipe must be 0.40% minimum and ten-inch pipe must be 0.28% minimum.
2. The manhole T3 is drawn incorrectly on page 16/24. It is ten feet lower than the stated values.

3. What happens to the sewer at the west end of Trevette Lane?
4. A letter from the public utility accepting the sewage must be submitted stating that adequate transport and treatment is available for the additional hydraulic and organic wastewater load from this area.

GENERAL

1. Do the 500 single family homes correspond with the number of lots available? I need to know so it can be included on the permit.
2. As determined by the Water Quality Administrator, a Permit to Construct for this proposed construction will not be granted until such time as we can be assured that the North Platte River Sanitary Sewer Extension (Paradise Valley to Riverswest) will be constructed and operational to collect and transport the wastewater from the subdivision to the Casper municipal treatment facility. Therefore, please request that the Casper BPU submit to us an estimated construction schedule for the sewer extension line and the school.
3. The plans were not signed or sealed by a registered engineer.

TSN/nc

9-17-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-605
See Special Condition

Rigair Inc. Septic System
(Name of Facility)

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

Vasco Inc.

P. O. box 4001

Casper, WY 82602

to construct, install, or modify a commercial subsurface disposal wastewater system facility according to the procedures and conditions of the application No. 81-605. The facility is located in Lot 49, NW 1/4, SW 1/4, Section 34, T34N, R80W in the County of Natrona, 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.

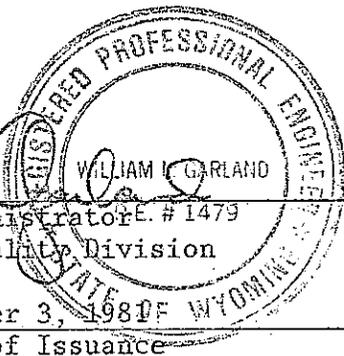
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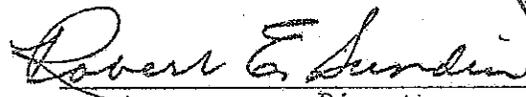
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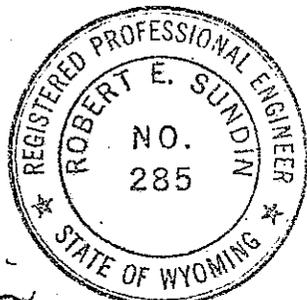
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AUTHORIZED BY:


WILLIAM I. GARLAND
Administrator # 1479
Water Quality Division
September 3, 1981
Date of Issuance




Robert E. Sundin
Director
Dept. of Environmental Quality



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

cc: Terry Titus, P.E.
WLC&J, Inc.
632 South David Street
Casper, WY 82601

Chuck Davis, Natrona County Planner

Conditions to Permit to Construct

The intent of the construction authorized by this permit is to provide facilities for the interim treatment of wastewater until such time that treatment is available through a regional wastewater system. The Casper Urban Water Quality Management Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Casper Urban Water Quality Management Plan and the Final 201 Facility Plan.

9-17-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-606

Pratt Addition #4 - Foxhill Terraces
(Name of Facility)

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

Casper Board of Public Utilities

200 N. David

Casper, WY 82601

to construct, install, or modify a sanitary sewer and potable water distribution facility according to the procedures and conditions of the application No. 81-606. The facility is located in Section 14, T33N, R79W in the County of Natrona, 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.

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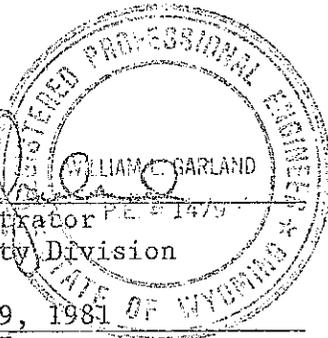
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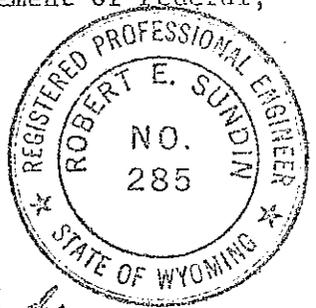
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AUTHORIZED BY:


Administrator
Water Quality Division
September 9, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

cc: Terry L. Titus
Worthington, Lenhart, Carpenter & Johnson
632 S. David
Casper, WY 82602

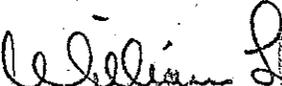
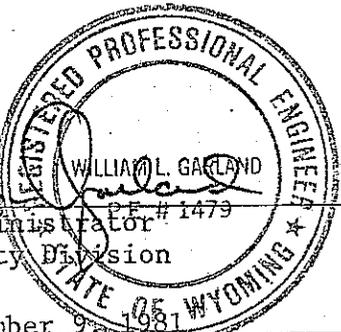
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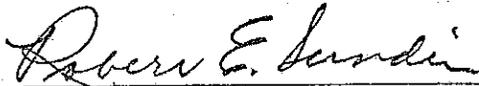
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AUTHORIZED BY:


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

November 9, 1987
Date of Issuance


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

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

cc: Stephen C. Behrens
URS Co., Inc.
3955 E. Exposition Ave.
Denver, Colorado 80209

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

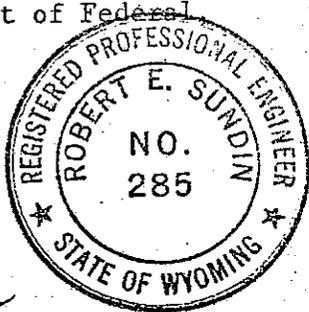
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


William L. Garland
WILLIAM L. GARLAND
Administrative # 1479
Water Quality Division
OCTOBER 13, 1981
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.

9-21-81

Tony,

81-609
81-610

Re: Wyoming OSP #2
Sediment Ponds

1. Groundwater impact was not addressed in the application.

2. However I see a negligible impact on groundwater quality. The ponds trap run-off & sediment from a stockpile of overburden.

The valuable aquifers in the area are deep & artesian.

Bill Ewen

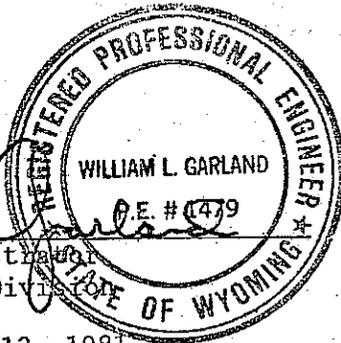
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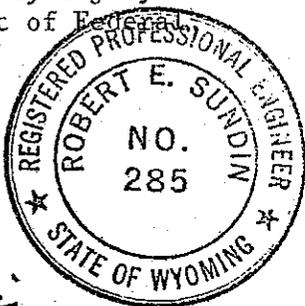
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AUTHORIZED BY:


William L. Garland
Administrator
Water Quality Division
STATE OF WYOMING


Robert E. Sundin
Director
Dept. of Environmental Quality

October 13, 1981
Date of Issuance

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

xc: Doyl Fritz
Western Water Consultants
P.O. Box 3042
Sheridan, WY 82801

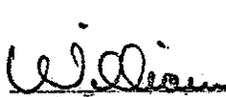
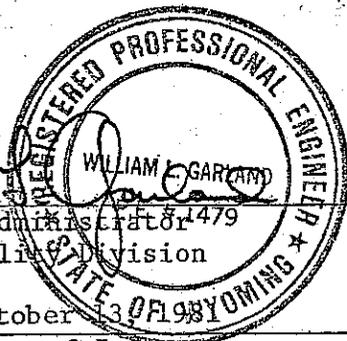
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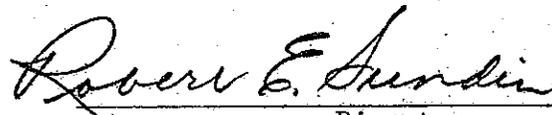
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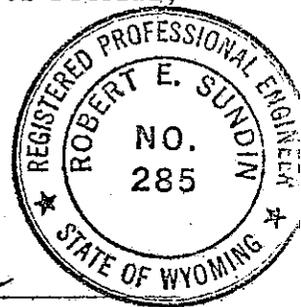
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AUTHORIZED BY:



Administrator 1479
Water Quality Division
October 13, 1981
Date of Issuance


Director
Dept. of Environmental Quality



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

xc: Doyl Fritz
Western Water Consultants
P.O. Box 3042
Sheridan, WY 82801

10-30-5

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 81-611R

Elk Mountain Chlorination System
(Name of Facility)

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

Town of Elk Mountain

Town Hall

Elk Mountain, WY 82324

to construct, install, or modify a potable water supply chlorination facility according to the procedures and conditions of the application No. 81-611R. The facility is located in Section 20, T20N, R80W in the County of Carbon, in the State of Wyoming.

This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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.

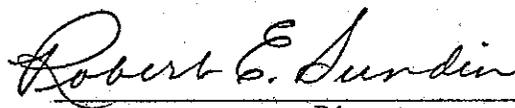
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator
Water Quality Division
STATE OF WYOMING


ROBERT E. SUNDIN
Director
Dept. of Environmental Quality

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

October 19, 1981
Date of Issuance

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

cc: Jim Cavalli
P. O. Box 550
Laramie, WY 82070

9-17-81

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Elk Mountain Chlorination System, Carbon Co.

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

APPLICANT: Town of Elk Mountain
Town Hall, Elk Mountain, WY 82324

WATER QUALITY DIVISION REFERENCE NUMBER: 81-611

REVIEWING ENGINEER: Theodore D. Coyer, P.E. *Theodore D. Coyer*

DATE OF REVIEW: September 16, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

- 1. The door for the chlorine room must swing outward.
- 2. The plans were not sealed or signed by a registered Wyoming Engineer.

TDC/nc

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-612

Rawlins Elementary School
(Name of Facility)

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

Carbon County School District No. 1

Carbon Building

3rd & Buffalo Streets.

