

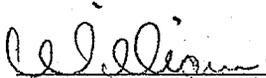
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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.

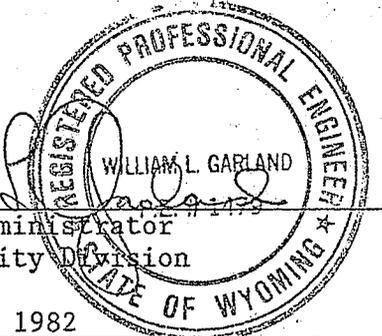
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

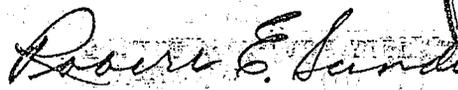
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

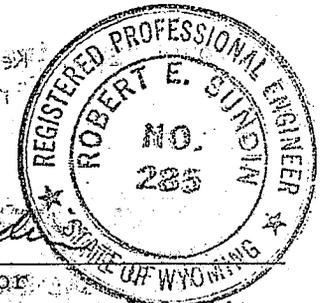


Adminisrator
Water Quality Division
March 4, 1982
Date of Issuance





Director
Dept. of Environmental Quality



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

AJB:ch

✓ Cheyenne

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: KSB-7

ENGINEER: Western Water Consultants
PO Box 4128
Laramie, WY 82071

OWNER: Kemmerer Coal Co.
Frontier, WY 83121

WATER QUALITY DIVISION REFERENCE NUMBER: 81-801

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: December 9, 1981

ACTION: Not authorized.

COMMENTS: Before a permit can be issued the following items must be addressed:

1. Please show some documentation for the slope length factor used.
2. This is a very long ditch. Please address the possibility of wave action and uneven sediment accumulation. If either of these could be a problem, what corrective action will be taken.
3. If almost the entire area is disturbed, it seems that a "fair hydrologic condition" and CN of 79 is generous. Please address this.
4. Four complete copies of the application package will be needed prior to final acceptance.
5. Complete construction specifications are needed.
6. The runoff figure seems to be low. Please explain the calculating method and runoff hydrograph.
7. The second note on the drawing needs to be revised to reflect the June 1981 policy memo.
8. Please address dewatering and sediment removal procedures.

AC

Review of Plans & Specifications

KSB-7

December 9, 1981

Page 2

9. The ponds need at least two feet of freeboard. A larger pond would require three feet.
10. The discharge permit section will need to be notified of the existence of additional ponds.

AJB:ch

12/10/81

cc: Cheyenne DEQ/WQD
Lander DEQ/LQD
File (5)

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: HRUSKA SEPTIC SYSTEM

ENGINEER: Bob Flanagan
Standard Plumbing, Inc.
368 Turret Drive
Rock Springs, WY 82901

OWNER: Pat Hruska
193 Noble
Rock Springs, WY 82901

WATER QUALITY DIVISION REFERENCE NUMBER: 81-802

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: November 3, 1981

ACTION: Not authorized.

COMMENTS:

- 1) A signature or stamp of a professional engineer registered in Wyoming is required on the plans and application sheet.
- 2) Three copies of the application package are required.
- 3) Because the proposed facility is in the Rock Springs 201 Facilities Planning Area, a letter from appropriate county officials is required stating when the facility is expected to be supplied with centralized sewer service. A condition of any DEQ permit issued will be that the facility hook up central sewer service when it becomes available.

RR:nb

A.C.

THE STATE



OF WYOMING

Cheyenne

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

November 5, 1981

Mr. Bob Flanagan
Standard Plumbing, Inc.
368 Turret Drive
Rock Springs, WY 82901

RE: DEQ Reference #81-803

Dear Mr. Flanagan:

As per our conversation on November 4, 1981, I am withdrawing your application for the above referenced project and returning the plans to you.

Sincerely,

A handwritten signature in cursive script that reads "Rich Ruyle".

Rich Ruyle
Water Quality Construction
Projects Control Officer

RR:nb
Enclosures
Copy: Reverend Kenneth King
Cheyenne DEQ/WQD
File (2)

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-804RR
SEE SPECIAL CONDITIONS

Pines Trailer Court
(Name of Facility)

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

Robert W. Curry
504 S. 25th Street
Laramie, WY 82070

to construct, install, or modify a sursurface sewage treatment and disposal system facility according to the procedures and conditions of the application No. 81-804RR. The facility is located in Section 26, T14N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of three months (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.

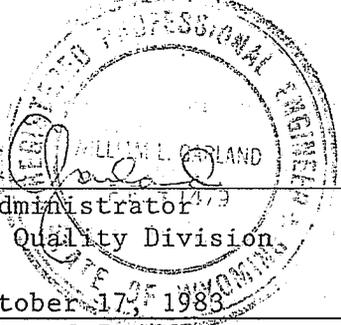
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

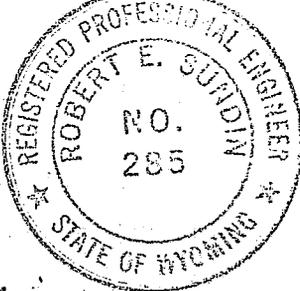
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:


William J. Clark

Administrator
Water Quality Division
October 17, 1983
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.

Conditions to Permit to Construct

1. 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 City of Cheyenne and South Cheyenne Water and Sewer District 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 Facility Plan.
2. The permittee shall notify representatives of the Laramie County Environmental Health of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling. The authorized representative in your area can be contacted at the following address:

Don Pack, Laramie Co. Environmental Health, 1700 Snyder Ave., Cheyenne, WY 82001
Telephone: 638-8545

cc: D. M. Hopkins, D. M. Hopkins & Associates, 216 East 17th St., Cheyenne, WY 82001

Review of Plans and Specifications

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

PROJECT: The Pines Trailer Court, Laramie Co.

ARCHITECT OR ENGINEER: Donald Hopkins, P.E., D.M. Hopkins & Assoc.
216 E. 17th St., Cheyenne, WY 82001

APPLICANT: William Curry
216 E. 17th St., Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-804

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

DATE OF REVIEW: November 2, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Why is this existing mobile home park proposing to install a new leach field? Has the old system failed? Where is the old system located? What caused it to fail? Please explain.
2. Are there any wells nearby? Please show them.
3. Show the elevations of the piping.
4. How many mobile homes are served by this facility?
5. What is the depth of the seasonally high water table?
6. Research has shown that large leach fields function much more efficiently when they are intermittently dosed. Therefore, a dosing system should be installed. Enclosed is a guideline that should be followed.
7. The loading rate for a large subsurface leach field bed should not exceed 0.25 gallons per square foot per day because of a slime layer which develops on the bottom of the leach system when placed over fine textured soils. Research has shown this slime layer to have a permeability of about 0.03 feet per day. This corresponds to the above loading rate. However, dosing the system should improve this condition but a loading rate greater than 0.5 gallons per square foot should not be used.
8. The stone used in the bed must be washed and graded from 1/2 - 2-1/2 inches in diameter.
9. The leach field should have at least 12 inches of cover.
10. It appears this leach field will be placed over the existing driveway. If so, the compacted material must be removed.

The Pines Trailer Ct.
DEQ/WQD Ref. No. 81-804
Page 2

11. The mobile homes shown over the leach field must be removed.
12. The potable water lines must be removed from the leach field a distance of at least 25 feet. The pipes must be properly capped. Looping of them must be maintained.

TC/nc



THE STATE OF WYOMING

11-23-81

81-805R

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 19, 1981

Honorable Richard Lorenz, Jr., Mayor
Town of Encampment
P.O. Box 5
Encampment, WY 82325

Dear Mayor Lorenz:

On November 13, 1981, we received revised "as-built" plans for the septic tank/leach field system which serves one mobile home and the town's municipal water treatment plant. The plans were prepared by Elmo G. Peterson, P.E., Wind River Engineers and are hereby approved.

Since the system has already been installed, a construction permit cannot be issued. Therefore, this letter should be considered final approval.

Very truly yours,

Theodore D. Coyer, P.E.
Environmental Engineer

TDC/nc

cc: Elmo G. Peterson
Wind River Engineers
P.O. Box 652
Encampment, WY 82325

11-5-81

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
401 West 19th Street
Cheyenne, Wyoming 82002

PROJECT: Encampment Water Treatment Plant

ARCHITECT OR ENGINEER: Wind River Engineers
P. O. Box 652
Encampment, WY 82325

WATER QUALITY DIVISION REFERENCE NUMBER: 81-805

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

Theodore D. Coyer

DATE OF REVIEW: October 30, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. A clean out is required at the sewer line bend next to the filter building.
2. The plans must be sealed.



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 29, 1986

Mr. Marion B. Johnson
Director of Engineering
Teton International
P.O. Box 2349
Mills, WY 82644

RE: Permit to Construct Application Number 81-806R

Dear Mr. Johnson:

The Department of Environmental Quality, Water Quality Division, has reviewed your application (81-806R) for a permit to construct a subsurface wastewater treatment and disposal facility for your manufacturing plant at Section 19, T34N, R80W, Natrona County. The Water Quality Division has determined that the system meets the minimum design standards.

Nothing in this letter constitutes an endorsement of the construction or the design of the facility described herein. This letter 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 letter. 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 letter, the state does not in any way waive its sovereign immunity.

Since your system has already been constructed, a permit to construct cannot be issued. This letter is your record that the subsurface wastewater treatment and disposal facility installed meets minimum state specifications and has been approved by the Wyoming Department of Environmental Quality, Water Quality Division.

In the future if you are to build a wastewater system, you must apply for a permit to construct prior to construction to avoid enforcement action.

Sincerely,

William L. Garland
Administrator

11-26



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 25, 1985

Mr. Marion B. Johnson
Director of Engineering
Teton International
P.O. Box 2349
Mills, WY 82644

RE: DEQ/WQD Ref. No. 81-806R

Dear Mr. Johnson:

The response to the status request sent on November 13, 1985 adequately addresses the comments of the original review (November 4, 1981, LeRoy C. Feusner). In order to complete this file and approve the as-built construction, three copies of as-built construction plans and an area layout are required.

If you have any questions, please contact this office.

Sincerely,

Christian G. Norman
Engineering Evaluator

CGN/nc

cc: LeRoy C. Feusner, DEQ/WQD

1145-85



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 13, 1985

Teton Mobil H0mes
P.O. Box 2340
Mills, WY 82644

Gentlemen:

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:	Teton Mobil Home Plant
DEQ/WQD Reference Number:	81-806
Engineering Consultant:	R. G. Zinn, Civil Engineering Consultants
DEQ/WQD Reviewing Engineer:	LeRoy C. Feusner
Date of DEQ/WQD Review:	November 4, 1981

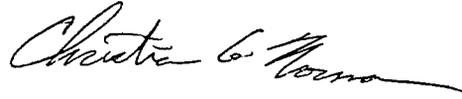
According to Chapter III of the Water Quality Rules and Regulations, Section 7 b. (2), "If an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide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

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

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within 30 days. (Please submit a new set of plans and specifications.)
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- Other remarks _____

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

Sincerely,



Christian G. Norman
Engineering Evaluator
Water Quality Division

CGN/nc

2-15-84

THE STATE OF WYOMING



ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 13, 1984

Teton Mobil Homes
P.O. Box 2340
Mills, WY 82644

Gentlemen:

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:	Teton Mobil Home Plant, Lots 1 & 2
DEQ/WQD Reference Number:	<u>81-806</u>
Engineering Consultant:	Civil Engineering Consultants
DEQ/WQD Reviewing Engineer:	LeRoy C. Feusner
Date of DEQ/WQD Review:	November 4, 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 30 days.

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

Other remarks _____

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

Sincerely,



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

cc: Civil Engineering Consultants
254 N. Center Street
Casper, WY 82601

Review of Plans and Specifications

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

PROJECT: Teton Mobile Home Plant, Lots 1 & 2
Block 6, Landmark Industrial Park, Natrona Co.

