

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-200RR

Renshaw Glens Addition
(Name of Facility)

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

Reynolds Street Partners
c/o Conrad Dobler
208d, McConnel St.
Laramie, WY 82070

to construct, install, or modify a municipal public water distribution and municipal wastewater collection system for a 171 unit mobile home park facility according to the procedures and conditions of the application No. 82-200RR. The facility is located in Section 28, T16N, 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.

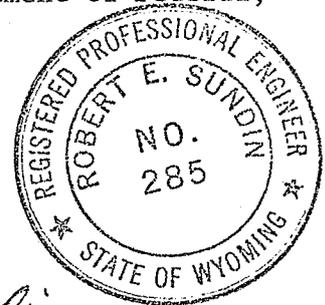
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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 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. Garland
WILLIAM J. GARLAND
Administrator
Water Quality Division
February 14, 1983
Date of Issuance

A circular seal for a Registered Professional Engineer. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF WYOMING" at the bottom, separated by two stars. The inner circle contains the name "WILLIAM J. GARLAND" and the number "NO. 1478".

Robert E. Sundin
Director
Dept. of Environmental Quality

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

cc: William G. Klapperich
Rosendahl & Assoc.
1360 N. Main
Sheridan, WY 82801



82-201R

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 10, 1986

Wardwell Water & Sewer District
P.O. Box 728
Mills, WY 82644

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

Gentlemen:

The current Wardwell Water & Sewer District "Standard Specifications and Design Criteria for Water Mains and Sanitary Sewers" were authorized under Department of Environmental Quality, Water Quality Division permit number 82-201R on May 27, 1982. The Water Quality Division promulgated new standards for water mains and sanitary sewers in 1984 and 1985. Therefore the Wardwell Water & Sewer District standard specifications are no longer valid or effective because of the Water Quality Division's recent changes.

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

Please call if you have any questions.

Sincerely,

Handwritten signature of Thomas S. Norman in cursive.

Thomas S. Norman
Water Quality Engineer

TSN/nc

Review of Plans and Specifications

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

PROJECT: 1982 Standard Specifications, Wardwell Water and Sewer District

ARCHITECT OR ENGINEER: Russell L. Donley, Western Engineers
501 N. Sun Dr., Casper, WY 82609

APPLICANT: Wardwell Water & Sewer District
P.O. Box 728, Mills, WY 82644

WATER QUALITY DIVISION REFERENCE NUMBER: 82-201

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

DATE OF REVIEW: April 29, 1982

ACTION: 1982 Standard Specifications Not Authorized

COMMENTS:

1. Section 201, page 5/19, paragraph G, and Section 301, page 4/27, paragraph B. Prior to discharge of groundwater from a dewatering activity, a discharge permit (NPDES) may be required. Who will be responsible for obtaining the permit prior to discharge of the water?
2. Standard Detail - Mobile Home Sewer Service. The riser pipe shall be protected by concrete at ground surface a minimum of four (4) inches thick and twelve (12) inches in diameter. The riser pipe shall terminate a minimum of four (4) inches above natural ground, standing water or surface water runoff, whichever elevation is higher.
3. Standard Detail - Water and Sewer Service Installation. Ten feet separation of water/sewer lines must be maintained for service connections, or the following conditions must be met for installation in one trench:
 - a. Eighteen inch vertical separation with water line above sewer line, or
 - b. Sewer line must be constructed of some material as water line, and sewer line must be pressure tested to meet water line specifications for leakage.
4. Recommend showing a standard detail for mobile home lot service connections of water/sewer line installations.
5. Standard Detail - Mobile Home Water Service. The water riser is to terminate four (4) inches minimum vertical separation above natural ground, surface water, or runoff water, whichever is higher. The riser pipe shall be protected by a concrete apron a minimum of four (4) inches thick and twelve (12) inches in diameter.
6. Section 303, page 3/4, paragraph H. Recommend that reduced pressure zone back flow preventers be specified for water lines.

7. Section 301, page 11/27, Table 1. Table 1 contained in the Wardwell Water & Sewer Specifications has been taken from the 1979 Wyoming Public Works Standards. The leakage test specification for water mains in the 1979 PWS Specifications is in error. The table is inconsistent with the formula:

$$L = \frac{ND\sqrt{P}}{7400}$$

This formula is correct and has been taken from the AWWA C600-77 standard. Table 1 is correct only for those types of pipe that have two joints for every pipe connection (mainly asbestos-cement pipe). Therefore, the number of joints (N) would be twice as many for A-C pipe than would be for PVC or ductile iron pipe. The formula is correct for any type of pipe. Recommend deleting Table 1.

8. Section 401, page 1/14, paragraph B1a, line 14. Add the following after "Fittings.": , or ASTM F679 for sizes over 15 inches.

5-28-82



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

May 27, 1982

Wardwell Water & Sewer District
P.O. Box 728
Mills, WY 826144

RE: 1982 Wardwell Water & Sewer Standard Specifications for Wastewater
Sewer Line Construction, DEQ-WQD Ref. No. 82-201R

Gentlemen::

We have completed our review of the 1982 Wardwell Water & Sewer Standard Specifications for wastewater sewer line construction, and have found that they meet minimum State of Wyoming standards. Any further additions or deletions to these construction standard specifications will require review by the WQD to ensure continued compliance with the standards. Future applications for sewer line construction for Wardwell Water and Sewer need only refer to the above specifications on the plan sheet.

The Wardwell Water & Sewer District Water Standard Specifications were reviewed and authorized under DEQ/WQD Reference Number 82-257.

Sincerely,

LeRoy C. Feusner, P.E.
Southeast District Supervisor

LCF/nc

cc: Russell Donley, Western Engineers, 501 N. Sun Dr., Casper, WY 82601
Ted Coyer, DEQ/WQD
Tom Norman, DEQ/WQD

1-16-85



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 14, 1985

CERTIFIED

WyoCal General Contractors
1302 Bill Nye
Laramie, WY 82070

RE: Unitarian-Universalist Church, Septic System Application #82-202

Gentlemen:

In checking the Department's files, I have found that the application for a septic system (#82-202) for the Unitarian-Universalist Church in Laramie is still pending. There is some confusion as to your actual request for construction. The following summary will help to explain our position:

1. An initial septic system application was received on November 9, 1981 (#81-850). This system was designed by a registered professional engineer from Nelson, Melius, & Associates of Casper. After some modifications, this septic system was authorized on January 28, 1982.
2. On April 23, 1982, another septic system application was received (#82-202) for the Unitarian-Universalist Church. This proposed septic system was different than the one authorized under permit #81-850. Application #82-202 was also not designed by a registered professional engineer as required by Wyoming statute.
3. On April 27, 1982, Ted Coyer from the Water Quality Division responded to you by letter describing the above problems and stating that the proposed construction was not authorized.
4. On February 13, 1984, LeRoy Feusner from the Water Quality Division sent a status letter to you requesting an update on the project as further information had not been received.
5. On March 5, 1984, you responded with the exact information as was sent on April 23, 1982. As stated before this is inadequate for authorization.

WyoCal General Contractors
January 14, 1985
Page 2

Therefore, within 20 days of receipt of this letter, please respond as to the status of this project.

1. If you desire not to proceed with this project, please so state and we will return the application package.
2. If you wish to proceed with this project instead of #81-850, then please address the comments in item #2 above and resubmit your application.
3. If you have constructed the septic system different than what was approved under #81-850, then submit as-built plans of the septic system as it currently exists. These plans must be signed by a registered professional engineer.

You are reminded that the construction or modification of a septic system without a Permit to Construct is a violation of Wyoming State Statutes and is punishable with a fine. A timely response is necessary to prevent potential enforcement action.

Sincerely,


for Thomas S. Norman
Water Quality Engineer

TSN/nc

cc: Tom Curren, Albany Co. Planning Office, 405 Grand Ave., Laramie, WY 82070



2-15-84

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 13, 1984

WyoCal General Contractors
1302 Bill Nye
Laramie, WY 82070

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:	Unitarian-Universalist Church
DEQ/WQD Reference Number:	<u>82-202</u>
Engineering Consultant:	None
DEQ/WQD Reviewing Engineer:	Theodore D. Coyer
Date of DEQ/WQD Review:	April 27, 1982

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,

A handwritten signature in cursive script, appearing to read "LeRoy C. Feusner".

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

4-28-82

Review of Plans and Specifications

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

PROJECT: Unitarian-Universalist Church, Albany Co.

ARCHITECT OR ENGINEER: WyoCal General Contractors
1302 Bill Nye, Laramie, WY 82070

APPLICANT:

WATER QUALITY DIVISION REFERENCE NUMBER: 82-202

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

Theodore D. Coyer

DATE OF REVIEW: April 27, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Nelson, Melius & Associates submitted a plan for a septic tank-leach field system for this project which was authorized by permit number 81-850RR. Any deviation from that plan requires either revised plans from Nelson, Melius & Associates or new plans from a Registered Wyoming Engineer be submitted for review. Since the plans were not sealed by a registered engineer, they cannot be accepted as complete and one copy is therefore being returned to you.
2. Please note the sketch of your proposed system does not agree with the authorized plan and must not be built unless authorized.

cc: Corbett/Associates Architects & Planners
Box 1009
Jackson, WY 83001

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

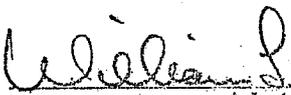
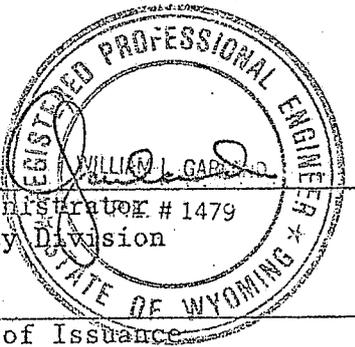
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

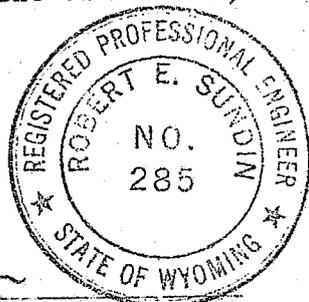
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


WILLIAM L. GARDNER
Administrator # 1479
Water Quality Division

June 22, 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 OF PERMIT****

Permittee must connect to the public sewage collection system as soon as it is available.

AJB:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

210 Lincoln

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: JASPERSON TRAILER COURT EXPANSION

ENGINEER: Sweetwater Eng.
175 Riverview Dr., Suite D
Green River, WY 82935

OWNER: Karl L. Jasperson
Star Route 2, Box 112
Green River, WY 82935

WATER QUALITY DIVISION REFERENCE NUMBER: 82-203

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: May 6, 1982

ACTION: Not authorized.

COMMENTS: Before issuing a permit, response to the following items is required:

1. A permit is required for the extension of the public water supply. It will be considered with this application.
2. Trailer water and sewer service riser details are needed. They should conform to appendix A of Chapter III, Wyoming Water Quality Rules and Regulations.
3. The disposal field area is inadequate. If a standard trench system, with 3 foot wide trenches, is used there will be 165 sq.ft. of drainfield area.
4. How far is this system from the Green River?
5. Cleanouts need to be positioned at bends and ends of lines.
6. What is the relative difference in elevation between the site and the Green River?
7. Three (3) copies of plans are needed

AJB:ch

cc: Cheyenne DEQ/WQD
File (5)

A/C

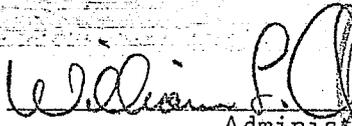
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

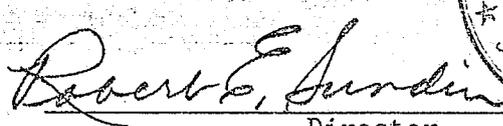
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:


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

July 7, 1988
Date of Issuance


ROBERT E. SORDIN
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.

xc: Cliff Sanders

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-205

WESTWOOD MANOR SUBDIVISION

(Name of Facility)

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

International Developers
555 East 4th South
Salt Lake City, UT 84102

to construct, install, or modify a _____

Wastewater collection system

_____ facility according to the procedures and conditions of the

application No. 82-205. The facility is located in _____

Sec. 33, T19N, R105W

_____ in the County of Sweetwater,

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

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

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

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

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

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

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

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

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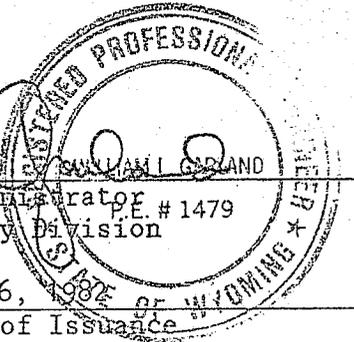
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AUTHORIZED BY:



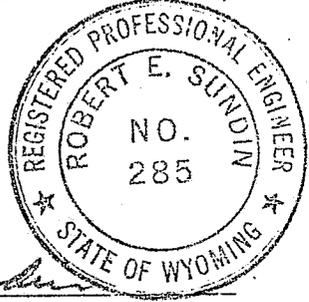
Administrator, P.E. # 1479
Water Quality Division
July 6, 1982

Date of Issuance





Director
Dept. of Environmental Quality



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

AB:dp



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

July 21, 1982

Gene Smith, P.E.
Uinta Engineering & Surveying, Inc.
808 Main Street
Evanston, WY 82930

SUBJECT: "As Built" Small Wastewater Facility (Permit Number 82-206RR)
for Magcobar Office and Yard

Dear Mr. Smith:

This letter is in response to the above mentioned facility. After reviewing the revised plans, they appear to meet the minimum design standards for the State of Wyoming. A "Permit to Construct" cannot be issued owing to the facility has already been built. Please retain this letter as verification that the facility has been accepted by the Wyoming Department of Environmental Quality.