Rawlins, WY 82301

to construct, install, or modify a sanitary sewer and potable water distribution facility according to the procedures and conditions of the application No. 81-612. The facility is located in Section 4, T21N, R87W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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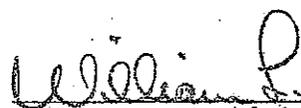
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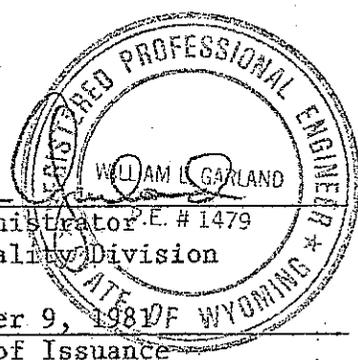
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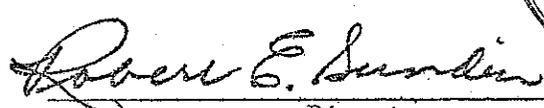
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

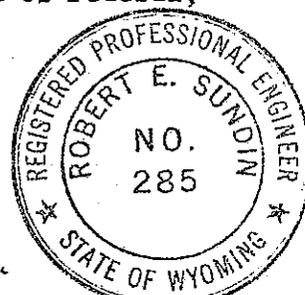
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator P.E. # 1479
Water Quality Division
September 9, 1981
Date of Issuance




Robert E. Sundin
Director
Dept. of Environmental Quality



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

cc: Ed Nowak
P.O. Box 550
Laramie, WY 82070

9-17-81

PERMIT TO CONSTRUCT

Permit No. 81-613

- New
- Renewal
- Modified

Prairie Apartments
(Name of Facility)

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

City of Cheyenne

2101 O'Neil

Cheyenne, WY 82001

to construct, install, or modify a water main and sanitary sewer to service 8 four-plex facility according to the procedures and conditions of the application No. 81-613. The facility is located in Dry Creek South Subdivision, Cheyenne, WY in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

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 the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

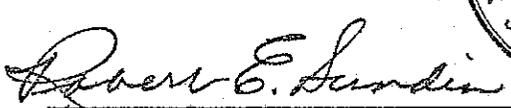
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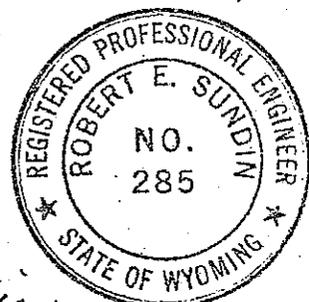
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM D. GARLAND
Administrator P.E. # 1479
Water Quality Division
September 9, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

cc: Jon Anderson
A.V.I., P.C.
7300 Yellowstone Road
Cheyenne, WY 82001

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-614

SEE SPECIAL CONDITION

Scherer Brothers Construction Co.
(Name of Facility)

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

Scherer Brothers Construction Co.
954 Bretton Drive
Casper, WY 82601

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-614. The facility is located in Section 20, T34N, R79W in the County of Natrona, 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.

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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.

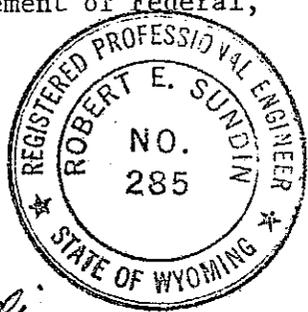
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AUTHORIZED BY:


William L. Garland

Administrator
Water Quality Division
STATE OF WYOMING
September 16, 1981

Date of Issuance


Robert E. Sundin

Director
Dept. of Environmental Quality

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

cc: Gray C. Wangelin
E.I.T.S.
P.O. Box 4075
Casper, WY 82604

Conditions to Permit to Construct

The intent of the construction authorized by this permit is to provide facilities for the interim treatment of wastewater until such time that treatment is available through a regional wastewater system. The Casper Urban Water Quality Management Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Casper Urban Water Quality Management Plan and the Final 201 Facility Plan.

9, 24-21

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-615

Laramie Energy Technology Center's North Site Retorting Facility
(Name of Facility)

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

U.S. Dept. of Energy

Laramie Energy Technology Center

P.O. Box 3395, University Station

Laramie, WY 82071

to construct, install, or modify a diked tank farm for retort experimental facility according to the procedures and conditions of the application No. 81-615. The facility is located in Section 21, T16N, R16W in the County of Albany, 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.

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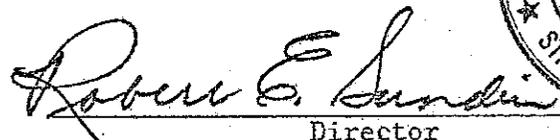
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AUTHORIZED BY:


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


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

September 16, 1981
Date of Issuance

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

cc: S. Edward Mead
LETC
P.O. Box 3395, University Station
Laramie, WY 82071

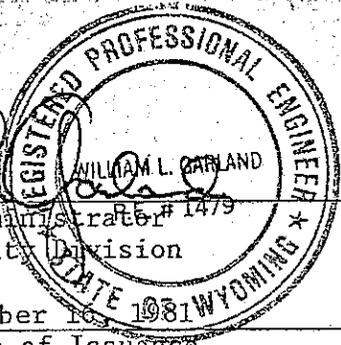
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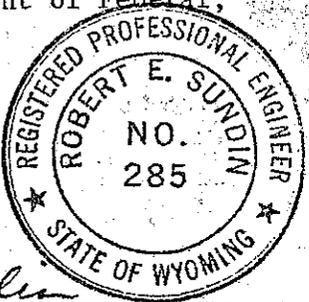
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AUTHORIZED BY:


William L. Garland
WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
October 16, 1981
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.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-617R

GILLETTE BUSINESS PARK SUBDIVISION
(Name of Facility)

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

Community Development Systems, Inc.

c/o Larson & Brimacombe

1901 Energy Court, Suite 120

Gillette, Wyoming 82716

to construct, install, or modify a sewer and public water supply main extension

facility according to the procedures and conditions of the application No. 81-617R. The facility is located in Sec. 21, T.50N., R.72W.

in the County of Campbell,

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.

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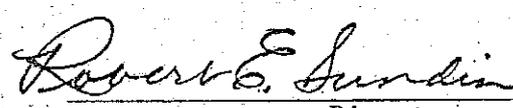
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AUTHORIZED BY:



WILLIAM L. GARLAND
#1450
Administrator
Water Quality Division
STATE OF WYOMING
October 16, 1981
Date of Issuance



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

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

12-3-55

PERMIT TO CONSTRUCT

New

Permit No. 81-618RR

Renewal

Modified

SWEETWATER COUNTY SCHOOL DISTRICT #1 ADMINISTRATION BUILDING
(Name of Facility)

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

Sweetwater County School District #1

P.O. Box 1089

Rock Springs, WY 82901

to construct, install, or modify a _____

_____ water distribution line _____

_____ facility according to the procedures and conditions of the

application No. 81-618RR. The facility is located in _____

_____ Sec. 33, T. 19N, R. 105W. _____

_____ in the County of Sweetwater,

in the State of Wyoming. This permit shall be effective for a period of Two

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

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

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

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

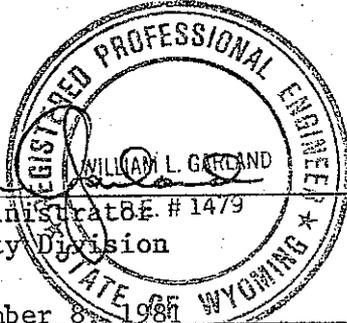
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

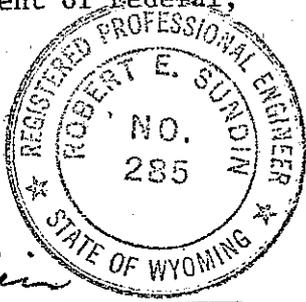
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
Administrat~~or~~ # 1479
Water Quality Division
December 8, 1981
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:nb
12/9/81

Cheyenne

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: SWEETWATER COUNTY SCHOOL DISTRICT #1, ADMINISTRATION BUILDING

ENGINEER: Thomas M. P. Hogan
P.O. Box 550
Laramie, WY 82070

OWNER: Sweetwater County School District #1
P.O. Box 1089
Rock Springs, WY 82901

WATER QUALITY DIVISION REFERENCE NUMBER: 81-618

REVIEWING ~~XXXXXXXXXX~~ EVALUATOR: Frank LaBarge *FL*

DATE OF REVIEW: September 28, 1981

ACTION: Not authorized.

COMMENTS: The following points need to be resolved before a "Permit to Construct" can be issued.

Sewer System

1. What is the anticipated daily wastewater flow from the building? Based upon this figure, a determination will be made on the need for a "Permit to Construct" the proposed "sewer service connection pipe."

Water System

2. A letter is needed from Pacific Power and Light Co. verifying that they can adequately supply the required volumes of water at the required pressure of 20 psi under all conditions of flow, and that they will allow the tap into their line to be made.
3. A water line profile is needed. The sewer line crossing should be shown on the profile.

A.C

Review of Plans and Specifications

Sweetwater County School Dist. #1, Administration Bldg., DEQ #81-618

Date of Review - September 28, 1981

Page 2

4. What are the anticipated maximum and minimum static and dynamic pressures in the proposed water line?
5. The Water Distribution System specs state that excavation, filling and backfilling are described under Section 2C. This section is not included in the specs.
6. The sterilization specification is inadequate. The lines should be disinfected in accordance with AWWA Standard C601.
7. The testing specification is inadequate. The lines should be pressure tested, in accordance with AWWA Standard C600.
8. The specs make no reference to pipe jointing. This should be included.

Please submit the required information, in triplicate, to this office. This does not necessarily constitute the final review. If you have any questions, please call me.