ARCHITECT OR ENGINEER: R.G. Zinn, Civil Engineering Consultants
254 No. Center St., Suite 2, Casper, WY 82601

APPLICANT: Teton Mobil Homes
Box 2340, Mills, WY 82644

WATER QUALITY DIVISION REFERENCE NUMBER: 81-806

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

DATE OF REVIEW: November 4, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. What is the source and quality of the wastewater? What quantity of wastewater is to be treated by each septic tank/leach bed system?
2. Where the design flow exceeds 2000 gallons per day, a dosing tank shall be installed ahead of the soil absorption system. The liquid capacity of the dosing tank must be sufficient to dose the soil absorption system no more than four times daily at the design flow. For systems larger than 2000 gallons per day, it is recommended that the field or bed be split and the separate portions dosed with alternating pumps or siphons.
3. A hydrogeological investigation will be required for this proposed facility. Guidelines for a hydrogeological evaluation have been enclosed. A hydrogeological evaluation is required for all septic tank/leach field or bed systems which exceed 2000 gallons per day, or those systems which involve disposal of hazardous substances, petroleum products/wastes, or toxic wastes.
4. Since a public water supply system is not provided, show location of water well and water lines. What is the depth to, and quality of, the groundwater? Also show location of any water wells/lines on adjacent lots.
5. What are the percolation rates at the locations where the proposed disposal beds will be located? There appears to be a wide variance of rates between 7-1/2 - 40 minutes per inch on lots 1 and 2. Loam and clay loam soils with permeabilities over 30 minutes/inch are not acceptable for systems with a maximum daily flow greater than 2000 gallons per day.

LCF/nc

6-19-84



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

June 19, 1984

Teton Homes
P.O. Box 2340
Mills, WY 82644

Gentlemen:

On February 13, 1984, a status letter was sent to you concerning a permit to construct, reference number 81-807, facility name Teton Homes, Lot 7, Block 6, Landmark Industrial Park. The application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct process.

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

Sincerely,

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

LCF/nc



THE STATE OF WYOMING

LeRoy

ED HERSCHLER
GOVERNOR

*Department of Environmental Quality
Water Quality Division*

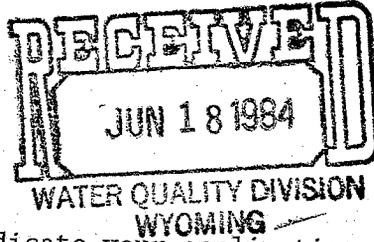
1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 13, 1984

Teton Homes
P.O. Box 2340
Mills, WY 82644



Gentlemen:

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:	Teton Homes, Lot 7, Block 6, Landmark Industrial Park
DEQ/WQD Reference Number:	81-807
Engineering Consultant:	Civil Engineering Consultants
DEQ/WQD Reviewing Engineer:	LeRoy C. Feusner
Date of DEQ/WQD Review:	November 4, 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 30 days.

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

Other remarks _____

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

Sincerely,



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

cc: Civil Engineering Consultants
254 N. Center Street
Casper, WY 82601

2-15-84



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 13, 1984

Teton Homes
P.O. Box 2340
Mills, WY 82644

Gentlemen:

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:	Teton Homes, Lot 7, Block 6, Landmark Industrial Park
DEQ/WQD Reference Number:	<u>81-807</u>
Engineering Consultant:	Civil Engineering Consultants
DEQ/WQD Reviewing Engineer:	LeRoy C. Feusner
Date of DEQ/WQD Review:	November 4, 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 30 days.

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

Other remarks _____

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

Sincerely,



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

cc: Civil Engineering Consultants
254 N. Center Street
Casper, WY 82601

11-5-81

Review of Plans and Specifications

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

PROJECT: Teton Homes, Lot 7, Block 6, Landmark Ind. Park, Natrona Co.

ARCHITECT OR ENGINEER: R.G. Zinn, Civil Engineering Consultants
254 No. Center St., Suite 2, Casper, WY 82601

APPLICANT: Teton Homes
Box 2340, Mills, WY 82644

WATER QUALITY DIVISION REFERENCE NUMBER: 81-807

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

DATE OF REVIEW: November 4, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. What is the source and quality of the wastewater?
2. Since a public water supply system is not provided, show location of water well and water lines. What is the depth to groundwater? Also show location of any water wells/lines on adjacent lots.
3. What is the size of the septic tank?

LCF/nc

C&B

Review of Plans and Specifications

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

PROJECT: Roadside, Inc.

ARCHITECT OR ENGINEER: Vealiss F. Hudspeth, HNB, Inc.
523 W. 27th St., Cheyenne, WY 82001

APPLICANT: Roadside, Inc.
2521 Central Avenue

WATER QUALITY DIVISION REFERENCE NUMBER: 81-808

REVIEWING ENGINEER: Thomas S. Norman

Thomas S. Norman

DATE OF REVIEW: October 31, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Two more additional copies of the signed plan sheet are needed.
2. The drainfield does not have sufficient capacity to handle the additional sewage load. This is based on current technology which have been incorporated into WQD's draft regulations.
3. The regulations require that manholes be installed at all changes of direction on sewer collection lines. The attached memo defines a sewer collection line as a conduit that carries wastewater and where two or more service connection pipes intersect from separate buildings. Therefore, the sewer after the point where the mobile home connects will require manholes at changes in direction.
4. No specifications were provided for the materials to be used and the construction/installation methods.
5. No details or specifications were included on the crossings for sewer and water lines. All water lines must be shown including lines to fire hydrants.

Enclosures

11-17-81

PERMIT TO CONSTRUCT

New

Permit No. 81-809

Renewal

Modified

Rocky Mountain Industrial Park - Tract 24
(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 an 8-inch sanitary sewer facility according to the procedures and conditions of the application No. 81-809. The facility is located in Section 2, T13N, R66W, Rocky Mountain Industrial Park, Tract 24 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.

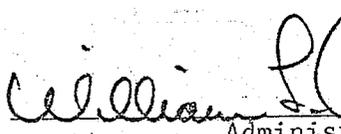
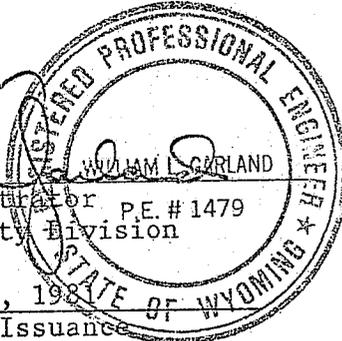
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

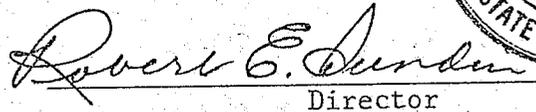
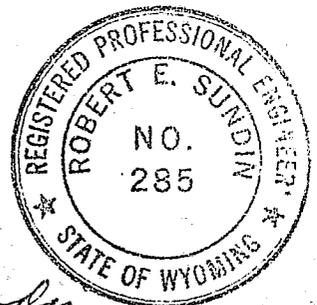
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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


WILLIAM L. GARLAND
Administrator P.E. # 1479
Water Quality Division
November 4, 1988
Date of Issuance



Director
Dept. of Environmental Quality


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

cc: Jon L. Anderson
AVI Engineering
7300 Yellowstone Rd.
Cheyenne, WY 82001

3-22-82



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 18, 1982

Larry N. Lamb
Lamb Construction Company
P.O. Box N
Torrington, WY 82240

RE: Nick Pit #1, Goshen County (DEQ/WQD Ref. No. 81-810RR)

Dear Mr. Lamb:

The plans for the sedimentation ponds at your Nick Pit #1 operations, which were prepared by Kennedy Engineering, are hereby accepted as being in substantial compliance with the Department of Environmental Quality's requirements, subject to the following conditions:

The slopes of the pond dikes shall not be steeper than one foot vertical to three feet horizontal.

If you have any questions about this, please do not hesitate to contact us about them.

Very truly yours,

Theodore D. Coyer, P.E.
Water Quality Engineer

TDC/nc

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

Rich DiMambro, DEQ/LQD, Cheyenne

11-5-81

Review of Plans and Specifications

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

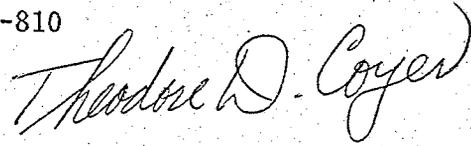
PROJECT: Nick Pit #1 - Lamb Construction Co., Goshen Co.

ARCHITECT OR ENGINEER: C. B. Baringer
P.O. Box N, Torrington, WY 82240

APPLICANT: Lamb Construction Co.
P.O. Box N, Torrington, WY 82240

WATER QUALITY DIVISION REFERENCE NUMBER: 81-810

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



DATE OF REVIEW: November 4, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Since a discharge cannot be allowed from the gravel wash water settling ponds (reference letter to Larry Lamb from John Wagner dated November 2, 1981), will the water be recirculated or allowed to seep away?
2. What is the percolation or infiltration rate of the soils?
3. Does the first pond remove sufficient solids to prevent plugging of the seepage pond? What is the suspended solids concentration out of pond 1.
4. How do you control runoff from the disturbed area around the plant? Does it discharge into the sediment ponds? How large of an area is drained? Show Contours.
5. What is the volume of runoff expected from a 10 year, 24 hour, precipitation event as predicted from an analysis such as by using the Soil Conservation Service's direct runoff method?
6. Are any diversion ditches used to prevent runoff from undisturbed areas reaching the disturbed area? Which direction does the water flow from the undisturbed area?

TC/nc

2-10-82

Review of Plans and Specifications

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

PROJECT: Nick Pit #1, Lamb Construction Co., Goshen Co.

ARCHITECT OR ENGINEER: J. Kenneth Kennedy, Kennedy Engineering
P.O. Box 1089, Wheatland, WY 82201

APPLICANT: Lamb Construction Co.
P.O. Box N, Torrington, WY 82240

WATER QUALITY DIVISION REFERENCE NUMBER: 81-810R

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

DATE OF REVIEW: February 8, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Please show a typical detail of the dikes around the settling ponds. The detail should indicate the dike slopes and construction material.

TDC/nc

11-17-81

PERMIT TO CONSTRUCT

Permit No. 81-811
See Special Condition

- New
- Renewal
- Modified

Nine Lives
(Name of Facility)

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

Coleman Custom Service

P. O. Box 265

Mills, WY 82633

to construct, install, or modify a commercial subsurface wastewater disposal facility according to the procedures and conditions of the application No. 81-811. The facility is located in 2080 N. Skyview Dr., Skyview Industrial Park, Lot 20, Section 32, 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.

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 30, Sheridan, Wyoming 82801; telephone, 672-6457.

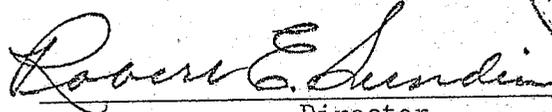
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

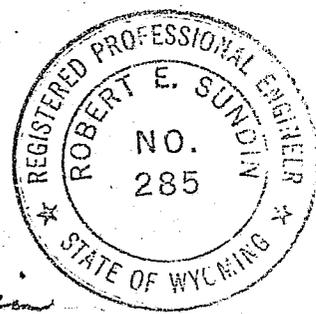
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


Administrator
Water Quality Division 1479
November 2, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

cc: Detmer R. Knapp
1380 Bretton Drive
Casper, WY 82601

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.



THE STATE OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

Herschler Building ● 122 West 25th Street ● Cheyenne, Wyoming 82002

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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December 27, 1995

CERTIFIED

Town of LaGrange
Attn. Wastewater System Operator
P.O. Box 185
LaGrange, Wyoming 82221

RE: NON-COMPLIANCE with Annual Sampling and Reporting Requirements for Permit to Construct # 81-881 for the LaGrange Wastewater Treatment Facility

Dear Wastewater System Operator:

The permit referenced above requires that the Town of Lagrange perform groundwater sampling of monitoring wells around the LaGrange sewage lagoons and report the results to the Wyoming DEQ Water Quality Division(WQD). After the first several years of testing the WQD revised the requirements to only yearly sampling of five(5) parameters. However, according to our records, no sampling reports have been submitted since September of 1988. Therefore, the WQD is requesting the following:

1. That within 45 days of receipt of this letter the Town of LaGrange submit copies of any sampling results that were conducted between August of 1988 and the present.
2. That within 45 days of receipt of this letter the Town of LaGrange submit a written history and current status report of the operation (especially including problems) of the lagoons since August 1988.
3. That within 45 days of receipt of this letter the Town of Lagrange submit a written plan and schedule of how the town will come back into compliance with these sampling and reporting requirements, and plans to stay in compliance in the future.