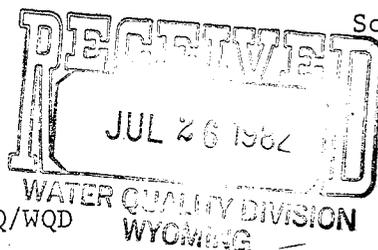
Sincerely,

A handwritten signature in cursive script that reads "Jack Bedessem".

Jack Bedessem
Water Quality Engineer
Southwest District

JB:dp

cc: Magcobar
Gene Smith
Cheyenne DEQ/WQD
File (2)



REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

210 Lincoln
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: MAGCOBAR OFFICE AND YARD

ENGINEER: Gene Smith
Uinta Eng. & Surv., Inc.
PO Box 746
Evanston, WY 82930

OWNER: Magcobar Division
PO Box 1057
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 82-206R

REVIEWING ~~ENGINEER~~ EVALUATOR: Francis LaBarge 

DATE OF REVIEW: June 16, 1982

ACTION: ~~Not authorized~~ "As Built" Not Approved

COMMENTS: A review of the "as built" plans has found that the existing system does not meet minimum design standards as defined by this State. The leach field is 662 ft.² undersized.

The required amount of absorption area is arrived at as follows:

Office: 16 employees at 15 GPD = 240 GPD
 $Q = 5/\sqrt{T} = 5/\sqrt{17.6} = 1.19 \text{ GPD/ft.}^2 \Rightarrow$
240 GPD \div 1.19 GPD/ft.² = 202 ft.² of absorption area required

Trailers: Perc rate of 18 min/in requires 202 ft.² per bedroom
6 bedrooms x 202 ft.² = 1212 ft.² of absorption area required

Total required absorption area equals 1414 ft.²

Existing absorption area equals 750 ft.² (300L.F. x 2.5 ft.)

Conclusion: Existing absorption area is undersized 662 ft.² (1414 ft.² - 750ft.²)

of Plans & Specifications
gcoabar Office & Yard #82-206R

June 16, 1982

Page 2

Please revise the Check List and Plan Sheets to show an additional 662 square feet of absorption area and resubmit the plans, in triplicate, to this office. Be sure to show all necessary separation distances. Upon receipt of a satisfactory reply, a "Permit to Construct" will be issued and then the necessary modifications should be made. If you have any questions, please call me.

FL:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

210 Lincoln

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: MAGCOBAR OFFICE AND YARD

ENGINEER: Gene Smith
Uinta Eng. & Surv.
PO Box 746
Evanston, WY 82930

OWNER: Magcobar Division
PO Box 1057
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 82-206

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

DATE OF REVIEW: May 6, 1982

ACTION: Not authorized.

COMMENTS: A review of the "as built" plans submitted to this office have been reviewed. Before a detailed review can be completed, the following additional information is needed:

1. What is the septic tank inlet and outlet pipe material. Schedule 40 PVC or Cast iron is required.
2. The following distances need to be shown on the Plan Sheet:
 - septic tank to warehouse
 - septic tank to trailer
 - septic tank serving office to water well
 - septic tanks to water lines (water lines need to be shown on the Plan Sheet)
 - septic tanks to property lines
 - leach field to water
 - leach field to water lines
 - leach field to buildings
 - leach field to property lines

AC

Review of Plans & Specifications
Magcobar Office and Yard #82-206
May 6, 1982
Page 2

3. Are there any waterways in the area? If so, please show them on the Plan Sheet and the separation distances to the septic tank and leach field.
4. Is the leach field in a roadway or parking area?
5. A cleanout detail is needed.

Upon receipt of this information, in triplicate, a detailed review will be made and you will be informed of my findings. If you have any questions, please call me.

FL:ch

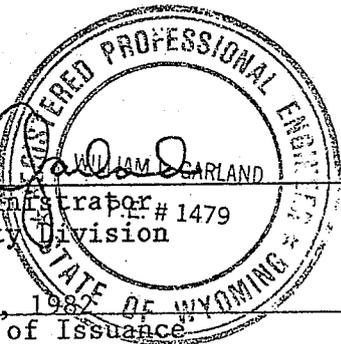
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

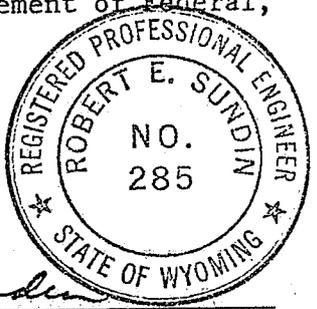
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AUTHORIZED BY:


William L. Garland
Administrator # 1479
Water Quality Division
June 7, 1987
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

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: STAR VALLEY RANCH PLAT #21 WATER SYSTEM EXTENSION

ENGINEER: Charles V. King
King Associates
2520 South State, Suite 214
Salt Lake City, UT 84115

OWNER: Leisure Valley, Inc.
dba Star Valley Ranch
PO Box 42755
Las Vegas, NV 89104

WATER QUALITY DIVISION REFERENCE NUMBER: 82-207

REVIEWING ~~ENGINEER~~ EVALUATOR: Francis LaBarge

DATE OF REVIEW: April 30, 1982

ACTION: Not authorized.

COMMENTS: A review of your application for the development of additional sources of water and a water distribution system extension to SVR Plat #21 has found it to be incomplete. The information presented is general in nature and provides a good narrative of the proposed project but is insufficient for the authorization of a "Permit to Construct".

An application for a "Permit to Construct" must consist of:

1. An "Application for Permit to Construct" form (copy enclosed) which has been completed and signed.
2. Detailed calculations to support the system design.
3. Complete and detailed construction drawings signed by an engineer registered in the State of Wyoming.
4. Complete and detailed construction specifications signed by an engineer registered in the State of Wyoming.
5. Any additional pertinent information used in the development of the proposed system.

AIC

Review of Plans & Specifications
Star Valley Ranch Plat #21 #82-207
April 30, 1982
Page 2

For your information, I am enclosing a copy of Chapter III of the Wyoming Water Quality Rules and Regulations which explains the permitting process used in this state. In Addition, I have enclosed the design standards used by this state for both water and sewer systems (i.e. the 1976 edition of Recommended Standards for Water Works and the 1978 edition of Recommended Standards for Sewage Works). Please use these standards as a guide in preparing your application. All pertinent information requested in the standards should be included in your application.

The application should be submitted to this office, in triplicate. I realize the urgency of obtaining DEQ authorization of this project and I will do everything possible to help you obtain it as quickly as possible. If, in the preparation of the application, you have any questions, please call me or if you wish, we can arrange a meeting to go over your proposal.

In response to your request for a preliminary plat review of the feasibility of on-site wastewater disposal systems in Plats #21 and #22 the following additional information is needed before a reply can be made:

1. Percolation tests representative of the entire area should be made. For plats of this size, it appears one percolation test per every five lots should be sufficient. The location of each perc test hole should be clearly identified on a plot plan.
2. Soil profiles of the percolation test holes should be proved.
3. A contour map of the plat is required.

Upon receipt of this additional information a preliminary review of the proposed plat will be made. The preliminary plat review request should not be included with the application for permit to construct but instead should be a separate request.

FL:ch

Enclosure

cc: Donna M. Sedey - Lincoln County Planning Office

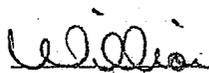
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

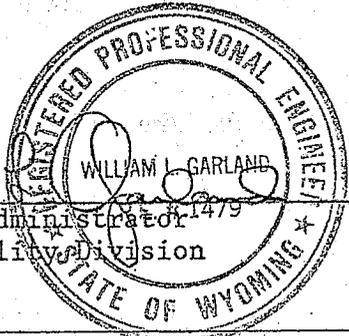
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

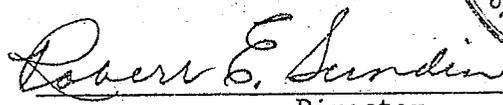
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

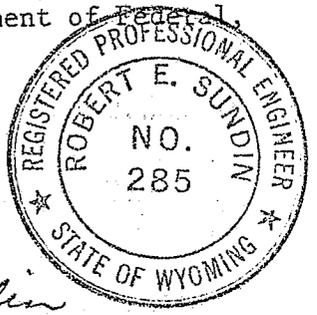
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property, or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



WILLIAM L. GARLAND
Administrator 1479
Water Quality Division




ROBERT E. SUNDIN
Director
Dept. of Environmental Quality


May 7, 1982

Date of Issuance

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

AJB:ch



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

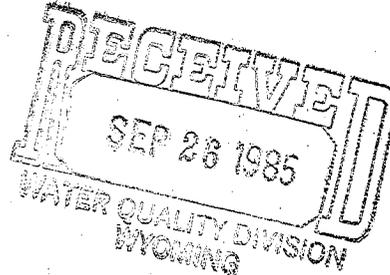
2161 COFFEEN AVENUE,
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

September 24, 1985

Mr. Ed Scott
Professional Consulting Associates
P.O. Box 2185
Gillette, Wyoming 82716



Dear Ed:

In response to your letter of September 13, 1985, I hereby extend the effective period of the Permits to Construct for the Willamette Manor Mobile Home Park to four years from the date of issuance. The permit numbers included in this extension are: 82-209R, 82-360, and 83-270.

It is understood that even though the permits for these water and sewer improvements were issued in 1982 and 1983, the work is just being finalized now, thereby necessitating the extension.

If you have any further questions, feel free to call.

Sincerely,

Rich Ruyle
District Supervisor

RR:ls

xc: Jeff Smith
Norma Coulson

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.

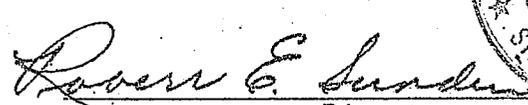
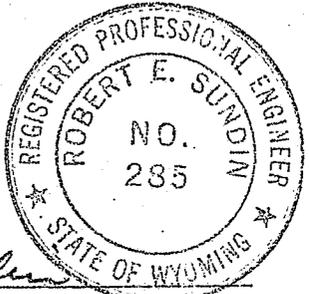
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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:



Administrator
Water Quality Division
June 2, 1982
Date of Issuance



Director
Dept. of Environmental Quality

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

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

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
2161 COFFEEN AVE., SUITE 301
SHERIDAN, WYOMING 82801

PROJECT: Willamette Manor Mobile Home Park
Offsite Water and Sewer Improvements

ARCHITECT OR ENGINEER: Scott Engineering
Box 2097
Gillette, Wyoming 82716

WATER QUALITY DIVISION
REFERENCE NUMBER: 82-209

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: May 11, 1982

ACTION: Not Authorized



COMMENTS:

- 1.) Normal minimum spacing between manholes is 400 feet. Please explain the use of 500 foot spacing on the 15 inch sewer line.
- 2.) Please justify use of a 15 and 21 inch sewer flowing into a 12 inch sewer main. How many living units will the sewer extension eventually serve? Will a minimum velocity of 1 fps be maintained in the sewer?
- 3.) You may be aware that a Corps of Engineer's 404 permit may be required for the creek crossing if its average annual flow is greater than 5 cfs. You can contact Mike Carnevale (777-7081) in Cheyenne for details.

Feel free to call me with questions.