FL:nb
9/29/81

10-13-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-619

SIMS LANE SEWER LINE
(Name of Facility)

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

City of Evanston
P.O. Box 130
Evanston, WY 82930

to construct, install, or modify a _____
sewer line

_____ facility according to the procedures and conditions of the
application No. 81-619. The facility is located in _____
Sec. 17, T. 15N, R. 120W

_____ in the County of Uinta,

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

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

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

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

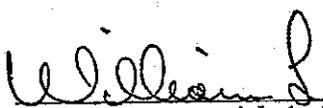
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

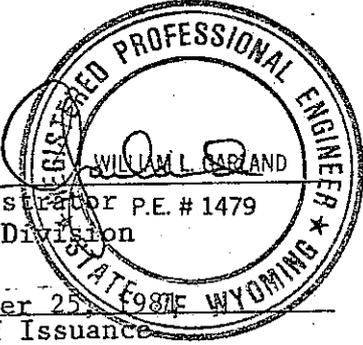
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

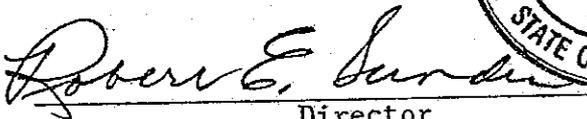
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

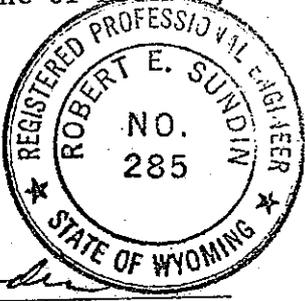
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator P.E. # 1479
Water Quality Division
September 25, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

AB:nb
9/28/81

10-13-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-620R

LAZY T's MOTEL
(Name of Facility)

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

LaVoy Taylor
Cokeville,
Wyoming 83114

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

facility according to the procedures and conditions of the
application No. 81-620R . The facility is located in
Sec. 5, T. 24N, R. 119W

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

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

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

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

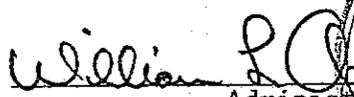
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

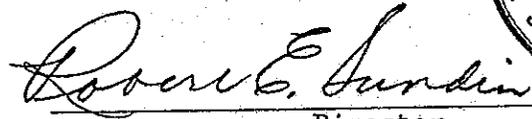
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING
P.E. # 1479
Administrator
Water Quality Division
September 28, 1981
Date of Issuance


ROBERT E. SUNDIR
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING
NO. 285
Director
Dept. of Environmental Quality

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

FL:nb
9/29/81

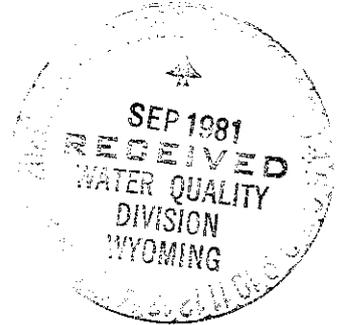
Cheyenne
Lincoln

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144



PROJECT: LAZY T'S MOTEL

ENGINEER: Keith E. McNinch
Box 633
Big Piney, WY 83113

OWNER: LaVoy Taylor
Cokeville, WY 83114

WATER QUALITY DIVISION REFERENCE NUMBER: 81-620

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

DATE OF REVIEW: September 23, 1981

ACTION: Not authorized.

COMMENTS: The following points need to be resolved before a "Permit to Construct" can be issued.

1. The plans need to be signed or stamped by the engineer.
2. As we discussed, it would be better to abandon the pump and lower the disposal field. If this is what you wish to do, please make the necessary changes in the application.
3. How many service connections are tapped off the well? If there are ten or more service connections, the system is defined as a public water supply and must be covered by a permit from this office. If there is an existing permit, please furnish the permit number. If there will be ten or more service connections, and it is not covered by a DEQ permit, then an application must be made for one. If there will be nine, or fewer, service connections, then the system is defined as private and no DEQ permits are needed.

Please submit the required information and revised drawings, in triplicate, to this office. Upon receipt of a satisfactory reply, a "Permit to Construct" will be issued. If you have any questions, please call me.

FL:nb
9/24/81

AIC

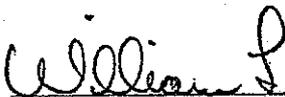
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

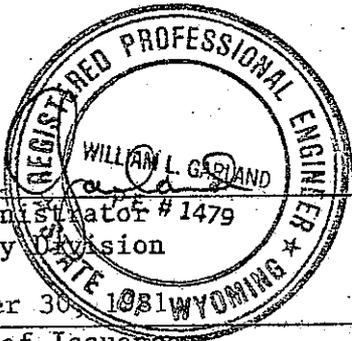
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

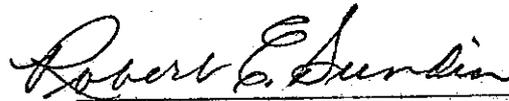
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

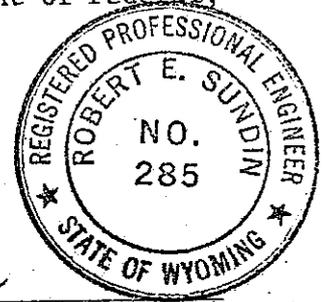
AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
September 30, 1981
Date of Issuance





Director
Dept. of Environmental Quality



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

AB:nb
10/1/81

10-2-81

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-622R

Amoco Wamsutter Custody Transfer Unit
(Name of Facility)

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

Amoco Production Co.

P.O. Box 1400

Riverton, WY 82501

to construct, install, or modify a small subsurface wastewater disposal facility according to the procedures and conditions of the application No. 81-622R. The facility is located in Section 3, T18N, R93W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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.

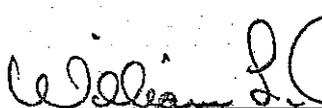
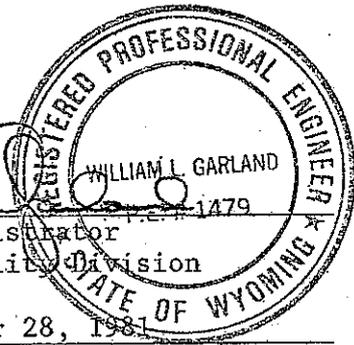
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

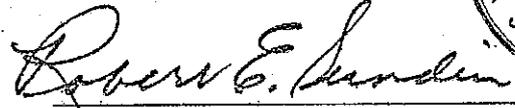
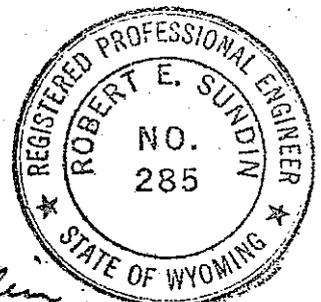
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:



WILLIAM L. GARLAND
P.E. # 1479
Administrator
Water Quality Division
September 28, 1981
Date of Issuance



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

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

cc: Don Armstrong
Tudor Engineering
450 So. Federal
Riverton, WY 82501

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520
PHONE: (307) 332-3144

PROJECT: Wamsutter Custody Transfer Unit

ENGINEER: Donald Armstrong
450 South Federal Blvd.
Riverton, WY 82501

OWNER: Amoco Production Co.
P.O. Box 1400
Riverton, WY 82501

WATER QUALITY DIVISION REFERENCE NUMBER: 81-622

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

DATE OF REVIEW: September 8, 1981

ACTION: Not authorized.

COMMENTS: The following points need to be resolved before a "Permit to Construct" can be issued:

1. What is the number of baths in the office?
2. This is a standard tank, correct?
3. A minimum of two inches of drainfield filler material is needed over the distribution lines; the check list sheet calls for 0 inches.
4. It is indicated that there is a private water supply serving the facility, but there are no water lines or well shown on the Plan Sheet. Please show these and indicate the distances to the septic tank and leach field.

Please submit the required information, in triplicate, to this office.
If you have any questions, please call me.

FL:nb

PERMIT TO CONSTRUCT

New

Permit No. 81-623R

Renewal

Modified

MERCURY CHEMICAL SANITARY SEWAGE DISPOSAL
(Name of Facility)

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

Mercury Chemical

28204 Meadow Drive

Evergreen, Colorado 80439

to construct, install, or modify a _____

septic tank, side hill leach field

_____ facility according to the procedures and conditions of the

application No. 81-623R. The facility is located in _____

Sec. 30, T. 16N, R. 120W.

_____ in the County of Uinta,

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

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

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

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

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

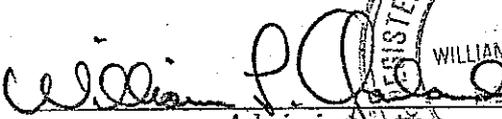
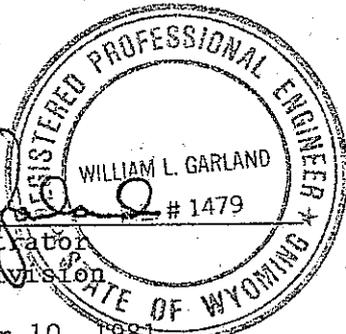
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

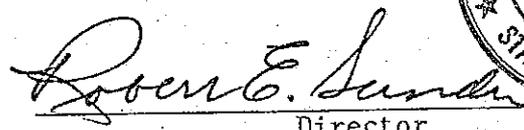
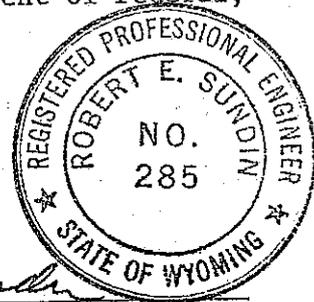
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
1479
Administrator
Water Quality Division



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


September 10, 1981
Date of Issuance

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

FL:nb
9-11-81

Winta

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Mercury Chemical Sanitary Sewage Disposal

ENGINEER: Rocky Mountain Engineering & Surveying, Inc.
P.O. Box 805
Evanston, WY 82930
Attn: Dale Peterson

OWNER: Mercury Chemical
28204 Meadow Drive
Evergreen, CO 80439

WATER QUALITY DIVISION REFERENCE NUMBER: 81-623

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

DATE OF REVIEW: September 8, 1981

ACTION: Not authorized.

COMMENTS:

Dale:

The plans are very good, but before I can approve them, I need three sets with your stamp on them.

FL:nb

A

MEMORANDUM



TO: FILE
FROM: Sterling Roberts *SR*
DATE: April 12, 1989
SUBJECT: Old Construction projects

The following construction projects have been cancelled or withdrawn. The following list indicates the status of these projects.

<u>Permit Number</u>	<u>Facility Name</u>	<u>Status</u>
81-624	Battle Mt. Lodge	Plans returned to applicant. Owner bankrupt. Drop from files
81-786	American Hunter New Fork #2	Project was cancelled. Drop from files.
84-029	Thomson Reserve	Plans cancelled 5/16/86 as per letter from applicant.
86-016	Long Tree Timber	Plans returned to applicant. Drop from files.
86-203	Beverly Subdiv.	Plans returned to applicant. Drop from files.



THE STATE OF WYOMING

Korma

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 16, 1986

Nina Cutrubus
University Services
1159 East Second Avenue
Salt Lake City, UT 84103

Dear Ms. Cutrubus:

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

Facility Name:	<u>Battle Mountain Lodge Septic System</u> <i>Sublette</i>
DEQ/WQD Reference Number:	<u>81-624</u>
Engineering Consultant:	<u>N/A</u>
DEQ/WQD Review Engineer:	<u>Frank LaBarge</u>
Date of DEQ/WQD Review:	<u>7-6-82</u>

According to Chapter III of the Water Quality Rules and Regulations, Section 7 b. (2), "If an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide the requested information within that period, the entire incomplete application shall be returned."