December 27, 1995

Page 2

As a summary to assist you, a review of our files indicates that the town should be sampling once each year in either June or July at two(2) monitoring wells for the following parameters:

- Total Dissolved Solids (TDS)
- Chloride
- Nitrate as "N"
- Ammonia as "N"
- pH

The WQD is sending this "Letter of Non-Compliance" as a reminder that these conditions are permit requirements and must be complied with. The WQD hopes this letter will be helpful to you in meeting your monitoring requirements so that you can get back into compliance and then stay in compliance with your permit. However, if you have any additional questions, please call me at (307) 777-6183.

Sincerely,



Ronald L. Ewald
Engineering Evaluator
SE District, Water Quality Division

RLE:ks
55879.ltr

cc: ~~Permit~~ # 81-881, Groundwater Monitoring File

2-10-82



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 8, 1982

Major Henry M. Juiste
90 CSB/DEE
FE Warren AFB, WY 82001

Dear Major Juiste:

The DEQ/WQD approved your applications of 81-812R, 81-813R, and 81-814R for the existing lagoon systems on January 6, 1982 for LCF P-1, LCF Q-1, and LCF T-1, respectively. The approval letter inadvertently sited LCF T-1 in Laramie County instead of in Platte County. Please correct this in your files.

Sincerely,

Thomas S. Norman
Water Quality Engineer

TSN/nc

cc: J.C. Holland, 90 CSG/DEE, FE Warren AFB, WY 82001
Lt. Placzek, 90 CSG/DEEV, FE Warren AFB, WY 82001



THE STATE OF WYOMING

M
1-6-82

ED HERSCHLER
GOVERNOR

*Department of Environmental Quality
Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 6, 1982

Major Henry M. Juiste
90 CSB/DEE
FE Warren AFB, WY 82001

Dear Major Juiste:

The DEQ/WQD has received your applications (No. 81-812R, 81-813R, 81-814R) for a Permit to Construct septic tanks to the existing lagoon systems. The facilities are identified as follows:

<u>Application No.</u>	<u>Facility Name</u>	<u>Location</u>
81-812R	LCF P-1	Sec. 6, T17N, R63W, Laramie Co.
81-813R	LCF Q-1	Sec. 9, T18N, R67W, Laramie Co.
81-814R	LCF T-1	Sec. 5, T23N, R66W, Laramie Co.

The WQD has reviewed the wastewater system and found it to meet the minimum standards for the State of Wyoming. Since a Permit to Construct cannot be issued for facilities that are already constructed, this letter will serve as approval of your systems. It is recommended that vegetation be controlled in the lagoons to provide better treatment. A minimum of two-foot water will will reduce vegetation growth.

Sincerely,

Thomas S. Norman
Water Quality Engineer

TSN/nc

cc: J.C. Holland, 90 CSG/DEE, FE Warren AFB, WY 82001
Lt. Placzek, 90 CSG/DEEV, FE Warren AFB, WY 82001

11-17-81

Review of Plans and Specifications

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

PROJECT: Warren AFB, Septic Tanks LCF P-1, Q-1, T-1, Laramie Co. *Platte*

ARCHITECT OR ENGINEER: Jordon C. Holland, F.E. Warren AFB
90CSG/DEE, F.E. Warren AFB, WY 82001

APPLICANT: Major Henry M. Juister
90CSG/DEE, F.E. Warren AFB, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-812 through 81-814

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

DATE OF REVIEW: November 16, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The following information is necessary:
 - a. Number of occupants, total wastewater design flow, type of wastewater sources (bathrooms, showers, kitchens, laundry, etc.), and hours of occupancy.
 - b. Groundwater information - depth and quality.
 - c. When were the lagoons constructed?
 - d. What was the engineering reasoning for installing the septic tanks as a solution to correcting a leaky lagoon problem. The systems are not very compatible.
2. The problems that are associated with the continual dumping of untreated wastewater in an empty lagoon are odors, insect habitat, weed growth, and especially potential health hazards. Health problems arise from the transmittal of diseases by insects and possible groundwater contamination. What is the feasibility of fixing the lagoon so that it can be operated in a proper manner?

TSN/nc

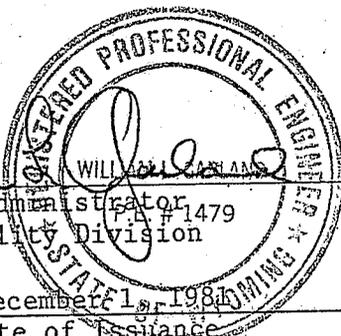
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

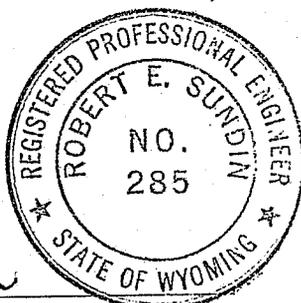
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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 J. Williams
Administrator
Water Quality Division
December 1, 1984
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.

THE STATE OF WYOMING



~~Riverton~~
Riverton - 3

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

May 5, 1982

TELEPHONE 307 777-7781

STEP 2 APPROVAL OF PLANS AND SPECIFICATIONS

The Honorable William Moffat
Mayor, Town of Riverton
PO Box 1700
Riverton, Wyoming 82501

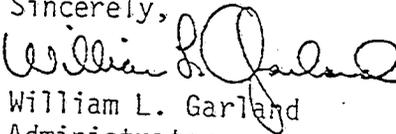
Re: Town of Riverton, Wyoming
C560136-02
Approval of Plans and Specifications
WQD# 81-816RR

Dear Mayor Moffat:

The plans and specifications for the construction of sewer interceptors for the referenced project have been reviewed by the State of Wyoming Department of Environmental Quality. This office hereby approves the plans and specifications. A permit to construct is not being issued at this time per your request. This approval of plans and specifications is not a commitment of federal funds for your Step 3 construction project, but does allow the grantee to request final payment for Step 2 work.

The procedure for submission and approval of modifications to the approved plans and specifications is the same as for the original set, i.e., five copies of any proposed modifications, together with an explanation of the reasons therefore should be forwarded to us. Unauthorized modifications of approved sets of plans and specifications may result in suspension of federal participation in the project.

We are sending the approved plans and specifications for the referenced project which must be kept available at all times so that personnel from this office may have access to them during inspection activities.

Sincerely,

William L. Garland
Administrator

WLG/kb

Enclosures

cc: ARIX, Riverton (with enclosures)
Corps of Engineers, Omaha (with enclosures)
Corps of Engineers, Denver
SP-1 (2) & Checklist only



Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

December 29, 1981

W.A. Peterson
City Administrator
City of Riverton
PO Box 1700
Riverton, Wyoming 82501

Re: Review of Interceptor Plans and
Specifications
Water Quality Division #81-816

Dear Bill:

Below are the combined comments of the Water Quality Division concerning the Plans and Specifications for the Riverton sewer interceptors and airport disposal system.

Sewer Interceptors

- 1) Recommend some type of leakage test (smoke, air, etc.) be devised for manholes installed below groundwater level.
- 2) Should some type of means be provided for locating buried manhole covers?
- 3) The corrosive potential of the soils should be included as part of the submittal in order to evaluate the effectiveness of using ductile iron pipe and steel casings.
- 4) A completed "Application Form for a Permit to Construct" should also be included as part of the submittal.
- 5) More detailed hydraulic design information for the existing plant influent line needs to be given in order to support its continued use. For example, what is the slope and projected 20-year flows of the existing 21-inch V.C.P. sewer discharging into the main junction box? What is the resulting flow depth in the plant influent line from all of these projected flows?
- 6) Why is Class IV concrete pipe not specified between stations 38+00 to 52+00 on the North Interceptor?
- 7) All utility line and culvert crossings should appear on the profiles. Depths, if known or easily determined, should be shown.
- 8) No specifications for boring pipe are shown on the plans. Desired materials, diameters, and wall thicknesses should be indicated on the plans.
- 9) The desired length of all sewer stubs should be shown on the plans. The location of all plugs should be shown on the plans.

- 10) Stations 18+00 to 23+00 of the north interceptor, with less than a foot cover, appear subject to freezing.
- 11) It appears that without a watertight lid, M.H. 35-N will be subject to inflow.
- 12) Three ditch crossings on sheet 7 of South Interceptor, one on sheet 8, and one on sheet 19, are not shown on the profile.
- 13) It is unclear where the existing manhole is located on sheet 22 of South Interceptor.
- 14) Should not the existing 21" V.C.P. be plugged on the east side of existing manhole at Station 41+00 of Plant Influent Line?
- 15) Bid Schedule I indicates 60" steel pipe with .250" wall thickness whereas sheet 4 of plans calls for .357" wall thickness.
- 16) Dewatering of trenches referred to on page 02200-4 will require a temporary NPDES permit. Contact John Wagner at 777-7781 before dewatering.
- 17) A word is missing from the bottom of page 02560-6.
- 18) The applicable U.S. Department of Labor wage determinations are enclosed for inclusion in specifications. Also enclosed is the Environmental Protection Agency change order form.

Airport Disposal System

- 19) Recommend connecting perforated pipes be extended across the ends of the laterals to form a "closed loop" system.
- 20) What is the proposed depth of the leach pipes? If that depth is greater than 3 feet, then re-aeration may not occur and the leachate will become septic.
- 21) Recommend an arrangement which will provide a means of alternating leach fields when desirable. We do not feel the 857± gallons per dosing cycle will completely utilize the 5100 square feet absorption area, thus contributing to a "creeping failure" regime with no means of rejuvenation short of hydrogen peroxide addition. Clogged or partially clogged absorption systems have been known to rejuvenate themselves if they can be rested for an extended period of time (1-3 months). Also, this arrangement will eliminate the need for two separate sewer lines after the first manhole downstream from the siphons.
- 22) What is the depth to the seasonally high groundwater table under the leachfield?
- 23) Are any waterwells located within 200 feet of the leachfield? Or within 50 feet of the septic or dosing tank?

Please call if you have any questions.

Sincerely,

Bill

W.S. Ewen
Engineering Evaluator

WSE/kb

cc: Dennis Whitehead - ARIX (Riverton)
Robin Collins

MEMORANDUM

TO: Bill Ewen - Municipal Grants Section
FROM: Robin Collins - District Engineer *R. Robin Collins*
DATE: December 8, 1981
SUBJECT: Review of Riverton's Sewer Interceptors and Airport Disposal System
#81-816

After reviewing the aforementioned project, we would like to offer the following comments for inclusion into the formal review:

Sewer Interceptors

1. Recommend some type of leakage test (smoke, air, etc.) be devised for manholes installed below groundwater level.
2. Should some type of means be provided for locating buried manhole covers?
3. The corrosive potential of the soils should be included as part of the submittal in order to evaluate the effectiveness of using ductile iron pipe and steel casings.
4. A completed "Application Form for a Permit to Construct" should also be included as part of the submittal.
5. More detailed hydraulic design information for the existing plant influent line needs to be given in order to support its continued use. For example, what is the slope and projected 20-year flows of the existing 21-inch V.C.P. sewer discharging into the main junction box? What is the resulting flow depth in the plant influent line from all of these projected flows?
6. Why is Class IV concrete pipe not specified between stations 38+00 to 52+00 on the North Interceptor?

Airport Disposal System

7. Recommend connecting perforated pipes be extended across the ends of the laterals to form a "closed loop" system.
8. What is the proposed depth of leach pipes?
9. Recommend an arrangement which will provide a means of alternating leach fields when desirable. We do not feel the 857± gallons per dosing cycle will completely utilize the 5100 square feet absorption area thus contributing to a "creeping failure" regime with no means of rejuvenation short of hydrogen peroxide addition. Clogged or partially clogged absorption systems have been

Memorandum
December 8, 1981
Page 2

known to rejuvenate themselves if they can be rested for an extended period of time (1-3 months). Also this arrangement will eliminate the need for two separate sewer lines after the first manhole downstream from the siphons.