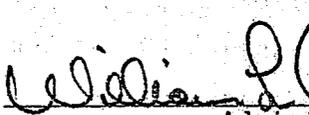
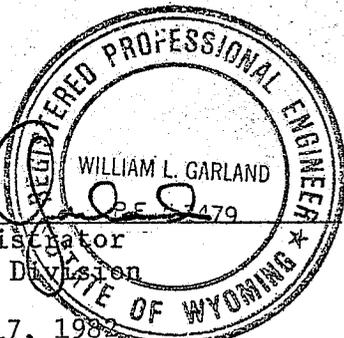
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

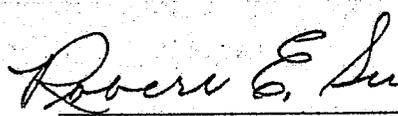
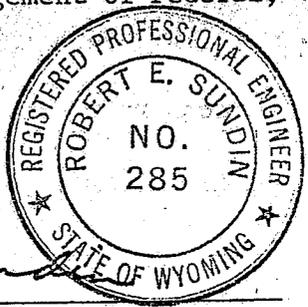
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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
P.E. 479
Administrator
Water Quality Division
May 17, 1982
Date of Issuance



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

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

xc: Lonnie Lanners
Alpha Engineering, Inc.
21 North Main, #3
Sheridan, WY 82801

File

Norma

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

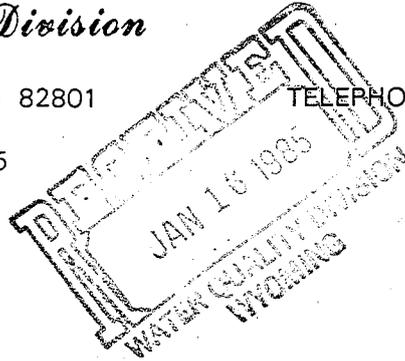
Water Quality Division

2161 COFFEEN AVENUE,
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

January 7, 1985

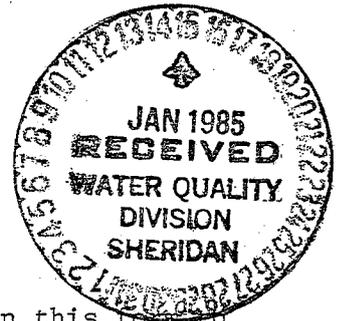


Mr. Roger Reich
Engineering Inc. of Wyoming
45 East Loucks, Suite 301
Sheridan, Wyoming 82801

Dear Mr. Reich:

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:	County Club of the Big Horns Subdivision Sewer System
DEQ/WQD Reference Number:	82-211R
Engineering Consultants:	Engineering Inc. of Wyoming
DEQ/WQD Review Engineer:	Rich Ruyle
Date of DEQ/WQD Review:	August 13, 1982



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

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

The application will be resubmitted within 30 days.

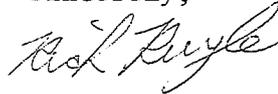
The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.

Other remarks: *THE PROJECT IS ON HOLD UNTIL LATER THIS SPRING! WE WILL CONTACT YOUR OFFICE ONCE WE FIND OUT THE OWNER'S SCHEDULE.*

Mr. Roger Reich
January 7, 1985
Page Two

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 review engineer receives information concerning the status of this project within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,



Rich Ruyle
District Supervisor

RR:ls

xc: Norma Coulson



NORMA



Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

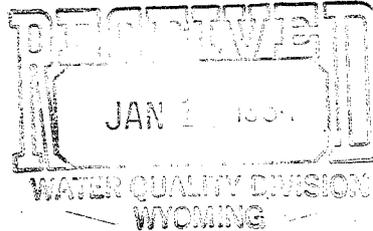
CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

Date December 2, 1983

CERTIFIED

Engineering, Inc. of Wyoming
45 East Loucks, Suite 301
Sheridan, Wyoming 82801



Dear Sirs:

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

Facility name:	<u>Country Club of the Big Horn</u>	<u>Sheridan</u>
	<u>Subdivision, Sewer System</u>	
DEQ/WQD Reference Number:	<u>82-211R</u>	
Engineering Consultant:	<u>Roger Reich</u>	
DEQ/WQD Review Engineer:	<u>Rich Ruyle</u>	
Date of DEQ/WQD Review:	<u>August 13, 1982</u>	

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

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within 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 A DECISION WILL BE MADE EARLY NEXT YEAR (1984) CONCERNING A CONSTRUCTION START. WE WILL CONTACT YOU JUST AS SOON AS THE CLIENT MAKES A DECISION.

Thank you
Roger Reich



Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

Date December 2, 1983

CERTIFIED

Engineering, Inc. of Wyoming
45 East Loucks, Suite 301
Sheridan, Wyoming 82801

Dear Sirs :

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

Facility name:	<u>Country Club of the Big Horns</u>
	<u>Subdivision, Sewer System</u>
DEQ/WQD Reference Number:	<u>82-211R</u>
Engineering Consultant:	<u>Roger Reich</u>
DEQ/WQD Review Engineer:	<u>Rich Ruyle</u>
Date of DEQ/WQD Review:	<u>August 13, 1982</u>

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

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

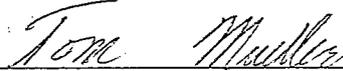
The application will be resubmitted within 30 days.

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, and is punishable with a fine not to exceed \$10,000 for each day of violation. Unless the Water Quality Division review engineer receives information concerning the status of this project within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,



Tom Mueller, District Supervisor
Water Quality Division

xc: Norma Coulson, Cheyenne WQD

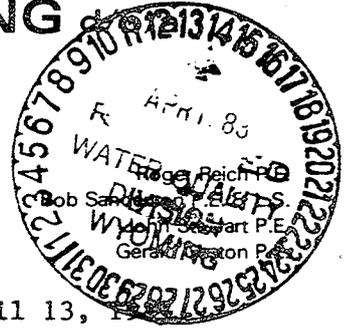
82-211R



ENGINEERING INC. of WYOMING

Pilch Engineering and Surveying

Consulting Engineers & Land Surveyors
Suite 301 P.O. Office Building
45 E. Loucks
Sheridan, Wyoming 82801
307-674-4224
307-672-6381



April 13, 1983

Mr. Tom Muller
Dept. of Environmental Quality
2161 Coffeen Ave.
Suite 301
Sheridan, Wy 82801

SUBJECT: Country Club of The BigHorns

Dear Tom,

Received your letter dated April 8th where you requested information concerning the Country Club of The BigHorns Subdivision. I have contacted the owner as to when he expects to start construction. At the present time he is working only on the Golf Course which is excluded from the subdivision. He will be using the ranch facilities for the Golf Course guests until such time as there is an interest in construction in the subdivision.

The owner has basically put the subdivision on hold until this summer. It is understood that no work will be done on the water or sewer systems until a permit to construct is received from your department. We will not update the drawings as per your comments for 30 to 45 days. At that time weather will permit access to the area without us tearing it up with 4-wheeldrive vehicles.

I will keep you posted as to the owner's progress.

Sincerely,

Roger Reich
Engineering Inc.
of Wyoming

RR/rm

c.c. Dick Shanor



Department of Environmental Quality
Water Quality Division

2161 COFFEEN AVENUE,
SUITE 301

SHERIDAN, WYOMING, 82801

TELEPHONE 307-672-6457

April 8, 1983

CERTIFIED

Mr. Roger Reich
Engineering Inc. of Wyoming
45 East Loucks, Suite 301
Sheridan, Wyoming 82801

Dear Mr. Reich:

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:	Country Club of the Big Horns
DEQ/WQD Reference Number:	82-211R
Engineering Consultant:	Roger Reich, Engineering Inc.
DEQ/WQD Review Engineer:	Rich Ruyle
Date of DEQ/WQD Review:	August 13, 1982

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:

Mr. Roger Reich
April 8, 1983
Page 2

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, and is punishable with a fine not to exceed \$10,000 for each day of violation. Unless the Water Quality Division review engineer receives information concerning the status of this project within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,



Tom Mueller
District Supervisor

TM:ls

Encl. 1

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
2161 COFFEEN AVE., SUITE 301
SHERIDAN, WYOMING 82801

PROJECT: Country Club of the Big Horns

ARCHITECT OR ENGINEER: Roger Reich
Engineering Inc. of Wyoming
45 East Loucks, Suite 301
Sheridan, Wyoming 82801

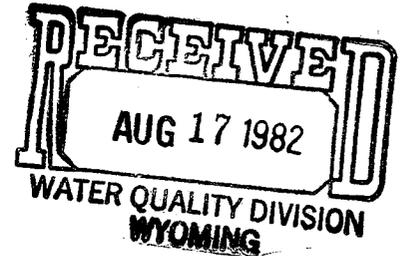
WATER QUALITY DIVISION
REFERENCE NUMBER: 82-211R

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: August 13, 1982

ACTION: Not Authorized for Construction

COMMENTS:



General

1. Three copies of all your new submittals are needed.
2. You should be aware that a Corps of Engineers 404 permit may be needed for the water and sewer crossing of the Little Tongue. You can call Mike Carnavale in Cheyenne for details (777-7081).

Wastewater Collection System

1. A few manholes are still not designated as drop MH's. These include MH 21-3, sheets 40 and 57 and MH H-4, sheet 42.
2. There are two MH ER-7's shown on sheets 31 and 32.
3. The invert elevations are still not right for MH P-3. While a drop MH is shown on sheet 47, the difference in elevation between the in and out inverts is listed as only 0.10 feet. The west invert from Karen Lane shown on sheet 44 also does not agree with what is shown on sheet 47.
4. An 8" rather than a 10" outfall line is still shown on sheet 65.

Water Distribution

1. How was the fireflow of 750 gpm chosen? Will this meet insurance requirements?
2. Calculations for water pressure during peak demand should be provided for the dead end lines on Eaton Ridge Drive (one ends at the airport). Each has a 3500 - 4000 foot run of 6" pipe contributing a headloss of 65 psi.

Lagoons

1. Gate valves should be on both sides of the transfer structures between the lagoons. This will allow the pits to be isolated for maintenance.
2. Please show the location of your monitoring wells. They should be on all sides of the lagoon unless the direction of groundwater flow can be verified.
3. The depth to groundwater should be determined to ensure that it is not higher than the lagoon bottoms.
4. Disinfection of the effluent will probably be needed to meet the effluent requirement. What plans do you have for this?
5. Some verification should be given that Frisbee Ditch can handle the maximum anticipated wastewater flow without overflowing.
6. Signs to be posted around the lagoons should be shown on the drawings.

Water Supply

1. The wells must be able to meet average daily demand with the largest producing well out of service. The 88 gpm artesian well is less than the anticipated average daily demand of 120 gpm.

Norma

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
2161 COFFEEN AVE., SUITE 301
SHERIDAN, WYOMING 82801

PROJECT: Country Club of the Big Horns Subdivision

ARCHITECT OR ENGINEER: Roger Reich
Engineering Inc. of Wyoming
45 East Loucks, Suite 301
Sheridan, Wyoming 82801

WATER QUALITY DIVISION
REFERENCE NUMBER: 82-211

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: June 10, 1982

ACTION: Not Authorized

COMMENTS:

General

- 1) Estimates of the wastewater quantity to be produced and the water supply needs should be provided as a basis of design for the water and wastewater systems. You might provide a short narrative (engineer's report) on the projected population of the development, seasonal variation, type of housing units, etc.
- 2) Complete material and construction specifications are needed for the project. I suggest referencing the Wyoming Public Works Standard specifications on the cover sheet. Included in these will be thrust block locations, water - sewer crossing details, service connection details and others.
- 3) Have you addressed the need for any auxiliary power?

Wastewater Collection System

- 1) It is difficult for me to get a feel for the overall collection system. A plan view of the entire system, showing manholes and flow direction similar to what was provided for the water system, would be very helpful.

- 2) The individual sewer line drawings are lacking information or require an explanation in a number of instances.
 - a) Slope and distance between manholes are not noted - sheets 5, 27, 49 and 72.
 - b) Several drop manholes have not been noted. I feel it would be best to label all of them - sheets 5, 21, 22, 30, 31, 40, 41, 43, 48, 49, 53, 57-61, and 64.
 - c) Rim elevations are not shown - sheets 22, 28-30, 37, and 72.
 - d) Sheet 2 - MH15 in plan view is the same as MH17 in profile.
 - e) Sheet 3 - the six inch water line intersects MH21-6.
 - f) Sheets 18 and 27 - MH BE-6, not all four of the invert elevations are shown.
 - g) Sheet 26 - no sewer is shown on Campbell Place as referred to on sheet 18.
 - h) Sheets 30 and 31 - Two MH ER-4's are shown.
 - i) Sheet 42 - .004% slopes should be 0.4%.
 - j) Sheets 44 and 47 - MH P-3 has an invert in of 24.10 on sheet 44 and an invert out of 26.62 on sheet 47.
 - k) Sheet 64 - 510 feet is listed as the distance between MH BL-1 and BL-2.
- 3) Details of the lift stations on sheets 39 and 49 are needed. An average velocity of at least 2 fps should be maintained in the force mains. Pump capacities should be given.
- 4) Calculations should be provided to verify that the hydraulic capacity of the eight inch sewer is adequate. The eight inch line on a 0.4% slope can pass about 0.5 MGD when flowing full. This amount may be exceeded if there are to be 500 some units at 100 gpcd with a peaking factor of 4.