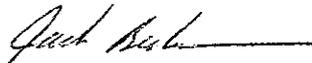
Please indicate below the status of this project and return this form to our office.

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within thirty (30) days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within thirty (30) days.
- Other Remarks: _____

Page Two

You are reminded that the construction, installation, or modification of any sewage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes, and is punishable with a fine not to exceed \$10,000 for each day of violation. Unless the Water Quality Division review engineer receives information concerning the status of this project within fifteen (15) days of the receipt of this letter, follow-up action will be taken.

Sincerely,



Jack Bedessem
Southwest District Supervisor

JB/jw



Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

~~November 19, 1985~~

December 16, 1985

~~CERTIFIED P-399-271-387~~

Gerald Tuggle
Star Route Box 60C
Jackson, WY 83001

Dear Mr. Tuggle:

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

Facility Name: Battle Mountain Lodge Septic System

DEQ/WQD Reference Number: 81-624

Engineering Consultant: Robert Norton, Nelson Engineering

DEQ/WQD Review Engineer: Jack Bedessem/Bill Locke

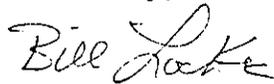
Date of DEQ/WQD Review: 1981

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

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within thirty (30) days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within thirty (30) days.
- Other Remarks: _____

You are reminded that the construction, installation, or modification of any sewage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes, and is punishable with a fine not to exceed \$10,000 for each day of violation. Unless the Water Quality Division review engineer receives information concerning the status of this project within fifteen (15) days of the receipt of this letter, follow-up action will be taken.

Sincerely,

A handwritten signature in cursive script that reads "Bill Locke".

Bill Locke, P.E.
Water Quality Engineer

BL/jw



THE STATE OF WYOMING

Korner

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

November 19, 1985

CERTIFIED P 399 271 387

Gerald Tuggle
Star Route Box 60C
Jackson, WY 83001

Dear Mr. Tuggle:

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

Facility Name:	<u>Battle Mountain Lodge Septic System</u>
DEQ/WQD Reference Number:	<u>81-624</u>
Engineering Consultant:	<u>Robert Norton, Nelson Engineering</u>
DEQ/WQD Review Engineer:	<u>Jack Bedessem/Bill Locke</u>
Date of DEQ/WQD Review:	<u>1981</u>

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

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

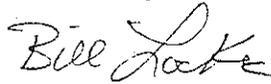
_____ The application will be resubmitted within thirty (30) days.

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

_____ Other Remarks: _____

You are reminded that the construction, installation, or modification of any sewage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes, and is punishable with a fine not to exceed \$10,000 for each day of violation. Unless the Water Quality Division review engineer receives information concerning the status of this project within fifteen (15) days of the receipt of this letter, follow-up action will be taken.

Sincerely,

A handwritten signature in cursive script that reads "Bill Locke".

Bill Locke, P.E.
Water Quality Engineer

BL/jw



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

October 28, 1985

CERTIFIED P 399 271 372

Robert Norton
Nelson Engineering
P.O. Box 1599
Jackson, WY 83001

Dear Mr. Norton:

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

Facility Name:	<u>Battle Mountain Lodge Septic System</u>	<i>Sublette Co. Gen. File</i>
DEQ/WQD Reference Number:	<u>81-624</u>	
Engineering Consultant:	<u>Gerald Tuggle, St. Rt. Box 60C, Jackson</u>	
DEQ/WQD Review Engineer:	<u>Jack Bedessem/Bill Locke</u>	
Date of DEQ/WQD Review:	<u>1981</u>	

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

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within thirty (30) days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within thirty (30) days.
- Other Remarks: _____



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

April 22, 1982

Nena Kutrubus
University Services
1159 2nd Avenue
Salt Lake City, UT 84103

RE: Battle Mountain Lodge Septic
System, DEQ #81-624

Dear Ms. Kutrubus:

Please find enclosed a copy of the letter from Nelson Engineering to this department in regard to the above referenced facility which you requested.

As you are aware, I have not received any response to my January 27, 1982 letter to Mr. Gerald Tuggle. Please inform this office, in writing, when a reply can be expected. If you have any questions, please contact me at this office. I am available to help you resolve this matter in any way I can.

Yours truly,

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

Francis LaBarge
Water Quality Evaluator
Southwest District

FL:ch
Enclosure
cc: Cheyenne DEQ/WQD
File (2)



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

April 28, 1982

Nena Kutrubus
University Services
1159 2nd Avenue
Salt Lake City, UT 84103

RE: Battle Mountain Lodge Septic
System, DEQ #81-624

Dear Ms. Kutrubus:

As per your request, I have enclosed a complete copy of the application filed by Nelson Engineering and our November 3, 1981 review letter for the above referenced facility.

I am looking forward to hearing from you in the near future.

Yours truly,

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

Francis LaBarge
Water Quality Evaluator
Southwest District

FL:ch

Enclosure

cc: Cheyenne DEQ/WQD
File (2)



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 27, 1982

CERTIFIED MAIL

Mr. Gerald Tuggle
Star Rt., Box 60C
South of Jackson
Jackson, WY 83001

RE: Battle Mt. Lodge Septic System,
DEQ #81-624

Dear Mr. Tuggle:

Mr. Ruyle has been transferred to our Northeast District office and your case has been turned over to me. In reviewing your file, I see there has not been any reply to Mr. Ruyle's November 3, 1981, review letter requesting additional information on your septic system.

Please be advised that sufficient time has passed for a response. You are requested to submit a reply, in triplicate, to Mr. Ruyle's November 3, 1981, review within thirty (30) days of your receipt of this letter. Upon receipt of the requested information your system will be evaluated and you will be informed of the results.

Failure to receive a reply within the thirty day time frame will result in a request to the Attorney General's Office for enforcement action. If you have any questions, please call me. I will be glad to help you in any way I can to resolve this matter.

Yours truly,

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

Francis LaBarge
Water Quality Evaluator
Southwest District

FL:ch

cc: Cheyenne DEQ/WQD ✓
Marion Yoder - Assistant Attorney General
Robert Norton - Nelson Engineering, Jackson
Janet Montgomery - Sublette County Planner

Cheyenne

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: BATTLE MOUNTAIN LODGE

ENGINEER: Robert Norton
Nelson Engineering
P.O. Box 1599
Jackson, WY 83001

OWNER: Gerald Tuggle
Star Route, Box 60C
South of Jackson, WY 83001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-624

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: November 3, 1981

ACTION: Not authorized.

COMMENTS:

I spoke with Lee Marboe on October 26 about the following items.
This additional information is needed before the plans can be approved.

- 1) The location of the water and sewer lines to the cabins and the water line to the lodge should be shown on the plan drawing. How many water service connections are there?
- 2) An estimate of the wastewater volume needs to be made. This can be based on the number of patrons/day in the restaurant (@ 10 gallons/patron/day) and the number of people residing in the cabins (@ 50 gallons/person/day).
- 3) The percolation rate of the leach field soil needs to be determined.
- 4) Is the leach field in a parking area? It should be blocked off.

RR:nb
11/4/81

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.

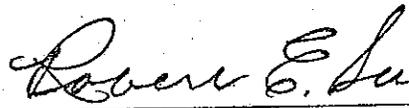
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
P.E. # 1479
Administrator
Water Quality Division
STATE OF WYOMING


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

December 4, 1981
Date of Issuance

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

AB:nb
12/4/81

Cheyenne

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: LUPINE MEADOWS SUBDIVISION - PLATS A & B

ENGINEER: C & S Engineering
2285 South Main, Suite 12
Salt Lake City, UT 84115
ATTN: Glen R. Larson

OWNER: Monhegan Associates, Inc.
P.O. Box 15332
Salt Lake City, UT 84115

WATER QUALITY DIVISION REFERENCE NUMBER: 81-625

REVIEWING ENGINEER: Al Berreth *ajf*

DATE OF REVIEW: September 30, 1981

ACTION: Not authorized.

COMMENTS: The following comments need to be addressed before a "Permit to Construct" can be issued:

1. Dead end water lines need to have a blowoff. The blowoff should conform to the Evanston special provisions.
2. Sewer lines cannot be plugged, except in the instance of a short stubout. A manhole is required unless the length is 150 feet, or less, in which case a cleanout is acceptable.
3. Please include finished rim elevations for the manholes.
4. Drop manholes must be installed where the sewer line comes in over two feet above the manhole invert.
5. Water line crossings need to be shown on the sewer line profile.
6. Please show gate valves in conjunction with fire hydrants.
7. The ductile iron water line will need to conform to AWWA specifications per the Wyoming Public Works Specifications.
9. Subdivision water line profiles should be provided.



A.C.

Review of Plans and Specifications

Lupine Meadows Subdivision - Plats A & B, DEQ #81-625

Date of Review - September 30, 1981

Page Two

10. Details of the storm water pond sizing and operation need to be provided.
11. For sewer sizing, the peaking factor needs to be in accordance with "Ten-States Standards," or four.
12. Do the computer runs consider the length of line leading to the subdivision?
13. The Evanston City Engineer must review the plans and his comments must be addressed prior to the issuance of a permit.
14. Please supply a letter from Uinta Engineering on the expected completion date of the 15-inch sewer main.
15. The overall conceptual design appears to be acceptable.

AB:nb

10/1/81

Copy: Wayne Shepherd
Cheyenne DEQ/WQD
File (4)

Cheyenne

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: LUPINE MEADOWS SUBDIVISION - PLATS A & B

ENGINEER: C & S Engineering
2285 South Main, Suite 12
Salt Lake City, UT 84115
ATT: Glen R. Larson

OWNER: Monhegan Associates, Inc.
P.O. Box 15332
Salt Lake City, UT 84115

WATER QUALITY DIVISION REFERENCE NUMBER: 81-625R

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: October 14, 1981

ACTION: Not authorized.

COMMENTS: The revised plans have been received and the following items need further clarification.

1. Water/Sewer line crossings require 18 inches of vertical separation. The crossings, as shown on the plans, on Arrowhead and Elliot Drives do not appear to have adequate separation.
2. On Sheet 3, the note says the sewer lines on Curtis Way are to be stuffed out and plugged. This is confusing, as Sheet 4 does not seem to support this.
3. On Sheet 4 the cleanout on Curtis Way is referenced but not shown.
4. A detail of the washout assembly is needed.
5. The connection detail asked for by Wayne Shepard is not shown. As a minimum, the fittings or method of connection needs to be outlined.
6. Details of the air relief valve are needed.