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

MRC:ch

12-11-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-818R
Ref.No. 78-100R

Rolling Hills Subdivision No. 4, Water System Improvements
(Name of Facility)

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

J & J Development Company

P.O. Box 430

Glenrock, WY 82637

to construct, install, or modify a municipal water wells and distribution system facility according to the procedures and conditions of the application No. 81-818R. The facility is located in Sections 22, 27 & 28, T34N, R75W in the County of Converse, 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.

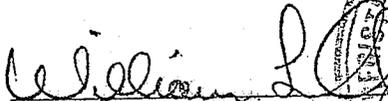
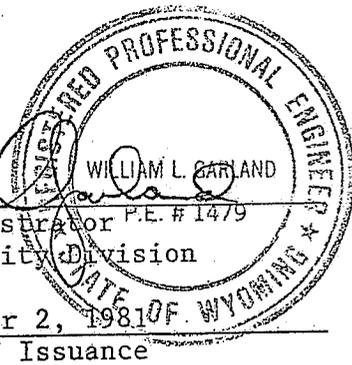
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

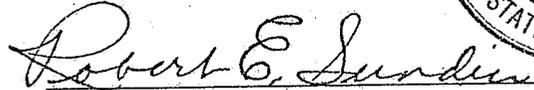
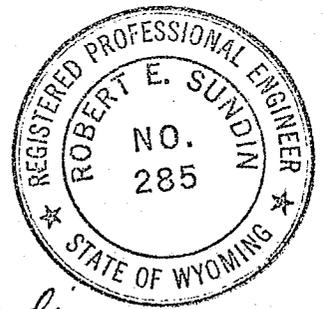
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

December 2, 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: Russell L. Donley
Western Engineers
501 N. Sun Drive
Casper, WY 82601

11-17-81

Review of Plans and Specifications

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

PROJECT: Water System Improvements (1981), Rolling Hills Subdivion No. 4
Converse Co.

ARCHITECT OR ENGINEER: Russell L. Donley, Western Engineers
501 No. Sun Drive, Casper, WY 82601

APPLICANT: J & J Development Co.
P.O. Box 430, Glenrock, WY 82637

WATER QUALITY DIVISION REFERENCE NUMBER: 81-818

REVIEWING ENGINEER: *Leroy C. Feusner*
Leroy C. Feusner, P.E.

DATE OF REVIEW: November 16, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Proposed wells 28-1 and 1A. Pitless well units shall terminate at least 18 inches above final ground elevation or five feet above highest known flood elevation (paragraph 3.2.7.4 b.6, Ten State Standards). How will proposed wells be protected from surface contamination? How will access be available for any future needed disinfection of the wells? How will casings be vented?
2. In order to maintain a bacteriological free water quality in the distribution system storage tank, I would like to see chlorination prior to the well water entering the tank. Post pump station chlorination is acceptable to maintain a free available chlorine residual in the distribution system, however, storage water quality could occur without proper chlorination in the tank.

LCF/nc

11-17-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-819

KTWO Addition
(Name of Facility)

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

Casper Board of Public Utilities

200 N. David St.

Casper, WY 82601

to construct, install, or modify an 8 inch potable water main and 8 inch sanitary sewer facility according to the procedures and conditions of the application No. 81-819. The facility is located in Sections 1 and 12, T53N, 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.

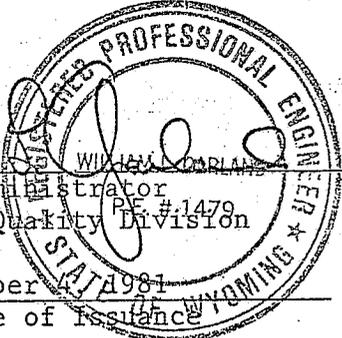
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

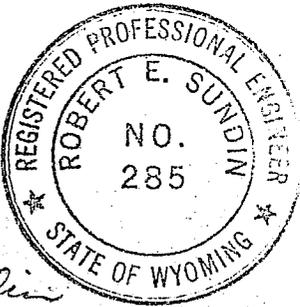
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 J. Carlan

William J. Carlan
Administrator
Water Quality Division
November 14, 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: Thomas P. McDill
The Engineers
6405 Indian Scout Dr.
Casper, WY 82601

2-4-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-820RR

Coffman Office Building
(Name of Facility)

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

Milton Coffman
604 S. Center Street
Casper, WY 82601

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

_____ facility according to the procedures and conditions of the
application No. 81-820RR. The facility is located in _____
1607 CY Avenue, Sec. 17, T33N, R79W

_____ in the County of Natrona,
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

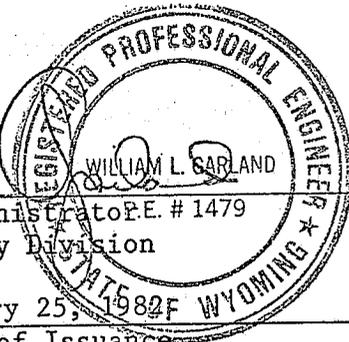
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

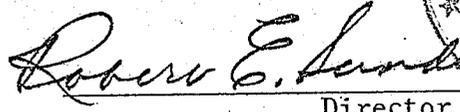
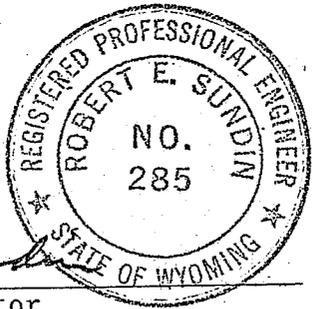
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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 P.E. # 1479
Water Quality Division
January 25, 1982
Date of Issuance



Director
Dept. of Environmental Quality

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

cc: James Christensen
Dunham Associates, Inc.
225 South David
Casper, WY 82601

12-30-81

Review of Plans and Specifications

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

PROJECT: Coffman Office Building, Natrona Co.

ARCHITECT OR ENGINEER: James Christensen, Dunham Assoc., Inc.
225 So. David, Casper, WY 82601

APPLICANT: C & L Investments
604 S. Center St., Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 81-820R

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

DATE OF REVIEW: December 30, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. C & L Investments is not listed with the State of Wyoming as a corporation. Therefore, DEQ needs an individual name who the permit can be issued to.
2. DEQ must have at least two sets of the plans and specifications before a permit can be issued.
3. Plans must be submitted showing the check valves and gate valves in the dry pit for the sewage.
4. Plans must be submitted showing the location of the water lines for the fire hydrant. Also, a cross-section of the trench and thrust block sizing and details must be submitted.
5. The sewer/water crossing specification (Sec. 15.04.c.4.) is not allowable. A minimum separation of 18 inches is required for vertical crossings.
6. Recommend setting the alarm float and the lag pump-on float at the same height. Otherwise the alarm will not go off until both pumps have failed.
7. A pressure reducing backflow prevention valve is not shown on the boiler piping diagram. The symbol is for a pressure reducing valve (see sheet M-5). Also, the specifications do not describe a pressure reducing backflow prevention valve.

TSN/nc

m 11/17/81

Review of Plans and Specifications

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

PROJECT: Coffman Office Building, Natrona Co.

ARCHITECT OR ENGINEER: Henry Therkildsen
1915 Oxford Lane, 101-A, Casper, WY 82601

APPLICANT:

WATER QUALITY DIVISION REFERENCE NUMBER: 81-820

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

DATE OF REVIEW: November 16, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. An application form was not submitted. Forms are enclosed. Three copies of all submittals are necessary. However, you need only submit those sections pertaining to the wastewater system.
2. The following design information is necessary:
 - a. Estimated flow ranges - average, maximum
 - b. Total dynamic head on the pumps
3. The following detail information is missing:
 - a. Specifications on the pumps showing capacity and head requirement. Pumps must pass a 3-inch sphere.
 - b. Elevation of level controls in wet well. Pumps should not be exposed during pumping to prevent heating.
 - c. Location of the high water alarm buzzer and panel.
 - d. A check valve and shut-off valve must be located on the discharge line of each pump and shall not be located in the wet well.
 - e. Location of the fire hydrant.
 - f. Cross-connection prevention device was not shown for hot water heating system.

TSN/nc

11-17-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-821

Energy Development Company - Sedimentation Ponds 8, 9, & 10
(Name of Facility)

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

Energy Development Company

P.O. Box 600

Hanna, WY 82327

to construct, install, or modify a sedimentation control ponds facility according to the procedures and conditions of the application No. 81-821. The facility is located in Section 27, T22N, R82W 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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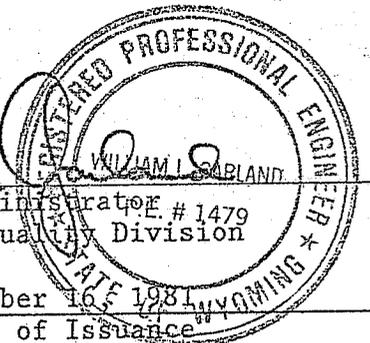
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

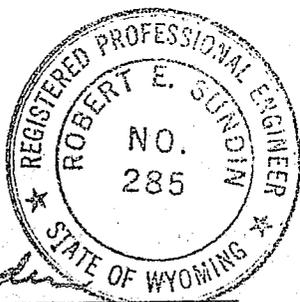
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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AUTHORIZED BY:


William J. Sabland
Administrator # 1479
Water Quality Division
November 16, 1981
Date of Issuance


Robert E. Sunder
Director
Dept. of Environmental Quality

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

cc: Arnold M. Hannum
Energy Development Co.
P.O. Box 600
Hanna, WY 82327

11-17-81

PERMIT TO CONSTRUCT

Permit No. 81-822

- New
- Renewal
- Modified

Energy Development Company - Sedimentation Pond 11
(Name of Facility)

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

Energy Development Company

P.O. Box 600

Hanna, WY 82327

to construct, install, or modify a sedimentation control pond facility according to the procedures and conditions of the application No. 81-822. The facility is located in Section 34, T22N, R82W 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.

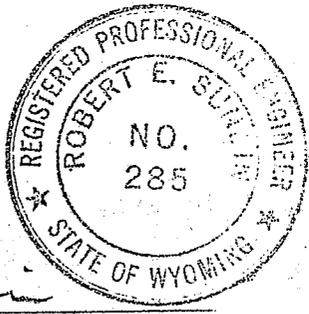
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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AUTHORIZED BY:


William L. Garland
WILLIAM L. GARLAND
LICENSE # 1479
Administrator
Water Quality Division
STATE OF WYOMING


Robert E. Sundin
Director
Dept. of Environmental Quality

November 16, 1981
Date of Issuance

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

cc: Arnold M. Hannum
Energy Development Co.
P.O. Box 600
Hanna, WY 82327

7-21-82



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

July 20, 1982

Energy Development Company
P.O. Box 600
Hanna, WY 82327

RE: "Application for Permit to Construct", Sedimentation Ponds 12-15,
Energy Development Company Coal Mines (DEQ Reference Numbers 81-823R
through 81-826R)

Dear Gentlemen:

Your applications for permits to construct sedimentation ponds 12, 13, 14 and 15 along with the "as built" plans for them have been reviewed and found to be in substantial compliance with the Water Quality Rules and Regulations.

Since the ponds have already been constructed, we cannot issue construction permits for them. However, we are hereby "accepting them for the record".

Very truly yours,

Theodore D. Coyer, P.E.
Engineering Evaluator

TDC/nc

11-17-81

Review of Plans and Specifications

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

PROJECT: Sedimentation Control Ponds 12, 13, 14 and 15, Carbon Co.

ARCHITECT OR ENGINEER: Arnold M. Hannum
P.O. Box 600, Hanna, WY 82327

APPLICANT: Energy Development Co.
P.O. Box 600, Hanna, WY 82327

WATER QUALITY DIVISION REFERENCE NUMBER: 81-823 through 81-826

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

Theodore D. Coyer

DATE OF REVIEW: November 16, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The plans for Ponds 12, 13, 14 and 15 were too incomplete for review. Please provide more detailed plans and your design basis for review.