Water Distribution System

- 1) Additional gate valves may be warranted at the following locations:
 - a) Sheet 31 - midpoint of Eaton Ridge.
 - b) Sheet 41 - Farleigh Drive just off of Bullseye Circle.

Country Club of the Big Horns Subdivision
82-211
June 10, 1982
Page Three

- 2) The ARV is not labelled on sheet 45.
- 3) It appears that a number of water lines follow fairly tight curves. Is the amount of deflection at the joints within the manufacturer's recommended limits?
- 4) I realize that pressure in the system is great enough that it needs to be reduced. However, you should provide some verification that at least 20 psi can be maintained at all points in the system during fireflow and peak demand, particularly in the long, dead-end six-inch lines.
- 5) The line from well #1 is labelled as four inch on sheet W-1 and six inch on sheet 67.

Lagoons

- 1) The lagoon capacity is probably more than adequate. However, you should still provide calculations showing your basis of design both for the pond volumes and the diffused air system. Anticipated hydraulic and organic loadings should be included.
- 2) There should be the capability to bypass any one of the cells. This is particularly important if the liner needs repair.
- 3) Some general information about the lagoon location should be provided:
 - a) Is it within $\frac{1}{4}$ mile of any habitation?
 - b) Please note any wells within $\frac{1}{2}$ mile radius.
 - c) What is the depth to groundwater and soil type in the area?
 - d) Is the lagoon in the 100 year flood plain?
 - e) It appears that the ponds are in an existing depression. Will runoff control be a problem?
- 4) I am pleased to see the use of a synthetic liner. The one drawback is that any leak will probably go undetected and I must admit groundwater contamination is a concern. Depending on the depth to groundwater, we would probably not require a leak detection system and/or monitoring wells. However, I would like to hear your thoughts on the feasibility and appropriateness of leak detection.

- 5) The operating level of the ponds and the amount of freeboard should be shown in the drawings. The invert out of 66.00 at the MH adjacent to cell #1 must be at least six inches above the operating pond level.
- 6) It appears that the effluent wet well has control over all of the pond levels. Where will the level controls be set?

I can think of no reason for independent level control for each cell in an aerated lagoon, but I must admit I have never seen a system without it. Your thoughts would be appreciated.

Multi-level drawoffs, on the other hand, have a definite advantage, I feel, particularly for the effluent. I suggest the use of these. (Draw-offs near the pond bottoms could transfer a lot of solids.)

I would also prefer to see pit transfer structures with slide gates between cells rather than just gate valves. Access to those pipes could be very important.

- 7) A high water level alarm and outside manual pump controls are needed for the wet well.
- 8) Two pumps should be in the wet well, each capable of handling the expected maximum flow. Pump capacities should be noted. It would also be wise to provide forced ventilation for the wet well.
- 9) A means of flow measurement is needed for the effluent.
- 10) There should be a construction specification provided for compaction of the dikes.

Water Wells, Storage, and Pump Stations

- 1) Was a State Engineer's permit obtained for the 500 gpm well?
- 2) Detail drawings of the wells and spring intake are needed. Will the spring have an infiltration gallery?
- 3) Are your well yields and spring yield verified or approximated? Please forward the yield results along with a water analysis of your three sources when they become available.

Country Club of the Big Horns Subdivision
82-211
June 10, 1982
Page Five

- 4) An AWWA specification should be provided for the water storage tanks. Are the plans for the 100,000 gallon storage tank and valve pit the same as the 250,000 gallon tank?
- 5) Level controls and high and low level warnings should be noted on the tank drawings.
- 6) The valve pit on sheet W-2 is not entirely clear. Sheet W-1 shows one six-inch line entering the tank and two eight-inch lines leaving it. The valve pit does not agree with this.
- 7) The anticipated water demand from the spring and the capacity of the pump house #2 pump should be noted on the plans.
- 8) You may want forced ventilation in the chlorine rooms of the pump houses.

Feel free to call me with questions and comments.

P.S. I just noticed the information on the aeration system you submitted with your preliminary plans. You can disregard my request for those calculations.

Water Quality Division
Groundwater Section
Permit Application Review

Application Number 82-211
Date submitted for review May 25, 1982
Name and location of facility Country Club of the Big Horn
Sec 18, T56N, R68W
Sheridan Co., Wyoming

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.

Signed Richard Lenny
Title Eng. Eval.
Date 5/26/82

Review Approved X
5/26/82
(Date)

Not Approved _____
AJ Mancini
(Signed)

Groundwater Control Supervisor

*Plans returned
5-27-82*

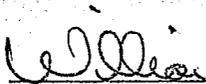
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

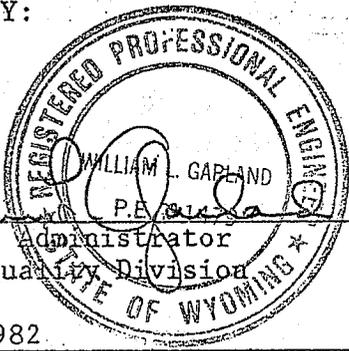
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

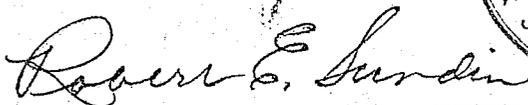
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

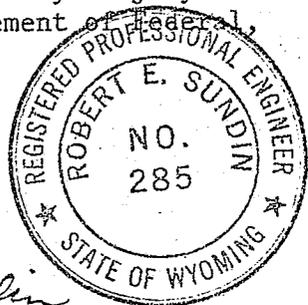


Administrator
Water Quality Division
STATE OF WYOMING





Director
Dept. of Environmental Quality



May 10, 1982

Date of Issuance

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

MRC:ch

5-20-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-214

Afton Water System Improvements
(Name of Facility)

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

Town of Afton
PO Box 387
Afton, WY 83110

to construct, install, or modify a 1,000,000 gallon concrete storage tank and associated piping and water distribution piping

facility according to the procedures and conditions of the application No. 82-214. The facility is located in

Sec. 30, 31, T32N, R118W

in the County of Lincoln,

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

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

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

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

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

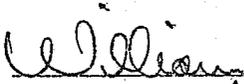
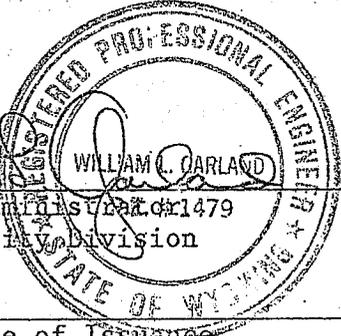
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

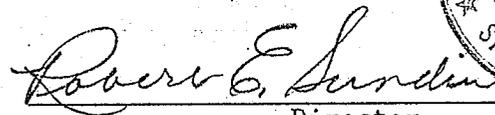
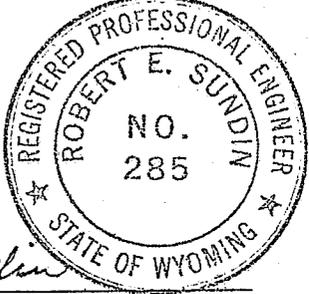
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:



 WILLIAM L. GARLAND
 Administrator 1479
 Water Quality Division
 May 7, 1982
 Date of Issuance



 Director
 Dept. of Environmental Quality

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

FL:ch

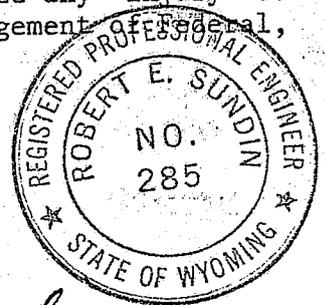
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

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AUTHORIZED BY:



William L. Garland

WILLIAM L. GARLAND
Administrator #79
Water Quality Division
STATE OF WYOMING

Robert E. Sundin

Director
Dept. of Environmental Quality

May 17, 1982

Date of Issuance

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

MRC:ch

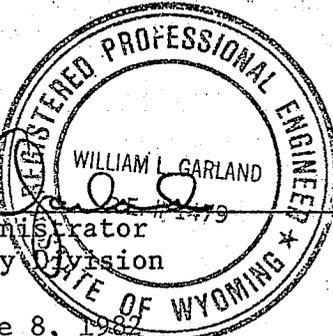
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

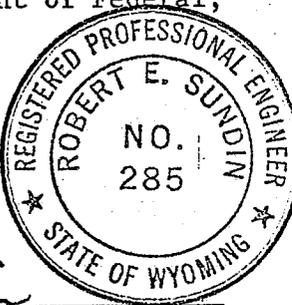
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


William L. Garland
Administrator
Water Quality Division
June 8, 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.

82-217



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

June 4, 1982

Mr. Tom Barker
Centennial Engineering
237 North Main
Sheridan, Wyoming 82801

Dear Tom,

I am returning herewith all the materials submitted for a Permit to Construct for the Bass Enterprises Disposal Pits. Current Water Quality Division policy indicates that no Permit is required for this facility.

This policy, as recently decided, does not require any Permit to Construct for pits, ponds, lagoons, etc., that will receive wastewater from only one source (i.e., treater battery). This exception applies regardless of whether the wastewater is piped or trucked to the facility. The same policy applies to reserve pits at drilling locations.

In passing, I should mention that I believe the USGS has completely different requirements for wastewater produced from leases with a federal interest. To the best of my understanding, such water must be (1) disposed of in an artificially lined evaporation pond, (2) disposed of through an NPDES discharge point, or (3) removed to a legally approved evaporation pond, injection well or other disposal facility. I am not entirely clear on these requirements, so if you have any questions, you should call USGS.

Yours truly,

Tom Mueller
Tom Mueller
District Supervisor

TM:ls

Enclosures

xc: Jake Strohman
Dick Lennox

Received
6-2-82

Water Quality Division
Groundwater Section
Permit Application Review

Application Number 82-217
Date submitted for review May 26 1982
Name and location of facility Bass Disposal Pits
Sec 15 T 47N R-74W
Campbell Co.

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.

Signed Richard J. Lennox
Title Eng Eval
Date June 1 1982

Review Approved X
6/1/82
(Date)

Not Approved _____
[Signature]
(Signed)
Groundwater Control Supervisor

5-10-82

PERMIT TO CONSTRUCT

New

Permit No. 82-218

Renewal

Modified

Outlaw Addition #2
(Name of Facility)

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

Carbon County School District #1

P.O. Box 160

Rawlins, WY 82301

to construct, install, or modify a potable water main and sanitary sewer facility according to the procedures and conditions of the application No. 82-218. The facility is located in Section 9, T21N, R87W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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.

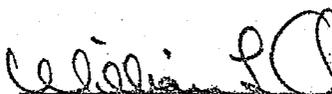
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

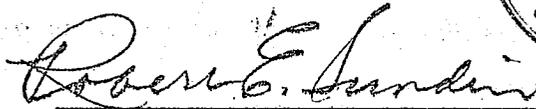
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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


Director
Dept. of Environmental Quality

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

May 6, 1982
Date of Issuance

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

cc: Rex A. Behrends
Robert Jack Smith & Assoc.
P.O. Box 1104
Rawlins, WY 82301

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-219R
SEE SPECIAL CONDITIONS

Green Valley Mobile #2
(Name of Facility)

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

L. Roy Berrett
814 South 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. 82-219R. The facility is located in Section 15, T33N, R80W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

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

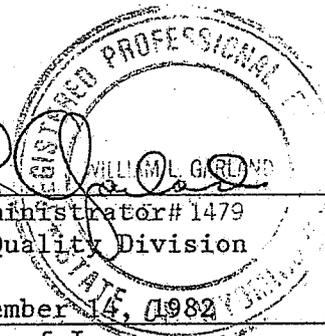
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

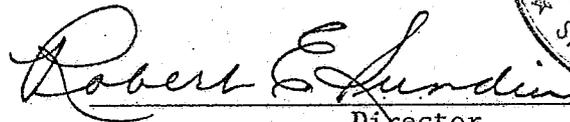
AUTHORIZED BY:



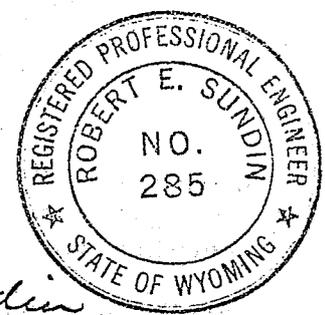
Administrator # 1479
Water Quality Division
September 14, 1982

Date of Issuance





Director
Dept. of Environmental Quality



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

cc: Richard V. Gose
Gose & Associates
P.O. Box 2722
Casper, WY 82602

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

Condition to Permit to Construct

1. The sanitary sewer in Robertson Road shall be constructed in accordance with the plan and profile shown on sheet No. 7 of the plans prepared by Civil Engineering Consultants.
2. The sanitary sewer main in Todd Ave. between manholes MHF and MHID shall have a minimum slope of 0.004 feet per foot. "As built" plans of the sewer shall be submitted to the Water Quality Division, Department of Environmental Quality.