.../2

A.C.

Review of Plans and Specifications
Lupine Meadows Subdivision - Plats A & B, DEQ #81-625R
Date of Review, October 14, 1981
Page 2

7. The letter from Uinta Engineering has not been received.
8. Concerning the storm water ponds, what about fencing?
9. "Ten States" requires a peaking factor of at least 3.3 yielding a peak flow of 2.25 cfs for Area A. For A and B the corresponding flow would be 2.79 cfs.

AB:nb
Copy: Cheyenne DEQ/WQD
Wayne Shepherd
File (4)



ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

May 6, 1982

The Honorable Linda Fleming
Town of Baggs
P.O. Box 300
Baggs, WY 82321

RE: Temporary Water Pressure Filters, Ref. No. 81-626R, Town of Baggs

Dear Mayor Fleming:

The DEQ/WQD has received your application (No. 81-626R) for a Permit to Construct the water pressure filters to the Town's municipal water system. Since the pressure filters are a temporary treatment system, the WQD has determined that the filters meet the minimum standards for the State of Wyoming. This authorization is conditional upon that the filters are temporary and that they will be taken out of operation upon completion of the water treatment plant (Permit No. 81-441RRR).

Since a Permit to Construct cannot be issued for facilities that are already constructed, this letter will serve as authorization of your system. It is recommended that any future construction, installation, or modification to your public water supply be permitted prior to construction to avoid violating State Statutes and possible legal action.

Sincerely,

Thomas S. Norman
Water Quality Engineer

TSN/nc

cc: David Chambers
Merrick & Company
P.O. Box 22026
Denver, CO 80222

9-16-81

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Baggs Temporary Pressure Filters, Carbon Co.

ARCHITECT OR ENGINEER: Dave Chambers, Merrick & Company
P.O. Box 22026, Denver, CO 80222

APPLICANT: Town of Baggs
P.O. Box 300, Baggs, WY 82321

WATER QUALITY DIVISION REFERENCE NUMBER: 81-626

REVIEWING ENGINEER: Thomas S. Norman *Thomas S. Norman*

DATE OF REVIEW: September 2, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. I cannot find in the correspondence how the backwash water will be disposed. My calculations show that about 11,000 gpd will be used. If a pond is being used, I need the details and assurance that it will not overflow during the winter months.
2. EPA (per May 19, 1981 letter) emphasized the necessity of proper pretreatment (chemical coagulants) to obtain an acceptable turbidity level. I do not see this as being overly expensive. Why was this not included?
3. In our meeting of July 10, 1981, I stated the necessity of having as-built plans submitted which were sealed by a registered engineer. Although the schematics you submitted may be acceptable, the law requires a professional engineer to seal them.
4. A condition of the final approval of this project is that it will be temporary and that it will be eventually either abandoned or integrated into the permanent treatment scheme. What is the estimated date that permanent facilities will be on-line so that it can be incorporated into the final approval letter?

TSN/nc

Enclosure: Notice of Violation of Turbidity Limits

7-29-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-627

G & F Diamond Storage Fire Hydrant System
(Name of Facility)

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

City of Cheyenne

2101 O'Neil

Cheyenne, WY 82001

to construct, install, or modify a potable water main facility according to the procedures and conditions of the application No. 81-627. The facility is located in Section 27, T14N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

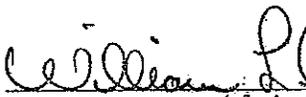
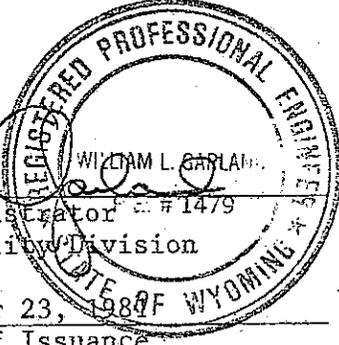
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

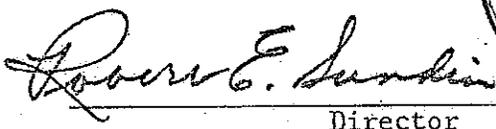
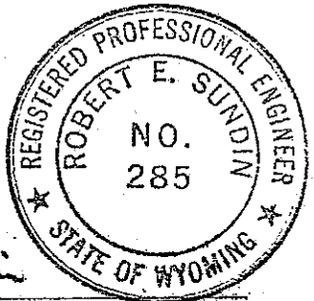
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:



Administrator #1479
Water Quality Division
September 23, 1987
Date of Issuance



Director
Dept. of Environmental Quality

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

cc: E.C. Fry
3234 Acacia Dr.
Cheyenne, WY 82001

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: G & F Diamond Storage, Laramie Co.

ARCHITECT OR ENGINEER: Edward C. Fry, P.E.
3234 Acacia Dr., Cheyenne, WY 82001

APPLICANT: City of Cheyenne
2101 O'Neil, Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-627

REVIEWING ENGINEER: Theodore D. Coyer, P.E. *Theodore D. Coyer*

DATE OF REVIEW: September 16, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Valves must be placed in the new water main at the connections to the existing water main.

TDC/nc

*Review not necessary - info. was on plans
per TC/9/23/81*

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-628

Ref. No. 79-653RR

PV Estates
(Name of Facility)

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

Ventures Seven
Rural Rt. 1, Box 416
Torrington, WY 82240

to construct, install, or modify a wastewater collection and small stabilization lagoon facility according to the procedures and conditions of the application No. 81-628. The facility is located in Sections 6 and 7, T24N, R61W in the County of Goshen, 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.

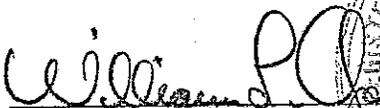
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

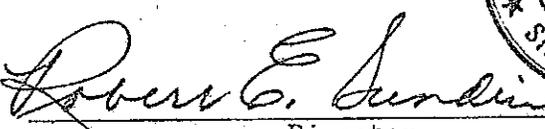
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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AUTHORIZED BY:


WILLIAM J. GARLAND
P.E. # 1479
Administrator
Water Quality Division
STATE OF WYOMING
September 16, 1981
Date of Issuance


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

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

cc: Thomas McKenna
Westat
1650 Research Blvd.
Rockville, MD 20850

10-2-81

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-629

Ref. No. 81-287

Meadowbrooke Park
(Name of Facility)

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

City of Cheyenne

2101 O'Neil Avenue

Cheyenne, WY 82001

to construct, install, or modify a municipal sewerage interceptor sewer facility according to the procedures and conditions of the application No. 81-629. The facility is located in Section 29, T14N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

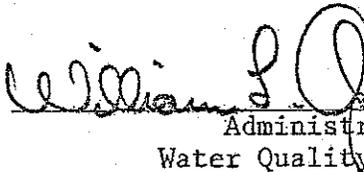
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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 the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

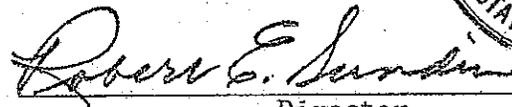
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

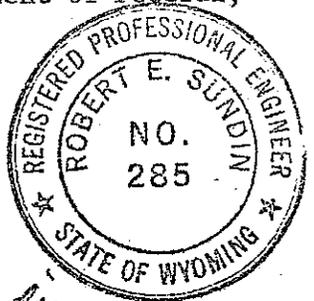
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


Administrator
Water Quality Division
September 28, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

cc: Fred A. Sielbach, Jr.
CSSA/Wyoming
1780 Westland Road
Cheyenne, WY 82001

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 81-630R

Foxhill Terraces - Interior Water & Sewer Systems
(Name of Facility)

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

Casper Board of Public Utilities

200 N. David

Casper, WY 82601

to construct, install, or modify a potable water distribution and sewage collection facility according to the procedures and conditions of the application No. 81-630R. The facility is located in Section 14, T33N, R79W in the County of Natrona, 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.

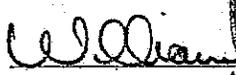
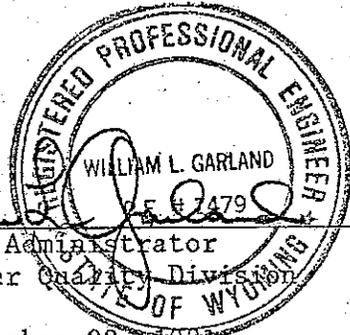
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

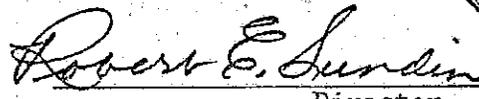
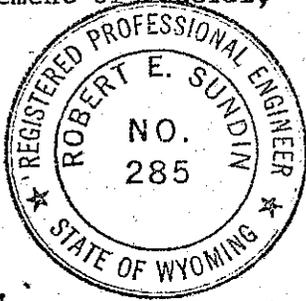
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:



WILLIAM L. GARLAND
P.E. # 2479
Administrator
Water Quality Division
STATE OF WYOMING



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

October 22, 1981
Date of Issuance

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

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

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Foxhill Terraces, Internal Water & Water Systems, Natrona Co.

ARCHITECT OR ENGINEER: Terry L. Titus, P.E., WLC & J
632 S. David St., Casper, WY 82601

APPLICANT: Casper Board of Public Utilities
200 N. David, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 81-630

REVIEWING ENGINEER: Theodore D. Coyer, P.E.

Theodore D. Coyer

DATE OF REVIEW: September 15, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Sanitary sewer system profiles shall be provided.

TDC/nc

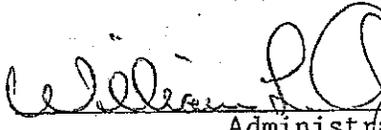
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

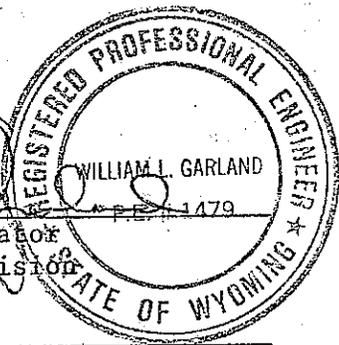
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

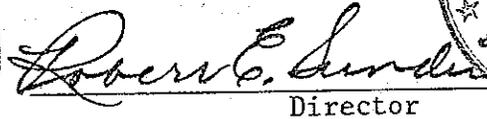
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

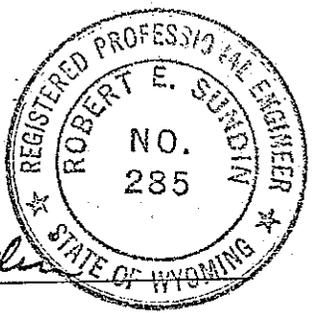
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


Administrator
Water Quality Division




Director
Dept. of Environmental Quality



January 20, 1982
Date of Issuance

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

AJB:ch

✓
Cheyenne

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Fearn Road Sewer Project

ENGINEER: L. Wayne Shepherd
112 Independence
Evanston, WY 82930

OWNER: Almy Sewer Corp.
c/o PO Box 435
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-631

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: November 19, 1981

ACTION: Not authorized.