TDC/nc

cc: Tim Chervick, Environmental Technician
Energy Development Company
P.O. Box 600
Hanna, WY 82327

Land Quality Division

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

May 11, 1982

Mr. J. C. Rondeau,
Environmental Eng. Supervisor
Stauffer Chemical Co. of WY
PO Box 513
Green River, WY 82935

RE: 81-827RR, Process Drainage
Control Tank & Ditches

Dear Mr. Rondeau:

The review of the above referenced project is now complete and the system is being authorized as-built. Stauffer Chemical should be aware, however, that should future problems develop because of the system, modifications will need to be made.

This letter is being issued in lieu of a permit and needs to be kept on file as your authorization for the project.

Enclosed is your authorized drawings with Sheet #5650 missing. This sheet is, however, part of your authorization.

Respectfully,

Albert J. Berreth
Albert J. Berreth
Area III Supervisor

AJB:ch

cc: Cheyenne DEQ/WQD
Marion Yoder
File (5)

*Department of Environmental Quality**Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

MEMORANDUM

TO: A. J. Mancini

FROM: Phil Pucel *PP*

DATE: February 2, 1982

SUBJECT: Stauffer Chemical Company, Stormwater Drainage Trench Layout, #81-827, T20N, R109W, Sweetwater Co.

Site run-off from stock piles and tailings piles is expected to contain elevated concentrations of salts and organics and should therefore be handled carefully. Insufficient information on run-off water quality and estimated seepage rates from the trench and reservoir does not allow an adequate assessment of the facility in regards to groundwater protection.

As a prerequisite to the permit, satisfactory information on the following items should be provided:

1. Chemical analyses of site stormwater run-off at the point of collection.
2. List of pollutants which would enter the trench and reservoir in the case of on-site spills.
3. Method of detecting seepage from the trench and reservoir system.
4. Show that soil settlement and thermal expansion will not damage the concrete and provide pathways for pollutant migration.

*Returned
to Rander
2-2-82*

✓

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: PROCESS DRAINAGE CONTROL TANK & DITCHES

ENGINEER: Ron Tucker
Alpine Engineering
520 Wilkes Dr.
Green River, WY 82935

OWNER: Stauffer Chemical Company of Wyoming
Attn: J.C. Rondeau
P.O. Box 513
Green River, WY 82935

WATER QUALITY DIVISION REFERENCE NUMBER: 81-827

REVIEWING ENGINEER: Al Berreth *ajf*

DATE OF REVIEW: December 14, 1981

ACTION: Not authorized.

COMMENTS: Before the plans can be accepted the following items need to be addressed. Please note that any deficiencies that may become apparent will need to be addressed.

1. The drawings need to be signed or stamped by a Wyoming registered engineer and reflect as-built conditions.
2. An engineering report or design summary needs to be provided which addresses the adequacy of the ditches and ponds.
3. Sediment must be addressed. That is, how much do you expect to accumulate, how will it be removed, and how will it be disposed.
4. Please explain the operation of the pond. That is, what will be the operating levels and how will the level be regulated? The 10 year - 24 hour storm must always be containable.
5. Please explain pipe/trench connection.
6. It appears that drawing 203 is missing.
7. Details of the drain pipe installed need to be supplied.

.../2

A.C

Review of Plans and Specifications of the Process Drainage Control Tank and Ditches
DEQ/WQD # 81-827

Reviewed by Al Berreth

Date of Review: December 14, 1981

Page 2

8. How will leaks in the pond be detected?
9. Three copies of the plans and specifications are needed.
10. A copy of the drawings is being sent to the groundwater section.
Any review comments from them will be forwarded to you as soon as possible.
11. Specifications are needed.

AB:d1

cc: Attorney Generals' Office - Marion Yoder
DEQ/WQD Cheyenne
DEQ/WQD Lander
Groundwater - Tony Mancini - Phil Pucel w/plans
File (4)

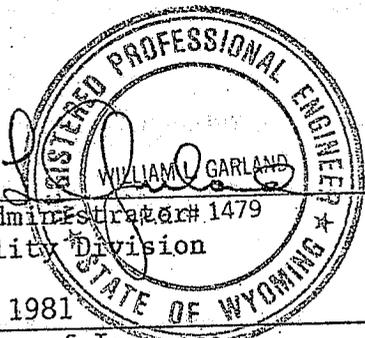
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

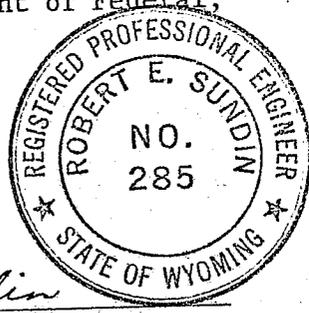
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 U. Garland
William U. Garland
Administrative # 1479
Water Quality Division
December 1, 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:d1

12/1/81

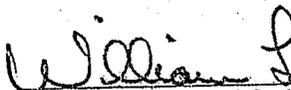
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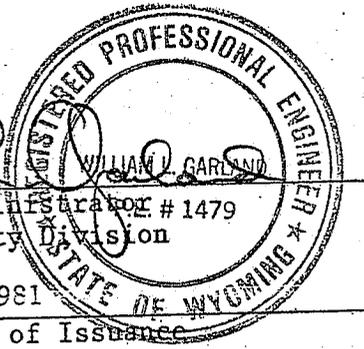
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

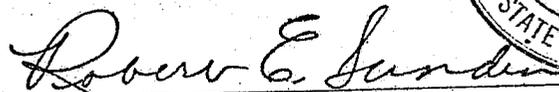
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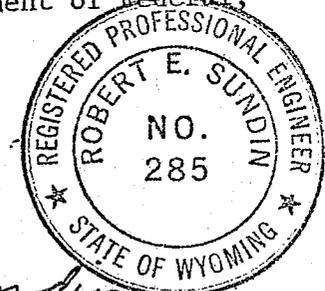
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
November 17, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

JCH:ch
11/17/81

12-1-8

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-830

Hanna - Interceptor Sewer
(Name of Facility)

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

Town of Hanna

P.O. Box 99

Hanna, WY 82327

to construct, install, or modify a interceptor sewerage collection facility according to the procedures and conditions of the application No. 81-830. The facility is located in Section 19, T22N, R81N 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.

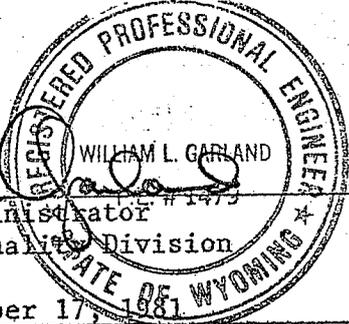
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

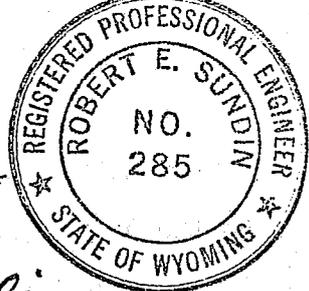
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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AUTHORIZED BY:


William L. Garland
WILLIAM L. GARLAND
Administrator # 1473
Water Quality Division
STATE OF WYOMING
November 17, 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: Paul McCarthy
Robert Jack Smith & Assoc.
Box 1104
Rawlins, WY 82301

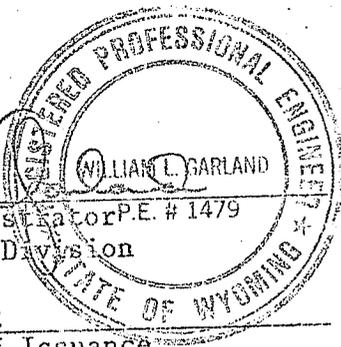
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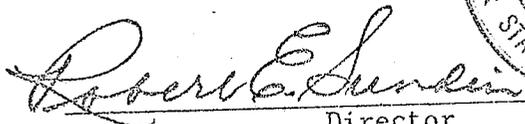
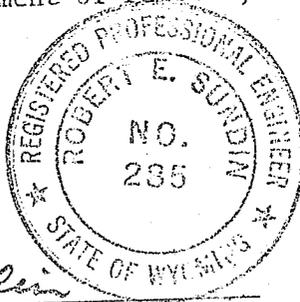
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AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator P.E. # 1479
Water Quality Division
January 5, 1982
Date of Issuance



Robert E. Sundin
Director
Dept. of Environmental Quality


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

CONDITION

* A condition of this permit is that the new wastewater treatment facility will be installed no later than 6-1-82.

FL:dl
1/5/82

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.

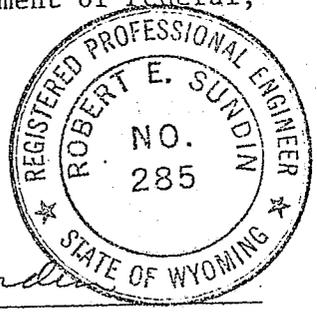
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AUTHORIZED BY:

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top and "STATE OF WYOMING" around the bottom. In the center, it says "ROBERT E. SUNDIN" and "NO. 285".
William J. Parland
Administrator
Water Quality Division
May 6, 1982
Date of Issuance

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top and "STATE OF WYOMING" around the bottom. In the center, it says "ROBERT E. SUNDIN" and "NO. 285".
Robert E. Sundin
Director
Dept. of Environmental Quality

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

AJB:ch

Water Quality Division
Groundwater Section
Permit Application Review

Application Number 81-832

Date submitted for review 27 April 1982

Name and location of facility Fluid Control Holding Pond
Evanson Wg

I have reviewed the plans and specifications with regard to all aspects of groundwater quality and find the following:

No comment. The submittal is consistent with current groundwater protection procedures and requirements.

Comments attached. *As per our phone conversation of April 28th the possibility of groundwater table "crying" the granite liner, or stressing the liner to a cracking point does exist. Additionally, the Pond specification sheet allows for leakage, with the groundwater only 1 foot away I question this.*

Signed Richard J. [Signature]

Title Eng. Evac.

Date 30 Apr 82

Review Approved X

Not Approved _____

5/6/82
(Date)

[Signature]
(Signed)

Groundwater Control Supervisor

*Returned
5-7-82*

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

*add
copy of
plans for
Tom*

PROJECT: FLUIDS CONTROL SEDIMENT/BRINE WATER PIT

ENGINEER: Uinta Engineering & Surveying, Inc.
Attn. Gene P. Smith
P.O. Box 746
Evanston, WY 82930

OWNER: Fluids Control Inc.
P.O. Box 917
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-832

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: December 14, 1981

ACTION: Not authorized.

COMMENTS: Before a permit is issued the following items need to be addressed.

1. Please explain the operation of the pond. Will it always contain water? How soon will it be dewatered when to full? What happens to the water collected in the pond? What about sediments, how will they be removed, how often, how disposed of?
2. The pond needs to be able to hold the 10 yr. - 24 hr. precipitation event. Your storage figure seems low.
3. It is assume the exterior sideslopes are 1:1 also.
4. How will it be possible to determine whether or not the holding pond leaks?
5. Please provide suitable construction specifications.
6. What is the separation between the bottom and high groundwater?
7. Our groundwater section will be reviewing these plans and may have additional comments and questions.

.../2

A.C

Review of Plans and Specifications for Fluids Control Sediment/Brine Water Pit
DEQ/WQD #81-832

Date of Review - December 16, 1981

Page 2

8. How does the waste get into the pond?
9. Please define the danger to this facility from flooding.
10. Is gunite inert to attack from salts and other materials held in this pond? My references define it as sprayed concrete.

AB:d1

cc: Marion Yoder

John Wagner

Tony Mancini

DEQ/WQD - Cheyenne ✓

Wayne Shepherd

File (4)

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.