Review of Plans and Specifications

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

PROJECT: Green Valley Mobile #2, Natrona Co.

ARCHITECT OR ENGINEER: Richard V. Gose, Gose & Assoc.
P.O. Box 2722, Casper, WY 82602

APPLICANT: L. Ray Berrett
814 So. David, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 82-219R

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

Theodore D. Coyer

DATE OF REVIEW: August 30, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Sewer length, slope and invert elevations between manholes MH (existing) and MH1, MHF-MH1D, and MH4 and MH5 are either incorrect or inconsistent from sheet to sheet.
2. We need a letter from the Brooks Water and Sewer District and the Casper Board of Public Utilities stating they will accept and treat the wastewater from this facility.

Review of Plans and Specifications

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

PROJECT: Green Valley Mobile #2, Natrona Co.

ARCHITECT OR ENGINEER: Richard V. Gose, P.E., Gose & Assoc.
P.O. Box 2722, Casper, WY 82602

APPLICANT: L. Ray Berrett
814 So. David, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 82-219

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

DATE OF REVIEW: May 5, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. We will need a letter from the Casper Board of Public Utilities stating they will accept and treat the wastewater generated from this facility.
2. I have discussed this project with Pix Howell of Brooks Water and Sewer District and there is apparently some confusion regarding the sizing of the sewer in Robertson Road. Mr. Howell indicated Brooks Water and Sewer District is requiring a 15-inch sewer be installed in Robertson Road. Although the sewer as shown on the plans is acceptable as far as meeting the minimum requirements, any size changes that may be made once the plans are authorized would require resubmission of the plans to us for review. Since this would create further delay, we ask that this be worked out with Brooks Water and Sewer District and then resubmit the plans with the changes made to reflect that agreement.
3. Design information for the sewer pipe between manholes MH and MH1D (sheet 1, Todd Avenue) is needed. The invert elevations at the manholes upstream may need to be revised.
4. The locations where the water lines cross the sewer lines should be shown on the profile sheets. The vertical separation distances should also be shown.
5. The water service pipe connection at the water line should be provided with a minimum of 5-feet of cover (see detail sheet).
6. A detail of the blow off in Todd Circle should be shown.
7. You indicated the City of Casper standard specification apply. More appropriately the Casper Board of Public Utilities 1981 Standard Specification should be indicated. Also, will you be using both the water and sewer specifications.?

PERMIT TO CONSTRUCT

New

Permit No. 82-220

Renewal

Modified

Little Snake Diversion Pipeline Sediment Retention Ponds
(Name of Facility)

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

City of Cheyenne

Board of Public Utilities

2100 Pioneer Ave.

Cheyenne, WY 82001

to construct, install, or modify a municipal sediment retention ponds facility according to the procedures and conditions of the application No. 82-220. The facility is located in (see attached) in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

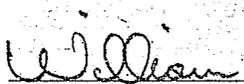
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

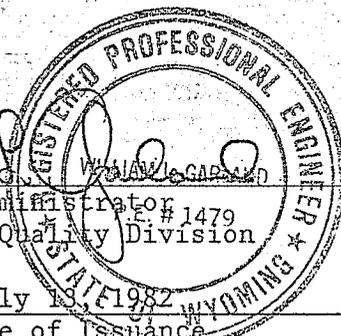
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:

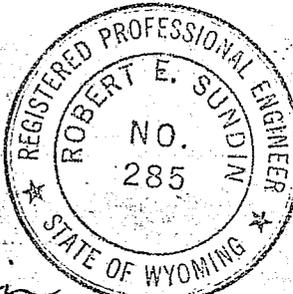


Administrator #1479
Water Quality Division
July 1, 1982
Date of Issuance





Director
Dept. of Environmental Quality



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

cc: Timothy R. Conner
Banner Associates, Inc.
P.O. Box 550
Laramie, WY 82070

<u>Name</u>	<u>Quarter</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
Daisey Creek	SE $\frac{1}{4}$	4	12N	85W
Gage Creek	SW $\frac{1}{4}$	3	12N	85W
Columbine Creek	NW $\frac{1}{4}$	3	12N	85W
S. Fk. Green Timber Ck.	NW $\frac{1}{4}$	3	12N	85W
Station 168+75	NE $\frac{1}{4}$	32	13N	85W
Station 268+67	NE $\frac{1}{4}$	31	13N	85W
Middle Fk., Deadline Ck.	NW $\frac{1}{4}$	31	13N	85W
Deadline Ck.	SE $\frac{1}{4}$	25	13N	86W
Station 376+85	SE $\frac{1}{4}$	25	13N	86W
N. Fk. Deadline Ck.	SE $\frac{1}{4}$	25	13N	86W
S. Br. Rabbit Ck.	NE $\frac{1}{4}$	25	13N	86W
Station 550+55	SE $\frac{1}{4}$	24	13N	86W
Station 59+35	NW $\frac{1}{4}$	27	13N	85W
Station 67+40	NW $\frac{1}{4}$	27	13N	85W
Second Creek	NE $\frac{1}{4}$	28	13N	85W
First Creek	SE $\frac{1}{4}$	28	13N	85W
Needle Creek	NW $\frac{1}{4}$	34	13N	85W
Henry Creek	SW $\frac{1}{4}$	34	13N	85W
Deadman Creek	SW $\frac{1}{4}$	23	13N	85W
Rabbit Creek	NE $\frac{1}{4}$	25	13N	86W
West Branch	NE $\frac{1}{4}$	24	13N	86W
Standard Creek	SE $\frac{1}{4}$	24	13N	86W
North Fork	NW $\frac{1}{4}$	26	13N	85W
E. Br. Solomon Ck.	NW $\frac{1}{4}$	32	13N	85W
Harrison Creek	NE $\frac{1}{4}$	32	13N	85W
Third Creek	NW $\frac{1}{4}$	27	13N	85W
Rose Creek	NW $\frac{1}{4}$	16	12N	85W
N. Fk. Green Timber	SE $\frac{1}{4}$	34	13N	85W
W. Br. Solomon Ck.	NE $\frac{1}{4}$	31	13N	85W
Ted Creek	NE $\frac{1}{4}$	27	13N	85W
Station 218+00	NW $\frac{1}{4}$	16	12N	85W
Violet Draw	SW $\frac{1}{4}$	9	12N	85W
Station 127+00	NE $\frac{1}{4}$	9	12N	85W
Orchid Draw	NE $\frac{1}{4}$	9	12N	85W
Station 156+50	NE $\frac{1}{4}$	9	12N	85W

*Note: All areas are in Carbon County.

7-22-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-221
SEE SPECIAL CONDITION

Hog Park Dam Topsoil Stock Pile Stormwater Runoff Pond
(Name of Facility)

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

City of Cheyenne

Board of Public Utilities

2100 Pioneer Ave.

Cheyenne, WY 82001

to construct, install, or modify a municipal sediment retention pond facility according to the procedures and conditions of the application No. 82-221. The facility is located in Section 16, T12N, R84W 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.

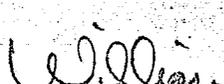
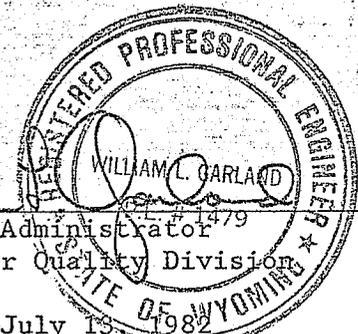
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

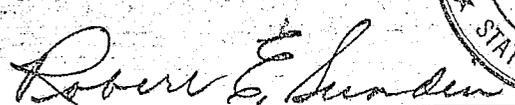
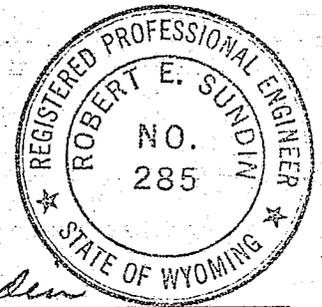
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 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
July 13, 1982
Date of Issuance



Director
Dept. of Environmental Quality

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

cc: Timothy R. Conner
Banner Associates, Inc.
P.O. Box 550
Laramie, WY 82070

Condition to Permit to Construct

Following a precipitation event, the sediment retention pond shall be dewatered as soon as the effluent discharge permit parameters can be met.

7-22-82

PERMIT TO CONSTRUCT

Permit No. 82-222
SEE SPECIAL CONDITIONS

- New
- Renewal
- Modified

Hog Park Dam Borrow Pit Sediment Retention Pond
(Name of Facility)

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

City of Cheyenne

Board of Public Utilities

2100 Pioneer Ave.

Cheyenne, WY 82001

to construct, install, or modify a municipal sediment retention pond facility according to the procedures and conditions of the application No. 82-222. The facility is located in Section 16, T12N, R84W 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.

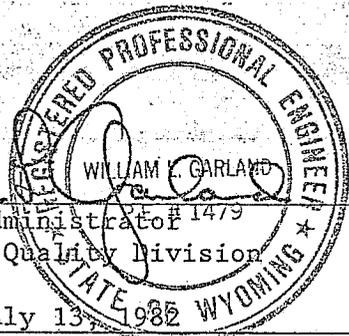
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

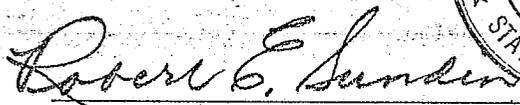
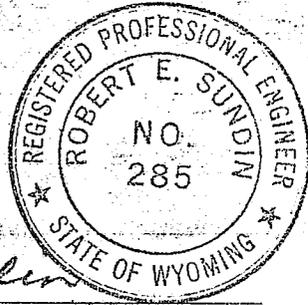
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Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



Administrator # 1479
Water Quality Division
July 13, 1982
Date of Issuance



Director
Dept. of Environmental Quality

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

cc: Timothy R. Conner
Banner Associates, Inc.
P.O. Box 550
Laramie, WY 82070

Conditions to Permit to Construct

1. Following a precipitation event, the sediment retention pond shall be dewatered as soon as the effluent discharge permit parameters can be met.
2. The sediment retention pond shall not contain any groundwater that may be encountered during construction.

7-22-82

PERMIT TO CONSTRUCT

New

Permit No. 82-223

Renewal

Modified

Hog Park Plunge Pool
(Name of Facility)

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

City of Cheyenne

Board of Public Utilities

2100 Pioneer Ave.

Cheyenne, WY 82001

to construct, install, or modify a municipal sediment retention pond facility according to the procedures and conditions of the application No. 82-223. The facility is located in Section 6, T12N, R84W in the County of Carbon, in the State of Wyoming.