COMMENTS: Further clarification is needed on the following:

1. Considering that the operation of the plant is subject to the cycling of the lift station and that some throttling of the lift station pumps can be expected, please demonstrate that the gate valves specified are capable of performing this function over an extended period of time with minimal wear and continued satisfactory operation.
2. A significant slope is needed within the holding tank to prevent deposition of solids.
3. Please provide details of the walkway and safety rail around the aeration basins.
4. Details of the flow measurement device are needed.

Several items became apparent during review of the above that were either not clearly addressed or omitted in the original review.

1. Short circuiting in the lagoon has not been addressed. The inlet and outlet need to be positioned so as to minimize this possibility.
2. The casing detail and specification for the road boring have not been included,

AIC

REVIEW OF PLANS AND SPECIFICATIONS

Fearn Road Sewer Project

November 20, 1981

Page Two

3. The chlorine feed rate has not been estimated. Please, also, submit details of the gaseous chlorine building.
4. The final disposition of sludge removed from the facility must be addressed. If it is to be land filled or hauled to a treatment plant, suitable letters from receiver must be supplied.
5. What fill material is to surround the aeration tanks? Will it be granular material? If not, what chance is there of metal corrosion?
6. Is this above the 100 year flood plain?

Our groundwater section has indicated that they will not have comments on this project.

A letter from the County is needed.

AB:db

11/20/81

cc: Cheyenne DEQ/WQD

Tony Mancini

Dennis Farley

Carlton Carlton

File (4)

Cheyenne

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520
PHONE: (307) 332-3144



PROJECT: FEARN ROAD SEWER PROJECT

ENGINEER: L. Wayne Shepherd
112 Independence
Evanston, WY 82930

OWNER: Almy Sewer Corporation
c/o P.O. Box 435
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-631

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: October 2, 1981

ACTION: Not authorized.

COMMENTS: The following comments need to be addressed before the permit can be issued:

LIFT STATION

1. What is the capacity of both pumps in parallel? Will this exceed the capacity of the package plant?
2. Is there some method of measuring the flow through the station? Are time clocks to be installed?
3. Check valves are specified, but not shown on the engineering drawings.
4. The engineering report seems to indicate gate valves are required and the engineering drawings do not.
5. The holding tank needs to have the bottom sloped toward the effluent channel.
6. What type of pipe is to be installed?

ECOLO CHIEF PACKAGE PLANT

1. Some type of walk-way and safety rail need to be provided in the aeration tank area.

A, B, C

2. Is land available for expansion if needed?

LAGOON AND EFFLUENT DITCH

1. What normal depth of flow and velocity is expected in the effluent ditch?
2. Some provision for multi-level draw-off is needed.
3. The appropriate concrete pads are required for all pipe entrances and exists to the lagoon.
4. What is the possibility of the inlet manhole and line plugging?
5. What compaction and permeability is expected? How close is the groundwater?
6. Two feet of freeboard needs to be maintained.
7. The lagoon piping is all 8-inch, while the inlet is 10-inch. Is the piping adequate?
8. A major concern is the possibility of an increase in suspended solids due to algae in the lagoon. What range of detention times is expected in the lagoon? Do you believe this could be a problem?
9. Is flow measurement accomplished in the package plant?
10. Groundwater may have additional comments.

Also, we need a letter from the county stating that they are aware of this project and support it.

Separate application should be made if land application is desired.

AB:nb
10/2/81

Copy: Cheyenne DEQ/WQD
Tony Mancini
Dennis Farley
Carlton & Carlton
File (4)

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-632

RIVERTON/U. S. ENERGY PLAZA SEWER EXTENSION
(Name of Facility)

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

U. S. Energy Corp. - Agent: Terry Fink, P.E.

625 E. Madison Avenue

Riverton, WY 82501

to construct, install, or modify a _____

8-inch sanitary sewer extension

_____ facility according to the procedures and conditions of the

application No. 81-632. The facility is located in _____

Sec. 27, T. 1N, R. 4E

_____ in the County of Fremont,

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

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

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

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

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

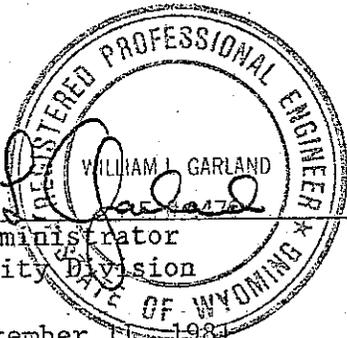
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

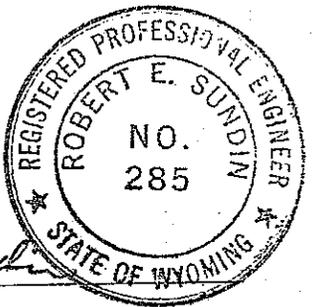
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 I. Garland
Administrator
Water Quality Division
September 11, 1981
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.

MRC:nb
9-11-81

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.

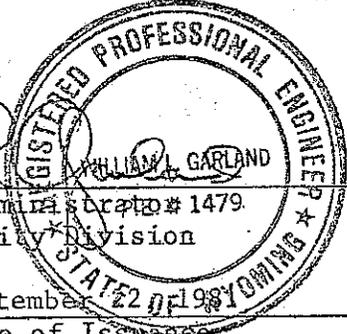
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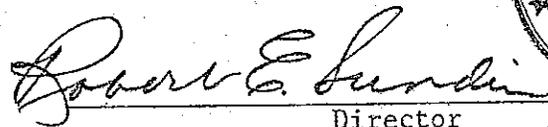
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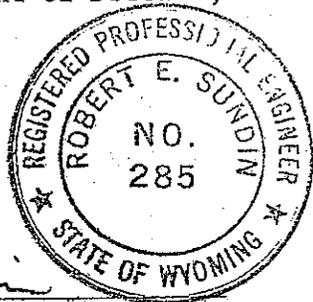
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM GARLAND
Administrative # 1479
Water Quality Division
September 22, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

FL:nb
9/22/81

Cheyenne
SLW

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Rock Springs 12" Main Extension - Elk Street

ENGINEER: Pacific Power and Light Company
920 S.W. Sixth Avenue
Portland, OR 97204
Attn: Robert L. Svendsen

OWNER: Same.

WATER QUALITY DIVISION REFERENCE NUMBER: 81-633

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

DATE OF REVIEW: September 10, 1981

ACTION: Not authorized.

COMMENTS: The following points need to be resolved before a "Permit to Construct" can be issued.

1. What are the anticipated maximum and minimum static and dynamic pressures in the lines?
2. What pressure are the pumps designed to pump against?
3. Please show the pipe material and class on the plans.

Please submit the required information, in triplicate, to this office. If you have any questions, please call me.

FL:nb
9-11-81

A.C

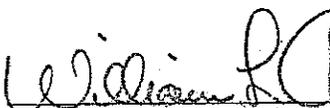
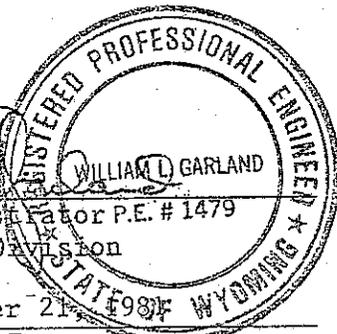
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

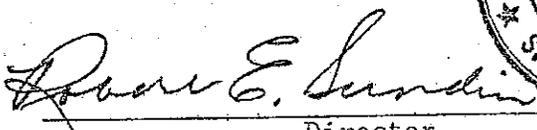
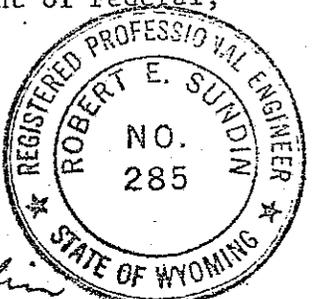
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 P.E. # 1479
Water Quality Division
September 21, 1981
Date of Issuance



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

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

FL:nb
9/22/81

Chayenne
Sw.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Rock Springs -- Tract "A" Windriver Addition, Kennedy and Reagan Ave.

ENGINEER: Pacific Power and Light Co.
920 S.W. Sixth Avenue
Portland, OR 97204
Attn: Robert L. Svendsen

OWNER: Same.

WATER QUALITY DIVISION REFERENCE NUMBER: 81-634

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

DATE OF REVIEW: September 10, 1981

ACTION: Not authorized.

COMMENTS: The following points need to be resolved before a "Permit to Construct" can be issued.

1. What are the maximum and minimum static and dynamic pressures in the proposed water lines?
2. Please indicate the pipe material and class on the plans.
3. Please note on the plans that the Wyoming Public Works Standards will be used for construction.

Please submit the required information and revised drawings, in triplicate, to this office. If you have any questions, please call me.

FL:nb
9-11-81

A/C

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-635R

WILMA GRAHAM SEWER LINE
(Name of Facility)

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

Wilma Graham
Mountain View,
Wyoming 82939

to construct, install, or modify a sewage collection line

facility according to the procedures and conditions of the

application No. 81-635R. The facility is located in Sec. 14, T. 15N, R 115W

in the County of Uinta,

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

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

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

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

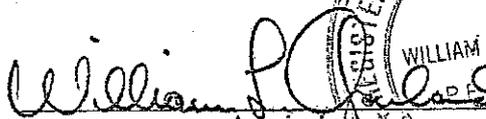
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

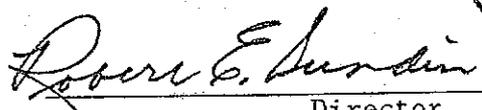
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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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
REGISTERED PROFESSIONAL ENGINEER
NO. 1479
STATE OF WYOMING
Administrator
Water Quality Division


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

September 14, 1981
Date of Issuance

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

FL:nb
9-15-81

*Chyenne
Winton*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Wilma Graham Sewer Line

ENGINEER: Rocky Mountain Engineering & Surveying, Inc.
P.O. Box 805
Evanston, WY 82930
Attn: Dale Peterson

OWNER: Mrs. Wilma Graham
Mountain View, WY 82939

WATER QUALITY DIVISION REFERENCE NUMBER: 81-635

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

DATE OF REVIEW: September 10, 1981

ACTION: Not authorized.