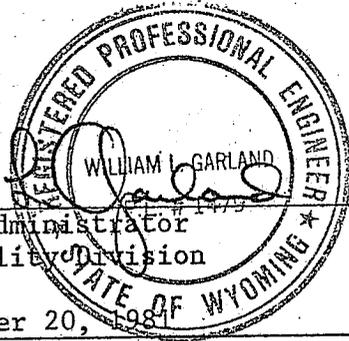
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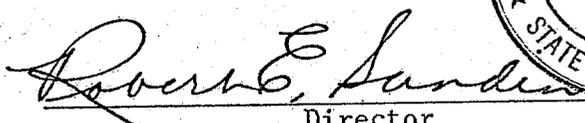
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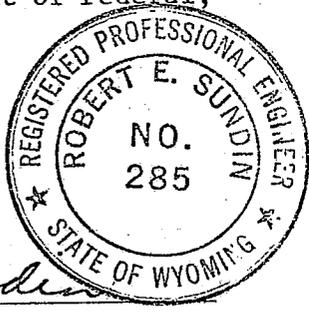
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AUTHORIZED BY:



Administrator
Water Quality Division

November 20, 1981
Date of Issuance



Director
Dept. of Environmental Quality


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

MRC: db
11/20/81

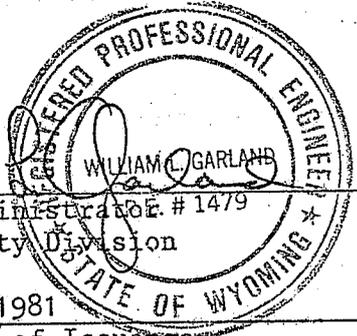
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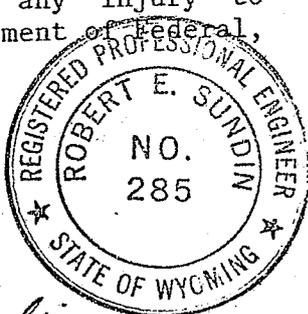
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AUTHORIZED BY:


William L. Garland
Administrator # 1479
Water Quality Division
December 1, 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:ch

Chy.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: CHEVRON-CARTER CREEK MANCAMP WATER SYSTEM MODIFICATIONS

ENGINEER: Uinta Engineering & Surveying, Inc.
P.O. Box 746
Evanston, WY 82930
Attn: Kenneth Walker

OWNER: Daniel Construction Co.
P.O. Box 966
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-834

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

DATE OF REVIEW: November 10, 1981

ACTION: Not authorized.

COMMENTS: A review of your application to modify the water system has been completed. Before a "Permit to Construct" can be issued the following points need to be resolved.

1. One Point in the Engineer's cover letter needs to be clarified. Construction of the Chevron-Carter Creek Mancamp water and sewer facilities were authorized under permit number 80-247R issued on June 24, 1980. DEQ reference number 81-158 refers to the approval of the "as built" plans submitted to this office on March 26, 1981. This is not a permit. The "as built" approval is for that portion of the physical facilities referenced in my February 2, 1981 inspection report and is not intended to be an approval of the hydraulic needs and/or capabilities of either the water or sewer system. This was covered in permit number 80-247R.

2. How much longer will this camp be in use? After the completion of the construction project are the physical facilities to be sold and/or turned into a trailer court, or will they be removed? If the camp, is indeed temporary and the facilities are to be removed it will be possible to permit the additional storage tank. If the facilities are to remain in tact after the construction project is completed it is our position that all modifications will have to be approached as if they were permanent. If this is the case the daily hauling of drinking water will not be approved. In order to resolve this question a letter is needed from the owners of the mancamp verifying their intentions. If the camp is to be abandoned they should include an estimated date of removal of the facilities.

A, B, C

Review of Plans and Specifications for the Chevron-Carter Creek Mancamp
Water System Modifications, DEQ 81-834
Date of Review - November 10, 1981
Page 2

3. There is some confusion on what the source of water will be. The "Application for Permit to Construct" states it will come from a Utah well, but a November 1, 1981 letter from the Big K Corporation states the water will come from the Evanston City water system. Please clarify and make the necessary revisions.
4. Verification is needed that the water source meets the Primary Drinking Water Standards. Copies of the lab tests need to be supplied to this office.
5. The proposed water storage tank is an oil storage production tank. Such a tank cannot be approved for the storage of potable water. All water Storage tanks must meet current AWWA standards.
6. All materials need to be specified (i.e. piping, valves, ect.).
7. Complete installation specifications are needed.
8. How is the tank isolated from the rest of the system? From the lay out provided it appears the wells could pump into the tank.

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

FL/d1
11/12/81

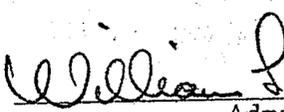
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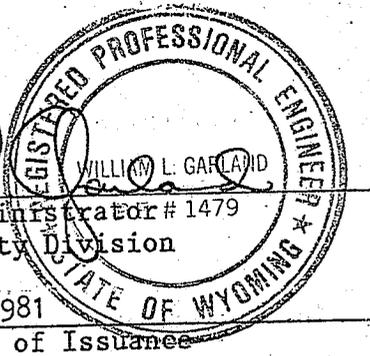
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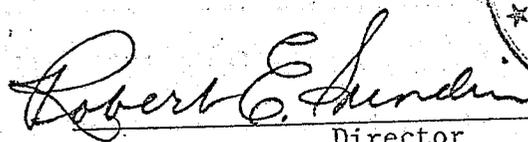
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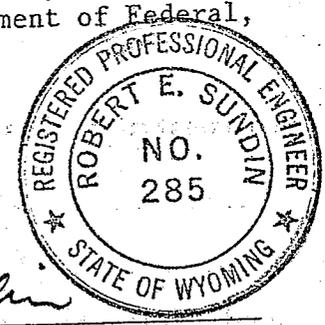
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AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
December 22, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

CONDITIONS

*This permit is issued with the condition that the on-site facilities, authorized by this permit, are to be abandoned when a public sewage collection line becomes available. Connection to the public sewage collection line must be made at that time.

FL:ch
12/22

Cheg.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: NOWSCO, Inc. Shop Building

ENGINEER: Bonneville Engineering
2005 S. 300 W.
Salt Lake City, Utah 84115
Attn: Grant R. Talbot

OWNER: Teel Construction
5298 Pinemont Dr.
Salt Lake City, Utah 84107

WATER QUALITY DIVISION REFERENCE NUMBER: 81-835 *JH*

REVIEWING ~~ENGINEER~~ EVALUATOR

DATE OF REVIEW: November 12, 1981

ACTION: Not authorized.

COMMENTS: A review of your application for a permit to construct a septic tank - leach field has been reviewed. Before a permit can be issued the following points need to be resolved.

1. Three copies of the plans, engineering report, etc. are needed.
2. What is the projected daily volume of wastewater from the shop? Please provide the calculations used to arrive at this number. In addition the volume of wastewater needs to be put on the "Application for Permit to Construct" form in the appropriate place.
3. Please put the lot size on the Check List Sheet. This is Item B-1.
4. Please put the type, size and location of the septic tank access on the Check List Sheet. This is Item C-4.
5. Item C-6 states there is one baffle in the septic tank. The septic tank detail provided shows two baffles (which is a requirement). The type of baffle also needs to be indicated.
6. Septic tank inlet and outlet piping must be Schedule 40 PVC. Please indicate this under Item C-8 on the Check List Sheet.
7. A typical foundation section is needed. This is shown on the enclosed Septic Tank Detail Sheet, provided for your reference. Be sure to include the slope of the influent line to the septic tank.

A, B, C

8. The septic tank and leach field must be located a minimum of twenty-five feet from any water lines. It appears the septic tank is within twenty-five feet of the water line.

9. Please show the distance from the septic tank and leach field to the property lines. A minimum distance of ten feet is required.

10. A cleanout is recommended in one of the 90° bends in the septic tank influent line. A cleanout detail is needed.

11. The drain field detail indicates a future connection. Please be advised that when the permit is issued it will be for the shop building only and will not include any future connections.

The owner of the facility will have to obtain a permit to modify the facilities from this department.

12. When the "Permit to Construct" is issued a condition will be placed on it stating that the septic tank - leach field facilities are to be abandoned at such time as a public sewage collection line becomes available.

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.

FB/d1
11/13/81
enclosures

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

December 11, 1981

Mr. C. E. Bowman
Brown & Root, Inc.
P.O. Box 3
Houston, Texas 77001

81-836
NO PERMIT REQUIRED

Dear Mr. Bowman:

We have received your letter and submittal of October 29, 1981, requesting approval of the plans and specifications for the Mobil Caballo Rojo Mine potable water system. I have reviewed the drawings sufficiently to determine that the proposed system supplies water to only six (6) service connections, and that the system is apparently not intended to be expanded. Wyoming law defines Public Water Supply as any system which serves ten (10) or more service connections. Consequently, no Permit to Construct is required from this Division, and I am returning herewith the materials you supplied.

I should mention that this finding has no bearing on the need for Mobil to comply with the federal Safe Drinking Water Act. The federal requirements are significantly different from those of the State of Wyoming.

I hope preparing the application did not cause you undue trouble. Thank you for your cooperation.

Yours very truly,

Tom Mueller

Tom Mueller
District Supervisor

TM/lrs

Enclosures

xc: Gary Beach, Land Quality Division
Norma Coulson, Water Quality Div.
Jake Strohmman, Water Quality Div.

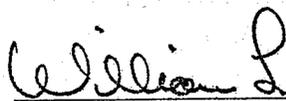
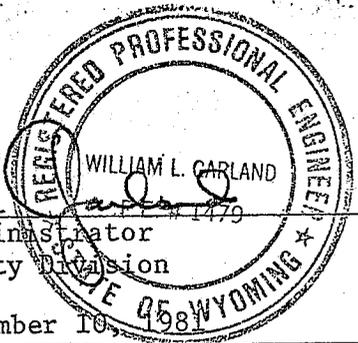
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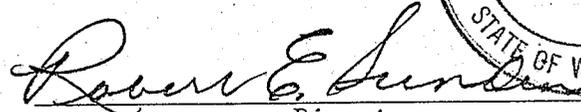
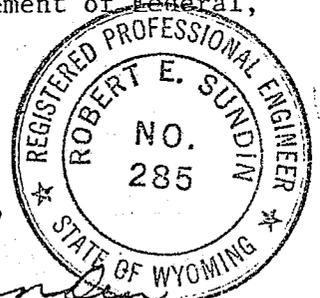
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AUTHORIZED BY:



Administrator
Water Quality Division
December 10, 1988
Date of Issuance



Director
Dept. of Environmental Quality

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

xc: Ed Scott
P.O. Box 2097
Gillette, WY 82716

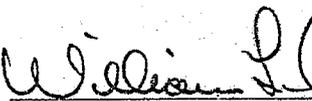
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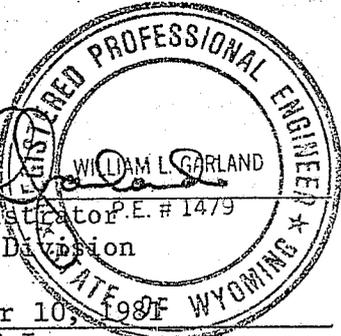
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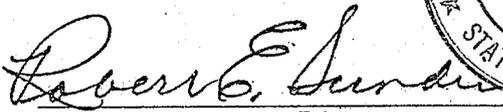
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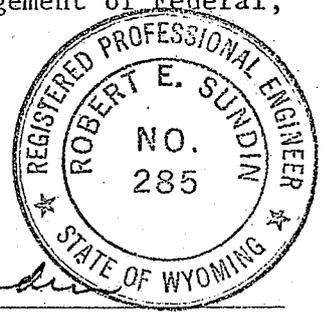
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator P.E. # 1479
Water Quality Division
December 10, 1987
Date of Issuance