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

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

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

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

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

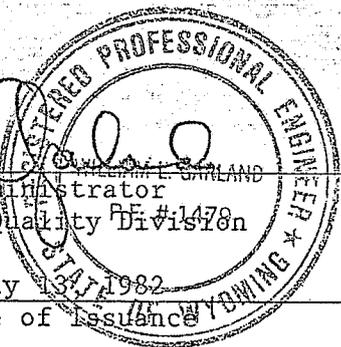
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

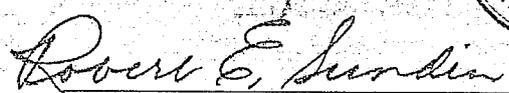
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

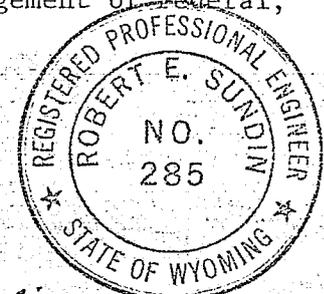
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


Administrator
Water Quality Division
PE # 1478
July 13, 1982
Date of Issuance




Director
Dept. of Environmental Quality



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

cc: Timothy R. Conner
Banner Associates, Inc.
P.O. Box 550
Laramie, WY 82070

PERMIT TO CONSTRUCT

New

Permit No. 82-224

Renewal

Modified

Rob Roy Plunge Pool
(Name of Facility)

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

City of Cheyenne

Board of Public Utilities

2100 Pioneer Ave.

Cheyenne, WY 82001

to construct, install, or modify a municipal sediment retention pond facility according to the procedures and conditions of the application No. 82-224. The facility is located in Section 9 and 10, T14N, R79W 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.

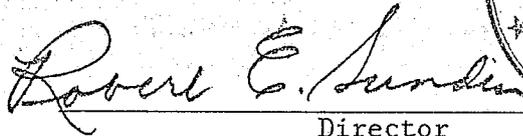
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 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
PE #1478
Administrator
Water Quality Division
STATE OF WYOMING
REGISTERED PROFESSIONAL ENGINEER


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

July 13, 1982
Date of Issuance

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

cc: Timothy R. Conner
Banner Associates, Inc.
P.O. Box 550
Laramie, WY 82070

5-20-87

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-225

Pacific Power & Light Co. Extension to Jim Bridger Pump Station
(Name of Facility)

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

Pacific Power & Light Co.
920 S.W. Sixth Ave.
Portland, OR 97204

to construct, install, or modify a six inch water main extension

facility according to the procedures and conditions of the application No. 82-225. The facility is located in

Sec. 15, T15N, R107W

in the County of Sweetwater,

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

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

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

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

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

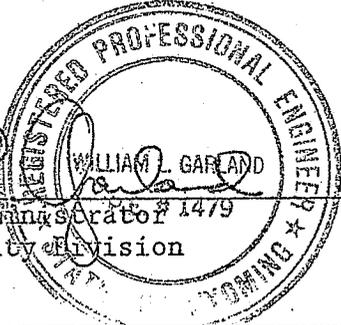
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

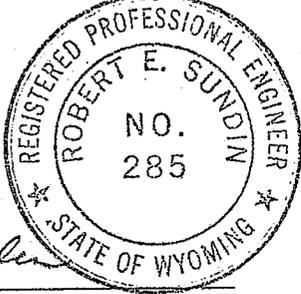
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


William L. Garland
William L. Garland
Administrator # 1479
Water Quality Division


Robert E. Sundin
Director
Dept. of Environmental Quality

May 7, 1982
Date of Issuance

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

FL:ch

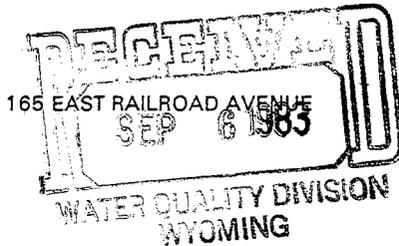


Department of Environmental Quality

Water Quality Division

GREEN RIVER, WYOMING 82935

TELEPHONE 307 875-5911



September 2, 1983

Sam Hall & Wayne Halland
2254 Moore Street
Suite 102B
San Diego, CA 92110

Dear Sirs:

As per a telephone conversation with Mr. Kenneth Walker, Uinta Engineering and Surveying on this date, we are withdrawing your plans for the Windmere Sub-division, Water Quality Division reference #82-226.

Should you desire to permit this system in the future, you will need to resubmit your application.

Included with this letter are two of the three sets of plans originally submitted. The third set is being kept in our office for record purposes.

Sincerely,

Albert J. Berreth
Albert J. Berreth
Area III Supervisor

AJB:mpm

cc: Kenneth Walker
DEQ/WQD-Cheyenne, Norma
File

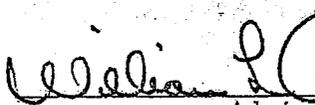
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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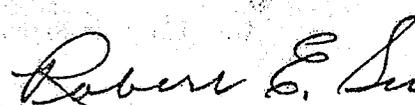
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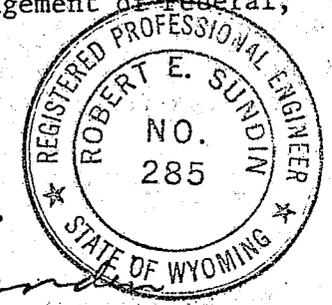
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


Administrator P.E. # 1479
Water Quality Division
May 17, 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

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

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

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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. Garrison

 WILLIAM D. GARRISON
 Administrator #1479
 Water Quality Division
 June 25, 1982

 Date of Issuance

Robert E. Sundin

 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.

xc: ARIX
 Attn: Clay McAlpine
 609 East Madison
 Riverton, WY 82501

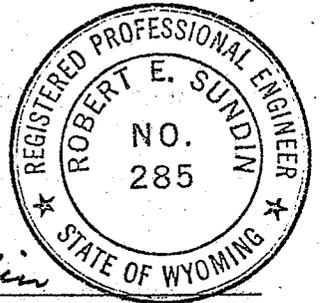
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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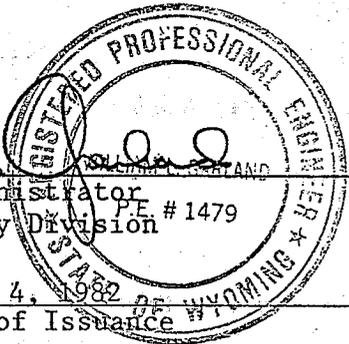
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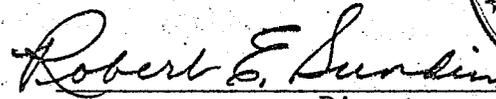
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AUTHORIZED BY:




Administrator
Water Quality Division PE # 1479
June 4, 1982
Date of Issuance

A circular seal for a Registered Professional Engineer. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF WYOMING" at the bottom, separated by two stars. The inner circle contains the name "WILLIAM J. [unclear]" and the number "PE # 1479".


Director
Dept. of Environmental Quality

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

CONDITION

Although the location of the permitted facility is not within the Approximate Service Area of the regional sewage treatment facility identified in the Gillette Non-Metro Facilities Plan, if gravity sewer service to the regional facility ever becomes available to the Gambles Furniture building, the facility permitted by this permit shall be abandoned, and connection shall be made from said building to such sewer.

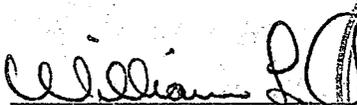
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

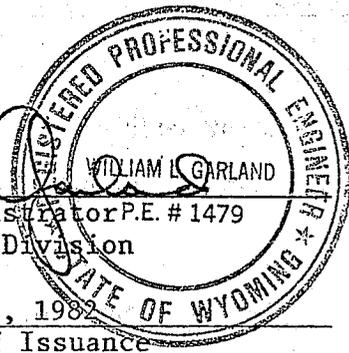
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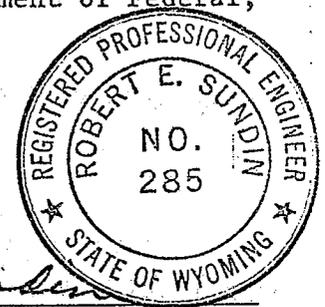
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator P.E. # 1479
Water Quality Division
June 4, 1982
Date of Issuance




Director
Dept. of Environmental Quality



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

CONDITION

Although the location of the permitted facility is not within the Approximate Service Area of the regional sewage treatment facility identified in the Gillette Non-Metro Facilities Plan, if gravity sewer service to the regional facility ever becomes available to the Carroll's Trailerland building, the facility permitted by this permit shall be abandoned, and connection shall be made from said building to such sewer.

xc: Wayne Haug
P.O. Box 2848
Gillette, WY 82716



Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

May 12, 1982

Town of Pavillion
c/o Clifford Stickney
PO Box 15
Pavillion, WY 82523

RE: Installation of a Public Water Supply
Well-Pavillion DEQ #82-231

Dear Sir:

In regard to our approval of your application for the aforementioned extensions, we would like to offer the following comments for your consideration.

Based on the submitted plans and specifications by Wind River Engineers and the satisfactory bacteriological samples, the constructed water well should help serve the needs of the community and thus is acceptable to our Department. A "Permit to Construct" will not be sent because the facility has already been built.

It is recommended that citizens on low-sodium diets be advised of the high concentrations of sodium found in this water source. The American Heart Association has recommended a maximum concentration of 20 mg/l which is roughly 1/10 of the concentrations reported in the submitted chemical analyses for this well.

From an individual homeowner's viewpoint, the sodium concentration in the drinking water can be reduced by using a distillation process, a reverse osmosis process or by utilizing a reverse zeolite softener in which sodium is exchanged with hardness at a 2:1 ratio. Short of utilizing a new water source, having the low-sodium-diet patient reduce his sodium intake on an individual basis is a more feasible approach than requiring the City to incorporate these aforementioned processes on a community-wide basis.

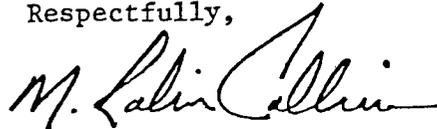
As a general reminder, construction of a wastewater system or a public water supply without a "Permit to Construct" from this Department is a violation of Section 35-11-301,

Town of Pavillion
May 12, 1982
Page 2

part 3 and 5, of the Wyoming Environmental Quality Act as amended. If this practice continues in the future, this office will recommend that legal action be initiated against the violators.

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

Respectfully,



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

MRC:ch

cc: Wind River Engineers, Riverton
Fremont County Planner
Dept. Health & Social Services, Worland
DEQ/WQD Cheyenne
File (4)

PERMIT TO CONSTRUCT

New

Permit No. 82-233

Renewal

Modified

Wisconsin Street
(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 municipal water line extension facility according to the procedures and conditions of the application No. 82-233. The facility is located in Wisconsin Street, Section 11, 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.

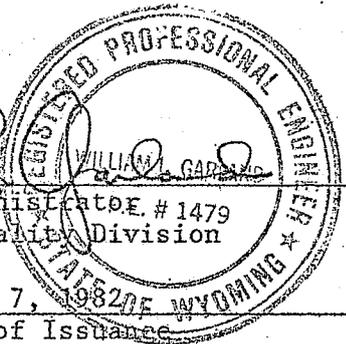
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

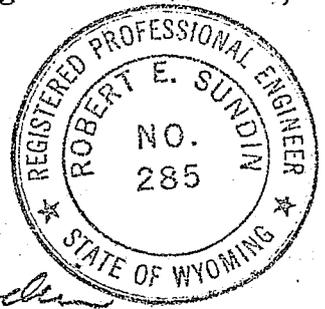
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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. Garsing
Adminis. Cont. # 1479
Water Quality Division
May 7, 1982
Date of Issuance


Robert E. Sunden
Director
Dept. of Environmental Quality

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

cc: Jack Carlson
Casper Engineering Dept.
200 N. David
Casper, WY 82601

5-17-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-234

Nebraska Street
(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 a municipal water and sewer extension facility according to the procedures and conditions of the application No. 82-234. The facility is located in Nebraska St., Section 11, 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.

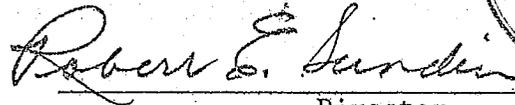
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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AUTHORIZED BY:


WILLIAM L. GARLAND
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING
Administrator
Water Quality Division
May 7, 1982
Date of Issuance


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

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

cc: Jack Carlson
Casper Engineering Dept.
200 N. David
Casper, WY 82601

5-17-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-235
SEE SPECIAL CONDITION

N. L. Shaffer
(Name of Facility)

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

Buss Plumbing

P.O. Box 1266

Casper, WY 82602

to construct, install, or modify a two subsurface wastewater disposal facility according to the procedures and conditions of the application No. 82-235. 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.

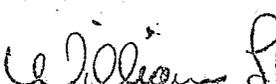
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

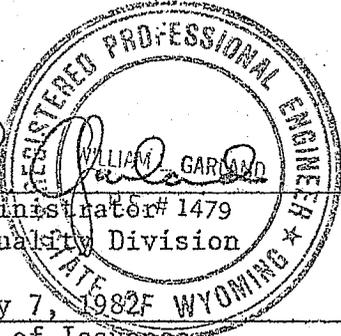
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 30, Sheridan, Wyoming 82801; telephone, 672-6457.