COMMENTS: The following points need to be resolved before a "Permit to Construct" can be issued.

1. Please show North arrows on Sheets 1 and 2.
2. Horizontal and vertical scales are needed on the sewer line profiles.
3. How many units will be served by this new line?

Please submit the required information and revised drawings, in triplicate, to this office. If you have any questions, please call me.

FL:nb
9-11-81

A.C

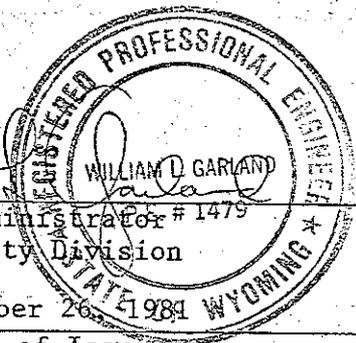
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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.

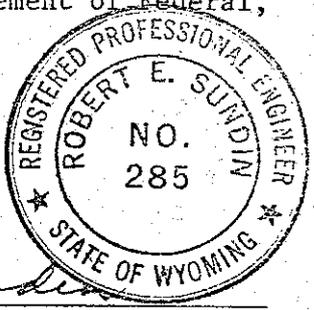
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


William D. Garland

Administrator # 1479
Water Quality Division
October 26, 1981

Date of Issuance


Robert E. Sunden

Director
Dept. of Environmental Quality

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

AB:nb
10/26/81

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144



PROJECT: THE MESA

ENGINEER: Pacific Power and Light Co.
ATTN: Robert L. Svendsen
920 S.W. Sixth Avenue
Portland, OR 97204

OWNER: Same.

WATER QUALITY DIVISION REFERENCE NUMBER: 81-636

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: October 6, 1981

ACTION: Not authorized.

COMMENTS:

A permit cannot be issued until the following item is clarified. In reviewing the water line profile, the 18-inch minimum vertical separation between water and sewer lines does not appear to be maintained. Is this to be field measured and adjusted? Please clarify this on the plans.

AB:nb
10/7/81

A, C

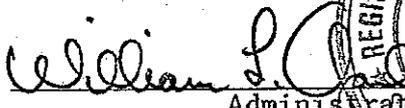
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

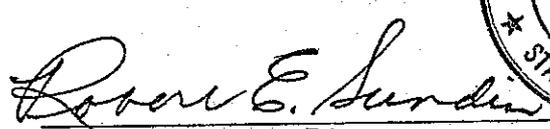
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
PE # 1479
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING
Administrator
Water Quality Division


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

September 28, 1981
Date of Issuance

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

FL:nb
9/29/81

Cheyenne
SD

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Gravity Sewer Line for Panhandle Eastern's Mobile Home Park

ENGINEER: Nelson Engineering
P.O. Box 1599
Jackson, WY 83001
Attn: Paul Selsky

OWNER: Panhandle Eastern Pipeline Company
P.O. Box 127
Brighton, CO 80601

WATER QUALITY DIVISION REFERENCE NUMBER: 81-637

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

DATE OF REVIEW: September 10, 1981

ACTION: Not authorized.

COMMENTS: The following points need to be resolved before a "Permit to Construct" can be issued.

1. Verification is needed that the existing line, into which the proposed line connects, can handle this additional flow.
2. Is the proposed line in a flood plain?

Please submit the required information, in triplicate, to this office. If you have any questions, please call me.

FL:nb
9-11-81

AIC

10-13-81

PERMIT TO CONSTRUCT

New

Permit No. 81-638R

Renewal

Modified

TOWN OF WAMSUTTER WATER AND SEWER MAIN EXTENSIONS, EAST U.S. 30
(Name of Facility)

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

Town of Wamsutter

P.O. Box 6

Wamsutter, WY 82336

to construct, install, or modify a water and sewer main extension

facility according to the procedures and conditions of the application No. 81-638R. The facility is located in Sec. 34, T. 20N, R. 94W

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

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

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

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

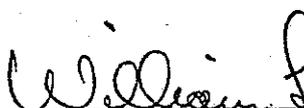
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

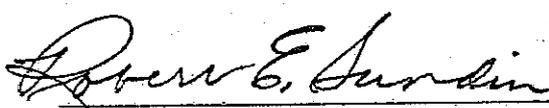
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
APR 14 1979
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING
Administrator
Water Quality Division


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

September 25, 1981
Date of Issuance

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

FL:nb
/28/81

Cheyenne
S.W.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Water and Sewer Main Extensions, East U.S. 30

ENGINEER: Nelson Engineering
Box 1599
Jackson, WY 83001
Attn: Mickey M. Yamashiro

OWNER: Town of Wamsutter
P.O. Box 6
Wamsutter, WY 82336

WATER QUALITY DIVISION REFERENCE NUMBER: 81-638

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

DATE OF REVIEW: September 10, 1981

ACTION: Not authorized.

COMMENTS: The following points need to be resolved before a "Permit to Construct" can be issued. Since two alternatives have been proposed for the water line extension, both must meet minimum design standards. After the permit is issued the choice of which alternative to use is then up to the owner, both being covered by the permit.

1. Are the proposed lines located in a flood plain?
2. A letter is needed from the Town of Wamsutter stating they can adequately treat the additional sewage.
3. Verification is needed that the existing sewer line can handle the additional flow it will receive from the proposed line.
4. A letter is needed from the Town of Wamsutter stating they can adequately supply the required volumes of water at the required pressure of 20 psi under all conditions of flow for the 6-inch line.
5. What are the anticipated maximum and minimum static and dynamic pressures in the proposed 6-inch water line?
6. A thrust block is needed where the fire hydrant tees off the main. None is shown on the plans.

Please submit the required information and revised drawings, in triplicate, to this office. If you have any questions, please contact me at this office.

FL:nb
9-11-81

A.C

81-639

THE STATE OF WYOMING



ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

November 18, 1982

Honorable Ron Calley
Town of South Superior
PO Box 307
Superior, WY 82945

RE: Sweetwater Development

Dear Mayor Calley:

In answer to the questions you raised in your recent letter, I would like to offer the following explanations.

The Department of Environmental Quality cannot give anyone authority to tap into a public or private sewage collection system. That authority lies with the owner of the system. In order to avoid illegal taps, we do require a letter from the collection system owner stating his ability to treat the wastewater and his acceptance of that wastewater.

At the time Sweetwater Housing was applying for a "Permit to Construct", Mayor Overy stated in a letter dated September 15, 1981, that South Superior could treat and would accept the wastewater from this development. He also expressed concern over construction quality and wanted the plans reviewed by the City's engineer.

After discussing the project with Tudor Engineering, I informed Mr. Smith's engineer, JFC in Rock Springs, that an additional manhole would be required. It was then that a "Permit to Construct" was written.

At this time, DEQ has issued a Notice of Violation and Cease and Desist Order to Mr. Don Smith. A copy is being sent with this letter for your information.

Please call if I can be of further assistance.

Respectfully,

Albert J. Berreth
Albert J. Berreth
Area III Supervisor

AJB:ch
Enclosure

cc: Tudor Eng.
Cheyenne DEQ/WQD
File (2)

10-2-81

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 81-639

SWEETWATER HOUSE No. 1

(Name of Facility)

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

Sweetwater Housing Development Co.

P.O. Box 1312

Alamosa, CO 81001

to construct, install, or modify a _____

sewer line extension

_____ facility according to the procedures and conditions of the

application No. 81-639. The facility is located in _____

Sec. 28, T. 21N, R. 102W

_____ in the County of Sweetwater,

in the State of Wyoming. This permit shall be effective for a period of Two

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

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

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

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

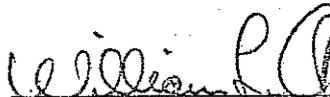
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

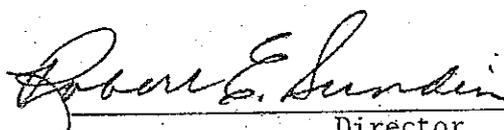
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 P. GARLAND
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING
1479
Administrator
Water Quality Division
September 21, 1981
Date of Issuance


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

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

AB:nb
9/22/81

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-640

CITIES SERVICES SEWAGE DISPOSAL
(Name of Facility)

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

Cities Services Company

1600 Broadway, Suite 900

Denver, CO 80202

to construct, install, or modify a _____

septic tank/side hill leach field

_____ facility according to the procedures and conditions of the
application No. 81-640. The facility is located in _____

Sec. 12, T. 14N, R. 120W

_____ in the County of Uinta,

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

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

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

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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.

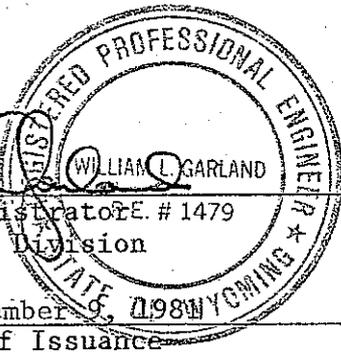
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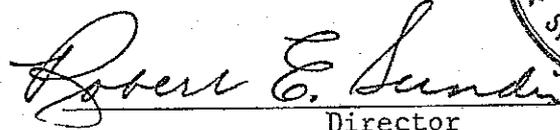
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

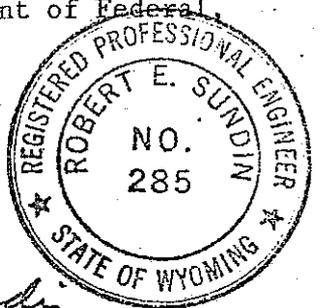
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator E. # 1479
Water Quality Division
September 5, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

FL:nb
9-10-81

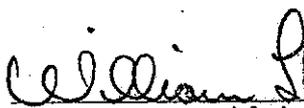
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

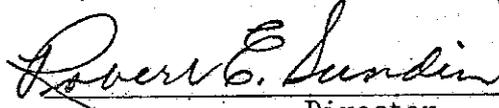
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AUTHORIZED BY:


WILLIAM L. GARLAND
Registered Professional Engineer # 1479
Water Quality Division
STATE OF WYOMING