Director
Dept. of Environmental Quality



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

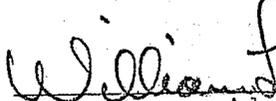
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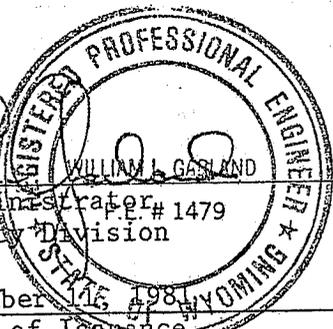
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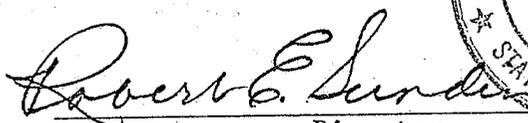
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AUTHORIZED BY:


WILLIAM J. GASLAND
Administrator # 1479
Water Quality Division
December 16, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

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

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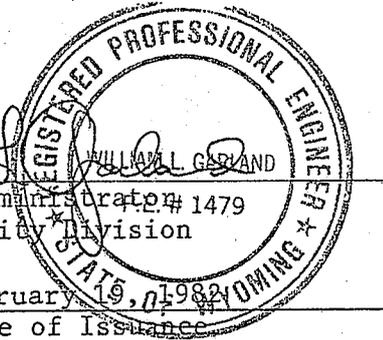
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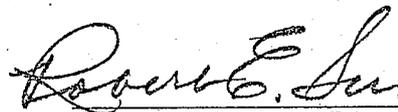
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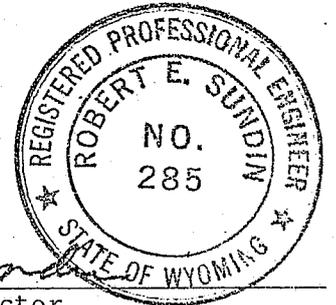
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AUTHORIZED BY:


WILLIAM J. GARBAND
Administrator # 1479
Water Quality Division
February 19, 1982
Date of Issuance




Director
Dept. of Environmental Quality



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

CONDITIONS

1. No wastewater, water, waste oil, toxic material, hazardous material, hazardous waste or other substance of any nature, except wastewater produced from oil wells in the Brush Creek Field, shall be stored or disposed of in this facility.
2. If the quality of produced water from the Brush Creek Field should ever worsen significantly from that indicated in the application, the owner of the facility shall immediately notify, in writing, the Administrator of the Water Quality Division. "Significant worsening" shall be defined as an increase in average Total Dissolved Solids concentration of the wastewater to greater than 15,000 milligrams per liter.



THE STATE OF WYOMING

MAILED TO SHERIDAN
2-5-82

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

MEMORANDUM

TO: A. J. Mancini

FROM: Phil Pucel *PP*

DATE: February 5, 1982

SUBJECT: Green Exploration, Brush Creek Field Production Water Disposal System, S36, T38N, R73W, Converse Co., DEQ/WQD Ref. No. 81-840RR

This application is reviewed subsequent to an initial review made on November 16, 1981 as recorded in a memo to Tony Mancini. That memo stated: "The proposed facility seems to be satisfactory, pending receipt of hydrological and geological information as mentioned in the November 4, 1981 letter from Joseph Jagodzinski to Tom Mueller." Hydrological and geological information, adequate for an assessment of groundwater conditions and any threat to groundwater quality at the site, has not been submitted. The information on the water well is received and appreciated, but specific information required for permit approval includes:

- Type, source and chemical, physical, radiological and toxic characteristics of the pond contents.
- The name, description, depth, geology and hydrology of the uppermost aquifer; including permeabilities, hydraulic conductivities, and transmissivities.
- The interconnection of the uppermost aquifer with deeper aquifers by natural or man-made pathways.
- Water quality information which will facilitate the classification of any groundwater which may be affected by the pond contents.
- Potentiometric surface maps
- General geohydrology
- Mass balance calculations of pond contents.
- Mass balance monitoring program of pond contents.
- Justification of the release of pond contents through the one foot thick liner with a seepage rate of 0.144 inches per day. What is the quality of the leachate? What amount of time is required for the leachate to reach groundwater?

- In the event of increased seepage, what measures will be taken to contain the migration of contaminants.

The general items listed above need to be satisfactorily addressed in order to define the hydrologic system and to assess potential impacts to this system.



Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

MEMORANDUM

TO: Tony Mancini
FROM: Phil Pucel *pp*
DATE: November 16, 1981
SUBJECT: Green Exploration, Brush Creek Field Production Water Disposal System,
S36, T38N, R73W, Converse Co. *81-840*

The proposed facility seems to be satisfactory, pending receipt of hydrological and geological information as mentioned in the November 4, 1981 letter from Joseph Jagodzinski to Tom Mueller.

PP/nc

*Class returned
11-23-81*

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.

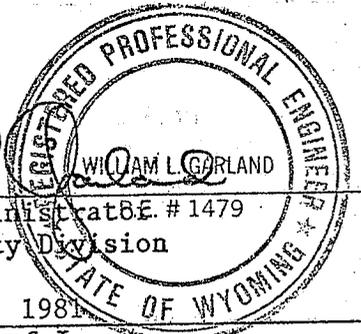
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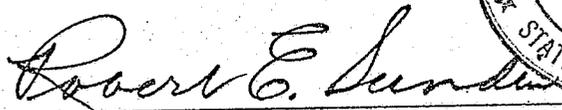
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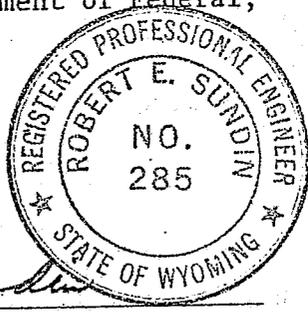
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AUTHORIZED BY:


WILLIAM L. GARLAND
Administrative # 1479
Water Quality Division
December 8, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

FL/dl
12/8/81

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 8, 1981

Mr. Gene Smith
Uinta Engineering & Surveying, Inc.
P.O. Box 746
Evanston, WY 82930

Re: Hopkinson Tire Service Center, DEQ Re.# 81-841

Dear Mr. Smith:

As per our conversation today the lot size, on the above referenced application, has been changed from 210 feet by 140 feet to 520 feet by 270 feet. Based upon this final revision the plans have been approved as of this date.

Yours truly,

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

Francis LaBarge
Water Quality Evaluator
Southwest District

FL/dl

cc: Cheyenne DEQ/WQD

Chey

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Hopkinson Tire Service Center

ENGINEER: Uinta Engineering & Surveying, Inc.
PO Box 746
Evanston, WY 82930
ATTN: Kenneth Walker

OWNER: Todd Hopkinson
557 Standel Drive
Salt Lake City, UT 84108

WATER QUALITY DIVISION REFERENCE NUMBER: 81-841

REVIEWING ~~ENGINEER~~ Evaluator: Frank LaBarge



DATE OF REVIEW: November 19, 1981

ACTION: Not authorized.

COMMENTS: A review of your application has been completed. Before a permit can be issued, the following points need to be resolved.

1. A clean-out is recommended in one of the influent lines. A clean-out detail is needed.
2. The Plan Sheet drawing does not show the location of the pumping chamber.
3. The water lines need to be shown on the Plan Sheet so the separation distances can be verified.
4. The drain field must be a minimum of ten feet from the septic tank and pumping chamber.
5. What are the distances from the drain field to the property boundaries?
6. How was a wastewater flow of 650 GPD arrived at for the restroom facilities.
7. A Septic Tank Detail Sheet is needed with the application.

A, B, C

REVIEW OF PLANS AND SPECIFICATIONS
Hopkinson Tire Service Center
November 20, 1981
Page Two

8. The Plan Sheet calls for a rectangular piping system in the mound but the Elevated Leach Field Detail Sheet shows a different piping scheme.
9. Please show the direction of the ground slope on the Plan Sheet. The trenches must be located perpendicular to the slope.
10. What is the hole size and spacings in the distribution piping?
11. What is the dosing frequency and volume (i.e. the level control settings)?
12. What is the pump specification? How much head does it have to pump against?

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:db
November 20, 1981

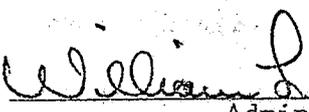
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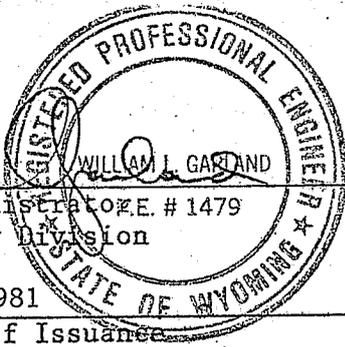
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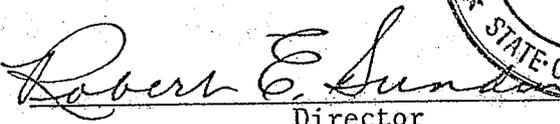
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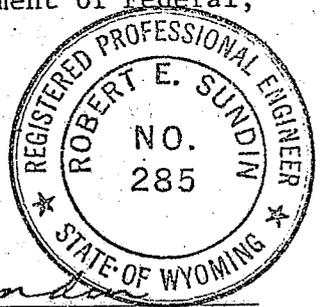
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AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator, E. # 1479
Water Quality Division
November 30, 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.

JCH/dl



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

February 26, 1982

Phillip Myers, President
Broken Circle Development
PO Box 725
Evanston, WY 82930

RE: Grass Valley Mobile Home Court #1
81-843RRR

Dear Mr. Myers:

The as-built plans for Grass Valley I have been reviewed with respect to future developments and found to meet minimum design standards. This letter constitutes acceptance of those plans and is issued in lieu of a permit which cannot be issued for as-built facilities.

Should you have further questions please feel free to contact me.

Respectfully,

Albert J. Berreth
Albert J. Berreth
Area III Supervisor

AJB:ch

cc: Wayne Shepherd
Great Basin Engineering
Cheyenne DEQ/WQD
File (4)



Department of Environmental Quality
Water Quality Division

210 LINCOLN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 25, 1982

Mr. Jay R. Anderson, P.E.
Great Basin Eng., Inc.
PO Box 9307
Ogden, UT 84409

RE: Grass Valley I & II, 81-538RR &
81-843R

Dear Mr. Anderson:

The plans for these two subdivisions have been reviewed and appear to meet minimum design standards. However, before signing off on Grass Valley I and permitting Grass Valley II one item must be addressed.

The portion of the sewer system located in Grass Valley I is at capacity and cannot accommodate future growth. A map of the Broken Circle Subdivision indicates that Willow Glenn Commons and the Evanston Housing Authority may also need to have their sewage flow into Grass Valley I. If this is the case, the 8-inch sewage lines in Grass Valley I will need to be replaced or the connection will need to be made at an alternate location.

How will this problem be handled? Please advise us as soon as a decision has been made.

Respectfully,

Albert J. Berreth
Albert J. Berreth
Southwest District Engineer

AB:ch

cc: Wayne Shepherd
Broken Circle Cattle Co.
Cheyenne DEQ/WQD
File (4)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: GRASS VALLEY MOBILE HOME PARK NO. 1

ENGINEER: Great Basin Engineering, Inc.
P.O. Box 9307
Ogden, UT 84409

OWNER: -----

WATER QUALITY DIVISION REFERENCE NUMBER: 81-843

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: October 27, 1981

ACTION: Not authorized.

COMMENTS: Before acceptance of the plans and specifications, the following items need to be addressed:

1. When the plans were originally reviewed, the degree of change was not fully perceived. The changes made constitute major revisions and, as a result, a modified permit will need to be obtained. Regular construction drawings will need to be submitted, including profiles.
2. During the field visit, particular attention will be focused on manholes 9 and 20. It appears that they may provide a location for excessive solids build-up. Revisions may be requested.
3. Any changes with the alignment of the force main must be shown.
4. During the inspection, special attention will be given to the riser details.
5. Valve locations appear to be adequate; however, the requirement that no more than 20 homes be without water service at one time appears unmet.
6. After the on-site visit and receipt of final plans, a final review will be made.

AB:nb

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

12-4-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-844

N. L. Hycalog
(Name of Facility)

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

Wyoming Construction & Erection

P.O. Box 2882

Casper, WY 82602

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-844. The facility is located in Section 3, 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.