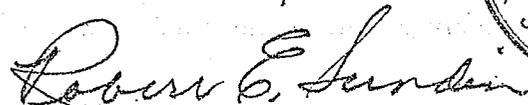
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

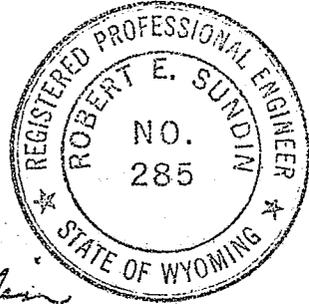
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM GARLAND
Administrator # 1479
Water Quality Division
May 7, 1982
Date of Issuance




Director
Dept. of Environmental Quality



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

cc: Ed S. Rate
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.

5-17-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-236
SEE SPECIAL CONDITION

Oil and Gas Conservation Commission Building
(Name of Facility)

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

Casper Board of Public Utilities

200 N. David Street

Casper, WY 82601

to construct, install, or modify a potable water main and sanitary sewer facility according to the procedures and conditions of the application No. 82-236. The facility is located in Section 9, T35N, 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.

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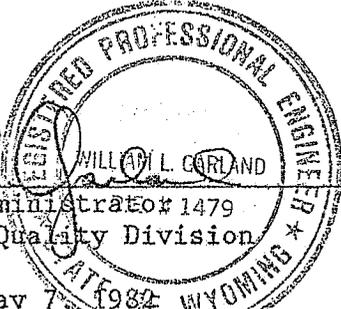
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

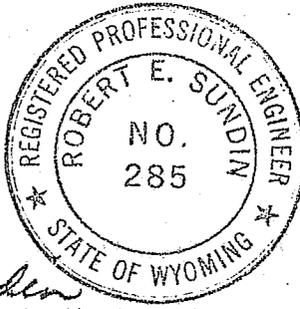
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Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:


William L. Garland
WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
May 7, 1984
Date of Issuance


Robert E. Sunden
Director
Dept. of Environmental Quality

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

cc: James M. Christensen
Henry Therkildsen, AIA
1915 Oxford Lane
Casper, WY 82601

Condition to Permit to Construct

Manholes shall be placed in the sewer line as shown on sheet #1.

7-19-82



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 13, 1982

Charles W. Farmer, Petroleum Engineer
Oil and Gas Conservation Commission
123 South Durbin
P.O. Box 2640
Casper, WY 82602

RE: Permit to Construct No. 82-236

Dear Mr. Farmer:

Your request for a deletion of the "Special Condition" on your construction permit which requires manholes be constructed in the sewer service pipe which will serve the new Oil and Gas Conservation Commission building is hereby authorized. However, the service pipe must be installed in accordance with the requirements of a nationally recognized plumbing code such as the "Uniform Plumbing Code".

If you have any questions about this, please feel free to contact our office.

Very truly yours,

William L. Garland
William L. Garland
Administrator

WLG/TDC/nc

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

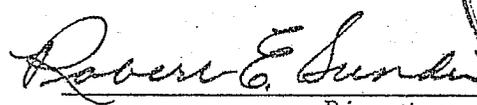
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AUTHORIZED BY:


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

xc: Keith A. Neustel
Plains Engineering
P.O. Box 432
Buffalo, WY 82834

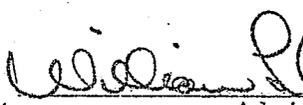
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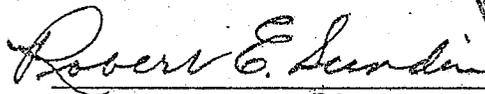
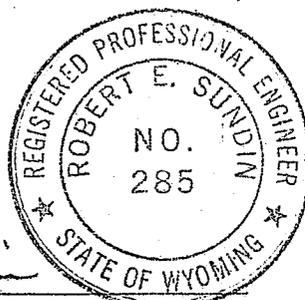
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AUTHORIZED BY:



Administrator # 1479
Water Quality Division
June 2, 1982
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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Plains Engineering
P.O. Box 432
Buffalo, WY 82834

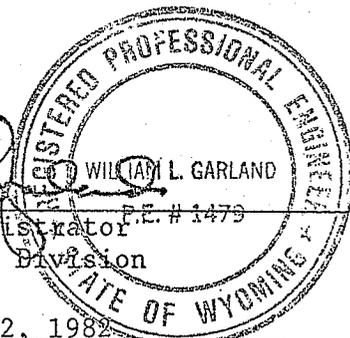
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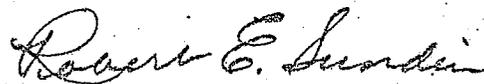
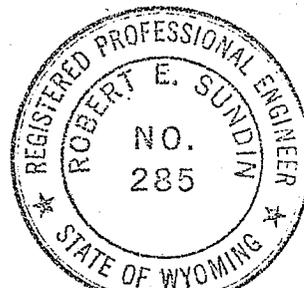
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AUTHORIZED BY:


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



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


June 2, 1982
Date of Issuance

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

xc: Keith A. Neustel
Plains Engineering
P.O. Box 432
Buffalo, WY 82834

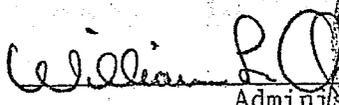
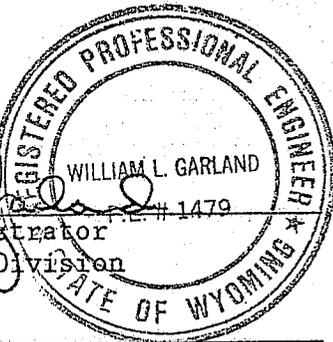
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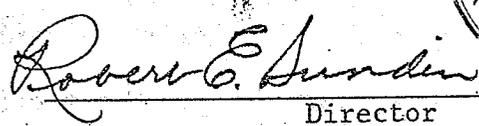
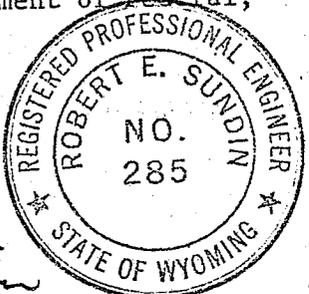
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


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



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


May 26, 1982
Date of Issuance

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

****CONDITIONS OF PERMIT****

1. The permittee should make every effort to install water saving devices in order to reduce the overall wastewater flow. Replacement of all water fixtures should take this into account.
2. The permittee shall contact Joseph A. Chalfant, County Sanitarian, and obtain an inspection of the elevated field prior to final covering.

AJB:ch

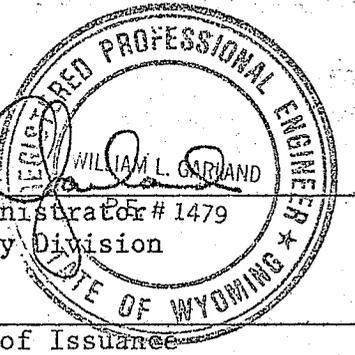
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

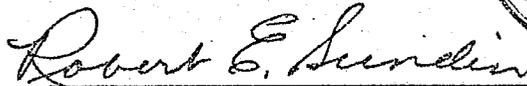
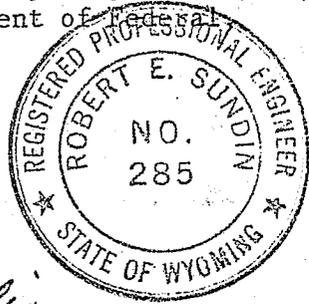
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The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal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

AUTHORIZED BY:



Administrator # 1479
Water Quality Division
May 13, 1982
Date of Issuance



Director
Dept. of Environmental Quality

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

MRC:ch

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 82-242

Sixth Street Sewer Line in Mountain View
(Name of Facility)

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

Town of Mountain View

PO Box 249

Mountain View, WY 82939

to construct, install, or modify a + 2794 feet of eight inch sewer line

facility according to the procedures and conditions of the

application No. 82-242. The facility is located in

Sec. 14, T15N, R115W

in the County of Uinta,

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

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

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

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

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

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

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

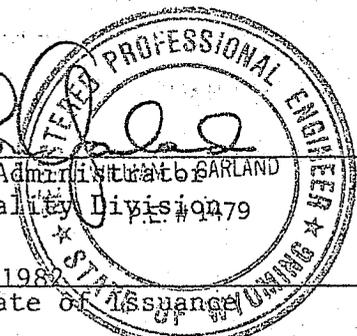
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

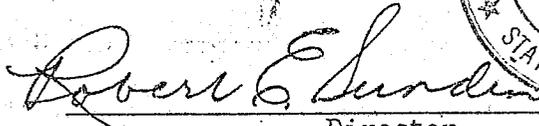
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

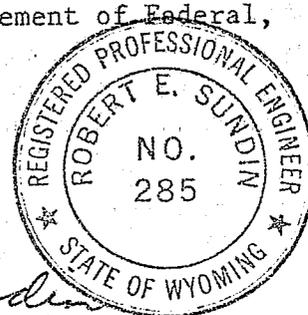


Admin. Unit # 6 BARLAND
Water Quality Division # 1079
May 18, 1982
Date of Issuance





Director
Dept. of Environmental Quality



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

FL:ch

5-27-82



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

May 26, 1982

Casper Board of Public Utilities
200 North David Street
Casper, WY 82601

RE: Water and Sewer Main - Standard Specifications, Water Quality Ref. No.
82-243

Gentlemen:

We have completed our review of the "Standard Sanitary Sewer Specifications" and "Standard Water Specifications" for the Casper Board of Public Utilities and find that they meet minimum State standards with the following exception:

The Board of Public Utilities is responsible for controlling the discharge from water main flushing operations in a manner such that the chlorinated water will not adversely impact aquatic life.

Any further additions or deletions to these standard specifications will require review by this Division to ensure continued compliance with State standards.

Very truly yours,

Theodore D. Coyer, P.E.
Engineering Evaluator

TDC/nc

6-4-82

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 82-244
Ref. No. 81-357RR
SEE SPECIAL CONDITION

Elkhorn Valley Partnership (Quadrant Development Co.)
Mobile Home Park Outfall Sewer Line
(Name of Facility)

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

Elkhorn Valley Partnership (Quadrant Development Co.)

621 West Diamond Blvd.

Anchorage, AK 99502

to construct, install, or modify a municipal wastewater collection system facility according to the procedures and conditions of the application No. 82-244. The facility is located in Section 6, T33N, R78W 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.

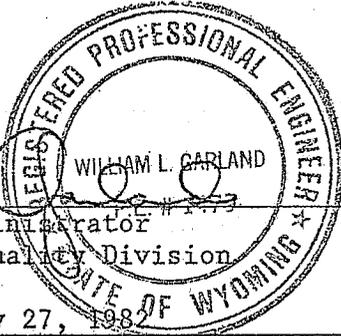
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

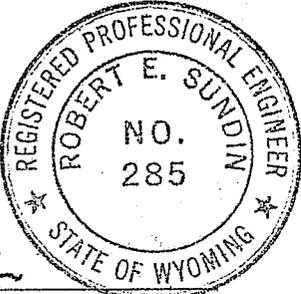
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 L. Garland
Administrator
Water Quality Division
STATE OF WYOMING
May 27, 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.

cc: Duane Fehringer
Western Engineers
501 North Sun Drive
Casper, WY 82601

Condition to Permit to Construct

The applicant shall maintain a minimum sewer line slope of 0.40 feet/100 feet from Station 11+48 through Station 12+61 to Station 14+40 (under the Chicago Northwestern Railroad and Highway 20/26/87). A revised page 3/3 of the proposed construction plans shall be provided to the Water Quality Division to reflect this change.

7-7-82



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 6, 1982

Mr. Duane Fehringer
Western Engineers-Architects
501 North Sun Drive
Casper, WY 82609

RE: DEQ/WQD Permit to Construct No. 82-244, Quadrant Development Company
MHP, Natrona Co.

Dear Mr. Fehringer:

Enclosed is the authorized Sheet 3/3 of the referenced project construction plans. Please attach your copy to Sheets 1 & 2, and dispose of the original Sheet 3/3. Completion of this task will fulfill the conditional portion of the Permit to Construct.

Sincerely,

LeRoy C. Feusner, P.E.
Southeast District Supervisor

LCF/nc

5-20-82

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 82-245
SEE SPECIAL CONDITION

Casper College Vocational Education Facility
(Name of Facility)

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

Casper College
125 College Drive
Casper, WY 82601

to construct, install, or modify a potable water main facility according to the procedures and conditions of the application No. 82-245. The facility is located in Section 16, 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.