October 8, 1987
Date of Issuance


ROBERT E. SUNDIN
Registered Professional Engineer
NO. 285
STATE OF WYOMING

Director
Dept. of Environmental Quality

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

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-642

BELLE AYR MINE, SEDIMENT BA 24 RESERVOIR
 (Name of Facility)

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

AMAX Coal Company, c/o Mike Brown

P.O. Box 3005

Gillette, Wyoming 82716

to construct, install, or modify a runoff control pond

facility according to the procedures and conditions of the
 application No. 81-642. The facility is located in Sec. 33, T.48N., R.71W.

in the County of Campbell,

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

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

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

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

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

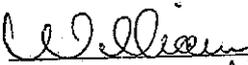
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

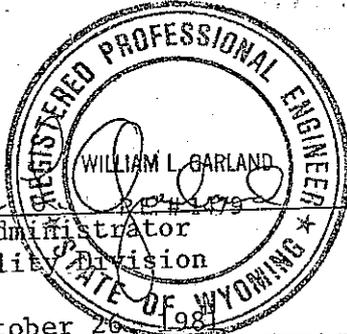
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

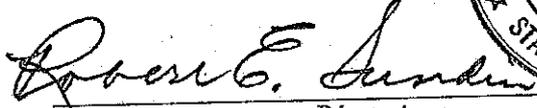
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

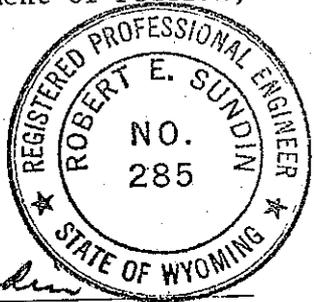
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator
Water Quality Division
October 26, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

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.

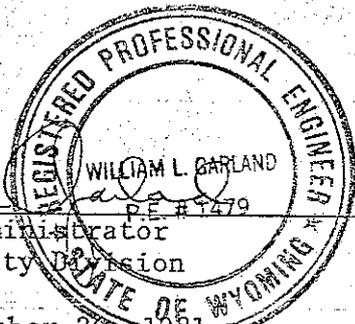
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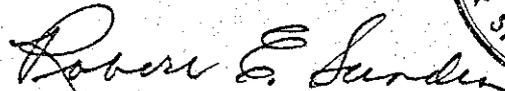
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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. BARLAND
P.E. # 1479
Administrator
Water Quality Division

October 26, 1981
Date of Issuance



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

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

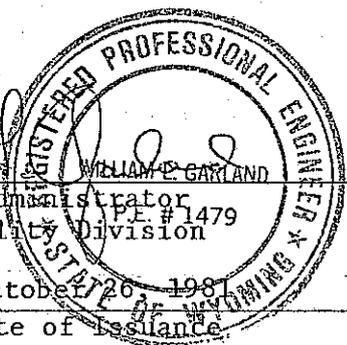
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The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted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

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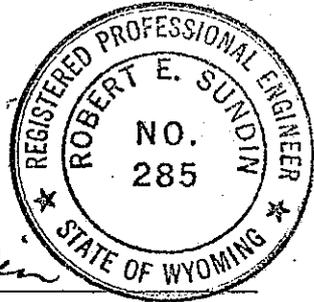
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


William E. Garland

WILLIAM E. GARLAND
Administrator
Water Quality Division
P.E. #1479
October 26, 1981

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.

11-5-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-645

BELLE AYR MINE, SEDIMENT BA 30 RESERVOIR
(Name of Facility)

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

AMAX Coal Company, c/o Mike Brown
P.O. Box 3005
Gillette, Wyoming 82716

to construct, install, or modify a runoff control pond

runoff control pond facility according to the procedures and conditions of the application No. 81-645. The facility is located in Sec. 31, T.48N., R.71W.

runoff control pond in the County of Campbell,

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

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

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

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

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

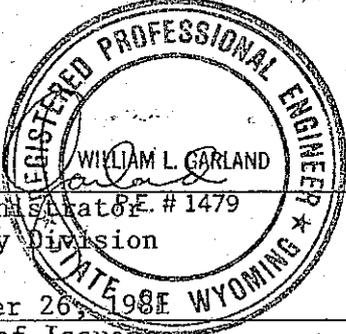
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

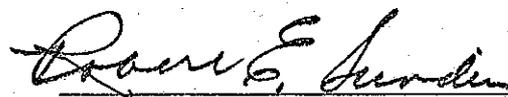
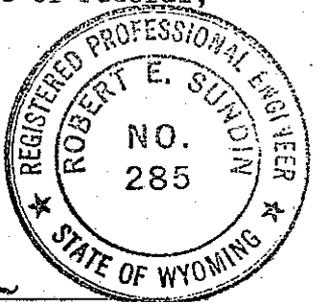
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:



WILLIAM L. GARLAND
Administrative # 1479
Water Quality Division
October 26, 1981
Date of Issuance



ROBERT E. SUNDIN
NO. 285
STATE OF WYOMING
Director
Dept. of Environmental Quality

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

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-646

BELLE AYR MINE, BANPDES 012 RESERVOIR
 (Name of Facility)

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

AMAX Coal Company, c/o Mike Brown
P.O. Box 3005
Gillette, Wyoming 82716

to construct, install, or modify a NPDES reservoir

facility according to the procedures and conditions of the
 application No. 81-646. The facility is located in Sec. 32, T.48N., R.71W.

in the County of Campbell,

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

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

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

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

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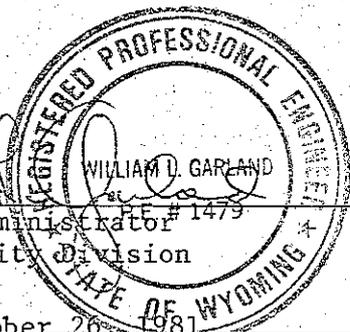
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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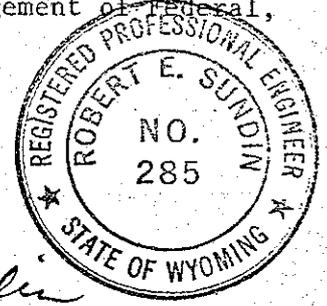
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AUTHORIZED BY:


William D. Garland

Administrator #1479
Water Quality Division
STATE OF WYOMING
October 26, 1981
Date of Issuance


Robert E. Sundin

Director
Dept. of Environmental Quality

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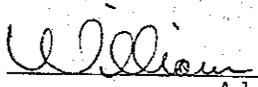
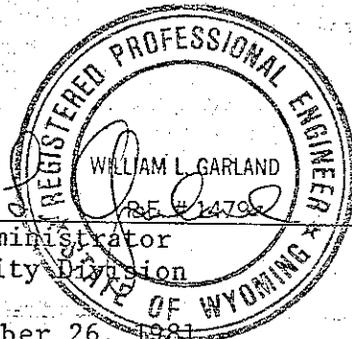
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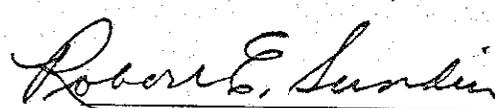
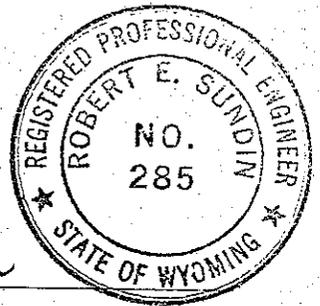
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AUTHORIZED BY:



WILLIAM L. GARLAND
P.E. # 1479
Administrator
Water Quality Division
STATE OF WYOMING
October 26, 1981
Date of Issuance



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

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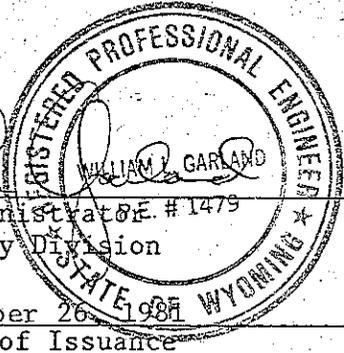
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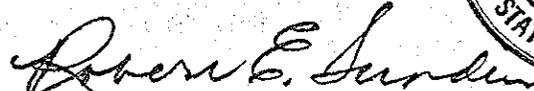
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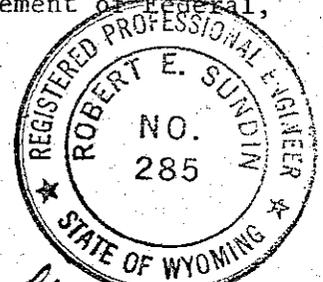


Administrative # 1479
Water Quality Division
October 26, 1981
Date of Issuance





Director
Dept. of Environmental Quality



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THE STATE OF WYOMING



ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 10, 1983

Mr. Gilbert Larson
Rocky Mountain Engineering & Surveying
P. O. Box 80551
Evanston, WY 82930

RE: Sims Reserve Pit Permiability
Tests, 81-649R

Dear Mr. Larson:

In-situ tests need to be performed which confirm the permit requirement of 4×10^{-7} cm/sec. If this rate cannot be confirmed, the pond bottom will need to be re-compacted.

Should you have questions, please contact me.

Respectfully,

Albert J. Berreth
Albert J. Berreth
Area III Supervisor

AJB:dcn

cc: Cheyenne DEQ/WQD--Jake Strohman, Bill Even
File (3)

*Norma
file*

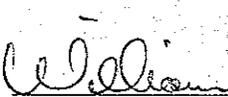
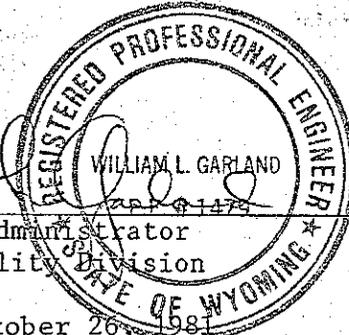
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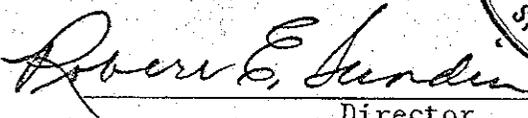
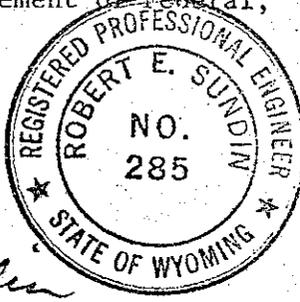
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AUTHORIZED BY:



WILLIAM L. GARLAND
1479
Administrator
Water Quality Division
STATE OF WYOMING



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

October 26, 1981
Date of Issuance

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