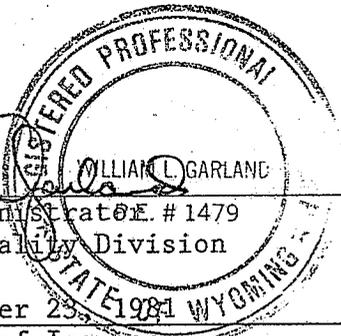
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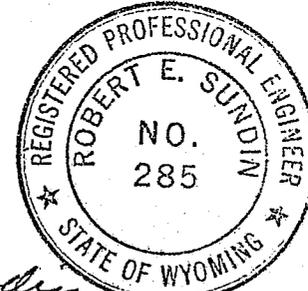
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AUTHORIZED BY:


William L. Garland
WILLIAM L. GARLAND
Administrative # 1479
Water Quality Division
November 23, 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: Detmer R. Knapp
Knapp & Associates
P.O. Box 9859
Casper, WY 82609

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.

12-4-81

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-845
SEE SPECIAL CONDITION

Oncor Drilling
(Name of Facility)

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

May Company

P.O. Box 596

Vernal, UT 84078

to construct, install, or modify a commercial, subsurface wastewater disposal facility facility according to the procedures and conditions of the application No. 81-845. The facility is located in Lot 48, Westgate III, 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.

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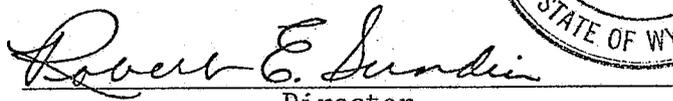
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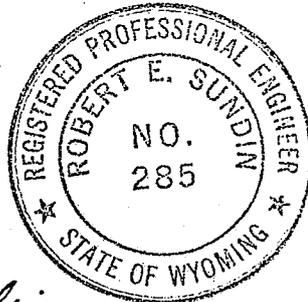
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AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
STATE OF WYOMING
November 19, 1958
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 S. Rate, Jr.
Western Construction, Inc.
P.O. Box 930
Casper, WY 82602

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.

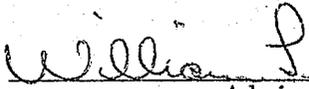
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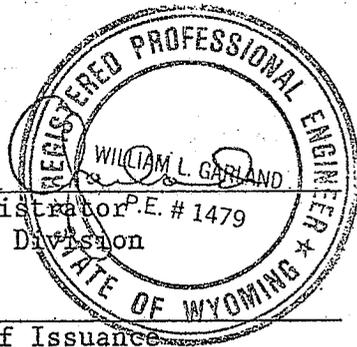
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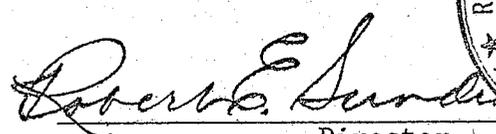
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AUTHORIZED BY:



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

March 2, 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.

AJB:ch

Cherry

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

210 Lincoln

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: FT. BRIDGER MOBILE HOME ESTATES

ENGINEER: Carlton & Carlton
PO Box 435
Evanston, WY 82930
ATT: Kevin Jones

OWNER: Ft. Bridger Development Co.
c/o Carlton & Carlton
PO Box 435
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-846R

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: February 2, 1982

ACTION: Not authorized.

COMMENTS: In the previous review comments 2, 3, and 4 were designed to get a handle on the aquifer. Since adequate information is not available, further testing is needed to show that each well is individually capable of providing 50 gpm. "Ten States Standards" requires the pump test to be performed at 1.5 times the required capacity for 24 hours or at least 6 hours of stabilized drawdown.

AB:ch

A

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Ft. Bridger Mobile Home Estates

ENGINEER: Carlton & Carlton
P.O. Box 435
Evanston, WY 82930
ATTN: Kevin Jones

OWNER: Ft. Bridger Development Co.
c/o Engineer

WATER QUALITY DIVISION REFERENCE NUMBER: 81-846

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: 12/17/81

ACTION: Not authorized.

COMMENTS:

Your permit is being held pending resolution of the following items.

1. The plan and profile drawing pertaining to the check valve and meter pit location appear to not agree.
2. Please describe the well construction methods. Was screen used? How was development performed? Etc.
3. Please address the zone of influence around each well. Will they affect one another.
4. Have the aquifer characteristics been defined, transmissibility, storage coefficient, etc?
5. What happens to water expelled from the pressure relief valve? This needs to be directed toward the floor.

.../2

A, B, C

6. What is the average water useage? Generally we ask for at least 160 gpcd but a lesser number can be used with justification.
7. What are the pump turn-on, turn-off, pressures and settings?
8. Is there flexibility enough to add chlorination in the future if needed?
9. What about corrosion problems with your buried iron pipe? Will it be coated?
10. Groundwater may have comments.

AB/dl

12/18/81

cc: Dennis Farley

✓ Tony Mancini (with plans)

✓ DEQ/WQD Cheyenne

File (4)

12-11-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-847

SEE SPECIAL CONDITION

Jefferson-Yellowstone Storm Sewer Project
 (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 water mains and sanitary sewer mains facility according to the procedures and conditions of the application No. 81-847. The facility is located in Sections 3, 9 & 10, 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.

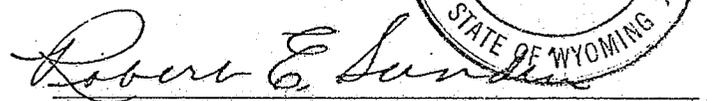
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
Administrator
Water Quality Division
STATE OF WYOMING
December 2, 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: W. A. McCullen, Jr.
CEI, Inc.
P.O. Box 2000
Casper, WY 82602

Condition to Permit to Construct

Approval shall be obtained from John Wagner, Technical Support Supervisor, Water Quality Division, Department of Environmental Quality, prior to discharging any water from de-watering wells installed for this project.

PERMIT TO CONSTRUCT

Permit No. 81-848

- New
- Renewal
- Modified

Three Theatre Complex - Mile Hi Addition
(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 water main extension facility according to the procedures and conditions of the application No. 81-848. The facility is located in Section 18, 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.

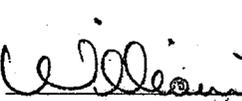
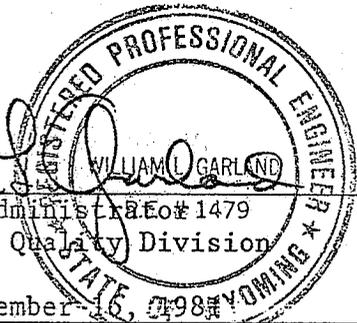
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

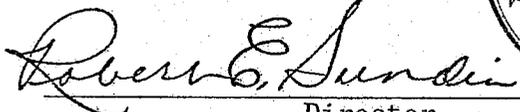
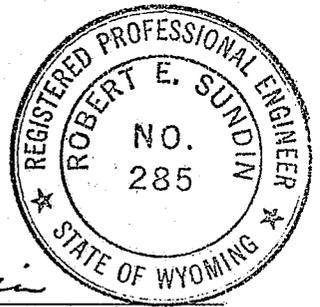
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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AUTHORIZED BY:



WILLIAM L. GARLAND
Administrative # 1479
Water Quality Division
November 16, 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.

cc: Robert L. Kumpe
Kumpe & Associates
P.O. Box 4240
Casper, WY 82604

12-4-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-849
SEE SPECIAL CONDITIONS

Whitlock Jack R. Trucking
(Name of Facility)

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

Coleman Custom Service

P.O. Box 265

Mills, WY 82644

to construct, install, or modify a commercial subsurface wastewater disposal facility according to the procedures and conditions of the application No. 81-849. The facility is located in Tract 20, Starks Acres, Section 24, 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.

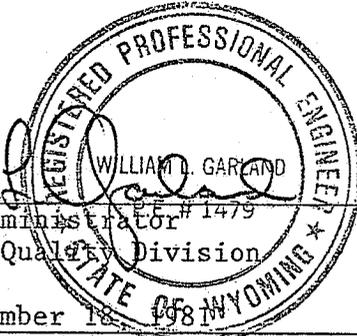
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

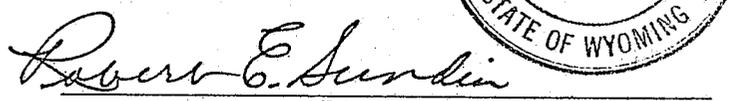
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 30, 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 D. GARLAND
Administrator # 1479
Water Quality Division

November 18, 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: Detmer R. Knapp
P.O. Box 9859
Casper, WY 82609

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.

2-17-87

PERMIT TO CONSTRUCT

New

Permit No. 81-850RR
SEE SPECIAL CONDITION

Renewal

Modified

Unitarian-Universalist Fellowship Church
(Name of Facility)

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

Corbett/Associates Architects & Planners

Box 1009

Jackson, WY 83001

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-850RR. The facility is located in Section 3, T15N, R73W 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.

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.

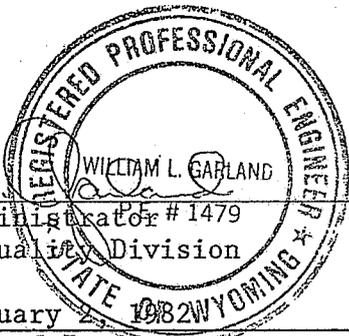
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

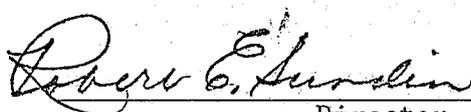
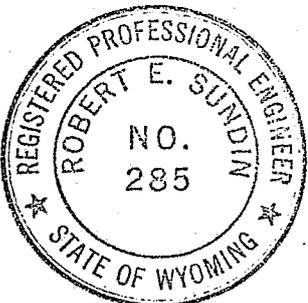
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 30, 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
February 10, 1982
Date of Issuance



Director
Dept. of Environmental Quality

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

cc: Ron Nelson
Nelson, Melius & Assoc.
100 West B Street, Suite 212
Casper, WY 82601

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 Wastewater Facility Plan for the City of Laramie 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 Facility Plan.

1-13-82

Review of Plans and Specifications

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

PROJECT: Unitarian-Universalist Fellowship Church, Albany Co.

ARCHITECT OR ENGINEER: Ron Nelson, P.E., Nelson, Melius & Assoc.
100 West B St., Suite 121, Casper, WY 82601

APPLICANT: Corbett/Associates
Box 1009, Jackson, WY 83001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-850R

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

Theodore D. Coyer

DATE OF REVIEW: January 13, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. What is the width of the proposed leach field trench?
2. The "gravel" or "crushed stone" around the leach field pipe must be washed and sized to be in the range of 1/2 to 2-1/2 inches:
3. Since this facility will have only one low flush (3 gallon) water closet, we will accept a design loading rate of 260 gpd (172 persons/2 x 3 gal./person/day = 260 gpd) with a maximum loading rate of 1.0 gal./square foot/day.

TDC/nc

12-4-81

Review of Plans and Specifications

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

PROJECT: Unitarian-Universalist Fellowship Church

ARCHITECT OR ENGINEER: Ron Nelson, P.E.; Nelson, Melius & Assoc.
100 West B St., Suite 212, Casper, WY 82601

APPLICANT: Corbett/Associates
Box 1009, Jackson, WY 83001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-850

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

DATE OF REVIEW: December 2, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Plans showing complete details of the proposed sewage disposal system including the septic tank and leach field must be provided. The plans must be sealed or signed by a Wyoming registered engineer.
2. What is the seating capacity of the church? Will the future addition be served by the proposed septic tank?
3. The leach field must not be deeper than 3.0 feet.
4. What is the depth to the seasonally high groundwater table?
5. If the proposed leach system is a "field" type, the area provided is based on the bottom area of the trenches. (Header pipe must be solid. A footer pipe is required and may be perforated.) If it is a "bed" type system, then use the bottom area of bed.
6. The attached copy of our proposed regulations should be used as a guide for this design because we consider this current technology.
7. A complete review will be conducted when the above information is provided.

TDC/nc

1 set of plans returned