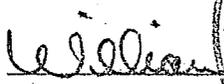
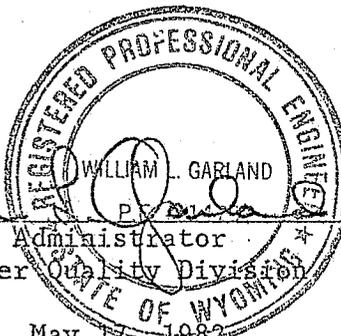
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

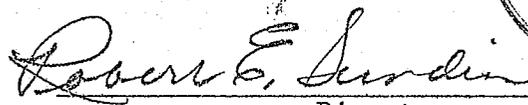
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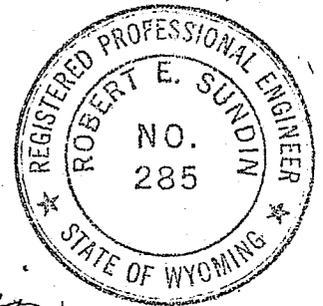
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AUTHORIZED BY:



WILLIAM L. GARLAND
Administrator
Water Quality Division
STATE OF WYOMING
May 17, 1982
Date of Issuance


Director
Dept. of Environmental Quality



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

cc: Harry Patterson
Patterson Weber & Associates
437 South Spruce
Casper, WY 82601

Conditions to Permit to Construct

This permit does not apply to the sanitary sewer for this building. Plans for the sewer must be authorized by this Division however.

2-7-84

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 6, 1984

Don Sable
Sable & Sable Construction
P.O. Box 1778
Mills, WY 82644

Dear Mr. Sable:

On January 4, 1983, a status letter was sent to you concerning a permit to construct, reference number 82-246, facility name Butch Cassidy's Hickory Smoked BBQ. 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

cc: Robert Kumpe, Kumpe & Assoc., 138 S. Kimball, Suite 200, Casper, WY 82601
Nix Anderson, Natrona Co. Health Dept., 1200 E. 3rd, Casper, WY 82601-2990

1-12-83



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 4, 1983

CERTIFIED

Don Sable
Sable & Sable Construction
P. O. Box 1778
Mills, WY 82644

Dear Mr. Sable:

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: Butch Cassidy's Hickory Smoked B-B-Q
DEQ/WQD Reference Number: 82-246
Engineering Consultant: Robert Kumpe
DEQ/WQD Reviewing Engineer: Thomas S. Norman
Date of DEQ/WQD Review: May 27, 1982

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 wastewater system or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes, and is punishable with a fine not to exceed \$10,000 for each day of violation. Unless the Water Quality Division 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: Robert Kumpe
Kumpe and Associates
138 South Kimball #200
Casper, WY 82601

7-16-82

Review of Plans and Specifications

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

PROJECT: Butch Cassidy's Hickory Smoked Bar-B-Q, Natrona Co.

ARCHITECT OR ENGINEER: Robert L. Kumpe, Kumpe & Associates
138 S. Kimball, Suite 200, Casper, WY 82601

APPLICANT: Donald Sable, II, Sable & Sable Construction
P.O. Box 1778, Mills, WY 82644

WATER QUALITY DIVISION REFERENCE NUMBER: 82-246R

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

DATE OF REVIEW: July 15, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The grease trap is inadequately sized. The "EPA Design Manual" (625/1-80-012) proposes the following equation for sizing grease traps (page 323):

$$D \times GL \times ST \times \frac{HR}{2} \times LF = \text{Grease trap size}$$

Where:

D = number of dining seats
GL = gallons of wastewater per meal
ST = storage factor
HR = number of hours open
LF = loading factor

Your proposed grease trap (using this design equation) would handle less than 10 dining seats. Also the minimum recommended size is 750 gallons for a grease trap.

2. With the information provided, a groundwater mounding analysis was performed based on the work of Hantush. The results indicated that a five foot mound would occur above the clay layer. Literature states that at least a three foot separation of unsaturated soil shall be maintained between the high water level (the mound) and the bottom of the drain stone. Therefore, an eight foot separation is needed between the clay layer and the bottom of the drain stone. Your proposed system is unacceptable as this condition is not met.
3. There are four wells in the north half of Section 29 which are less than 25 feet deep and are used for domestic purposes. This indicates that there is an upper aquifer that is suitable for domestic use and must be protected according to Chapter VIII of the Water Quality Rules and Regulations. Without further information, we have to assume this aquifer extends to the proposed project and must be protected accordingly.

Review of Plans and Specifications

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

PROJECT: Butch Cassidy's Hickory Smoked Bar-B-Q, Natrona Co.

ARCHITECT OR ENGINEER: Robert L. Kumpe, Kumpe & Assoc.
138 S. Kimball, Suite 200, Casper, WY 82601

APPLICANT: Donald Sable, II, Sable & Sable Construction
P.O. Box 1778, Mills, WY 82644

WATER QUALITY DIVISION REFERENCE NUMBER: 82-246

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

DATE OF REVIEW: May 27, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Design data was not provided for the grease trap, septic tank, or the drainfield.
2. No details were provided on the grease trap.
3. Ground slope was not indicated.
4. The proposed system does not meet the minimum separation distance between bottom of drainfield to impervious layer (heavy clay) of four foot. It is also unusual that a perched water table was not found above the clay layer. This system should also be analyzed for groundwater mounding beneath the drainfield because of the high flow rates and the closeness to the clay layer.
5. The WQD Groundwater Section (Mic Brenoel) has reviewed this project and he has concern over the protection of groundwater in the area as there are numerous domestic wells in the north half of Section 29, T34N, R79W that are only 20-30 foot deep. How does the applicant plan to protect these water supplies? What is the quality of the water on the applicant's lot? What is the direction of groundwater flow?

PERMIT TO CONSTRUCT

New

Permit No. 82-247R

Renewal

Modified

Village Gardens
(Name of Facility)

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

Village Gardens Limited Partnership

222 West "B" Street

Casper, WY 82602

to construct, install, or modify a sewage collection and potable water distribution systems facility according to the procedures and conditions of the application No. 82-247R. The facility is located in Section 15, T33N, R79W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

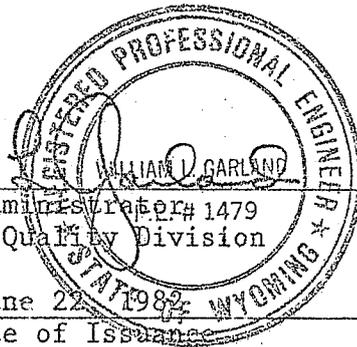
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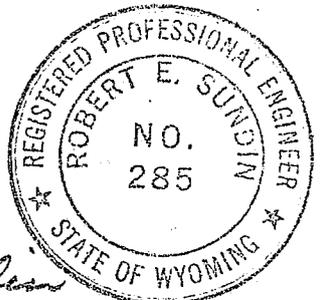
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:



Administrator # 1479
Water Quality Division
June 22, 1982
Date of Issuance



Director
Dept. of Environmental Quality

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

cc: Harry Patterson
Patterson, Weber & Associates
437 S. Spruce
Casper, WY 82601

5-18-82

Review of Plans and Specifications

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

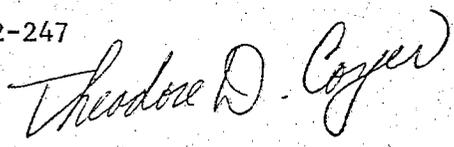
PROJECT: Village Gardens, Natrona Co.

ARCHITECT OR ENGINEER: Harry Patterson & Duane Weber
437 So. Spruce, Casper, WY 82601

APPLICANT: Village Gardens Limited, Partnership
222 W "B" St., Casper, WY 82602

WATER QUALITY DIVISION REFERENCE NUMBER: 82-247

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



DATE OF REVIEW: May 14, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Profiles of the sanitary sewer mains must be provided. They should show grades, cover, sizes and slopes.

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

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

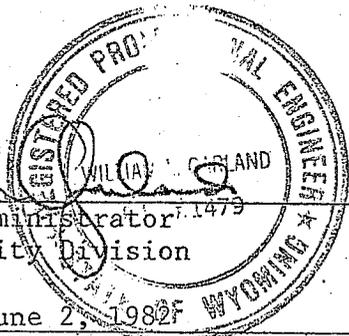
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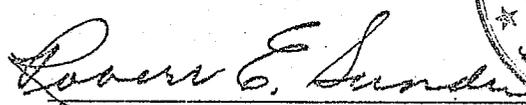
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

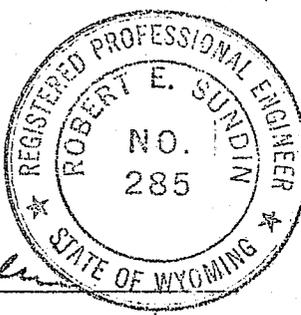


Administrator
Water Quality Division
June 2, 1982
Date of Issuance





Director
Dept. of Environmental Quality



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

CONDITIONS

1. No fluid or waste, except wastewater generated as a result of crude oil production operations, shall be introduced into this system.
2. Under no circumstances shall there be any discharge of the contents of this system to any Waters of the State, unless prior approval has been obtained from the appropriate authority.
3. When there is fluid in the evaporation pond, the drains along the south dike shall be inspected by the permittee at a frequency of not less than one inspection per calendar week. The permittee shall maintain records indicating when, by whom, and the results of all inspections. In the event that fluid is observed to be flowing from any of these drains, the permittee shall immediately (1) notify the Water Quality Division, (2) sample the fluid and analyze it for Oil and Grease, Total Dissolved Solids, Chloride and Sulfate, (3) notify the Water Quality Division of the results of such analyses, and (4) if such analyses indicate a leak from the pond, take any and all actions necessary to repair the pond liner and/or eliminate the leak.

xc: Bruce Yates, HKM

Manna
Return
to
Stevenson
6-11-82

Water Quality Division
Groundwater Section
Permit Application Review

Application Number 82-248

Date submitted for review 6-3-82

Name and location of facility SIR WATER DISPOSAL TANK
PO. Box 1746 Gillette WY 82401
Sec 32 T 49 N R 71 W
Campbell Co.

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.

*NOTE: FOUNDING CASE NOT RECD - LINDER TO BE
INSTALLED WITH DRAIN SYSTEM.*

Signed *Richard Lenny*
Title *Eng Eval*
Date *6-11-82*

Review Approved *X*
June 11, 1982
(Date)

Not Approved _____
AJ Mancini
(Signed)
Groundwater Control Supervisor

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.

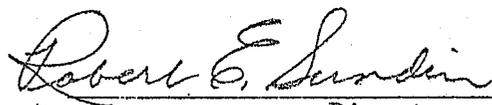
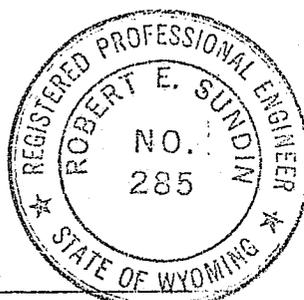
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AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator
Water Quality Division
STATE OF WYOMING
June 30, 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.

CONDITIONS

1. Before installation of the "Sleepy Hollow" equipment at the Fox Park treatment plant site, all applicable items noted under DEFECTS on the inspection report filed by Rich Ruyle and Loren Leichtnam, dated June 3, 1982 (copy attached), shall be addressed, and appropriate repairs made.
2. All conditions of permit 77-307RR (copy attached) shall remain in full effect.

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

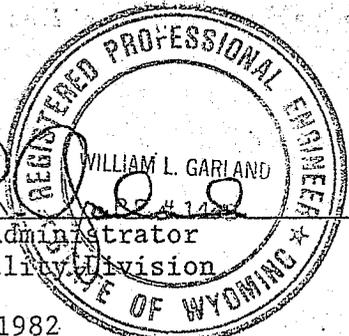
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

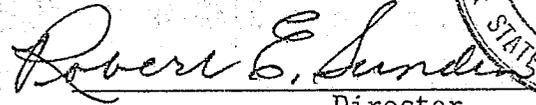
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

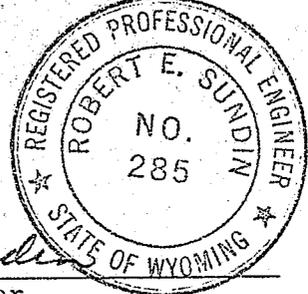
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator
Water Quality Division
May 18, 1982
Date of Issuance




Director
Dept. of Environmental Quality



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

JCH:ch