

81-851

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 81-851

Medicine Bow Sewer Extension  
(Name of Facility)

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

Town of Medicine Bow

P.O. Box 156

Medicine Bow, WY 82329

to construct, install, or modify a municipal wastewater collection system with one lift station facility according to the procedures and conditions of the application No. 81-851. The facility is located in Section 8, T22N, R78W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

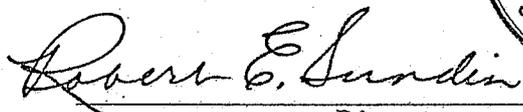
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

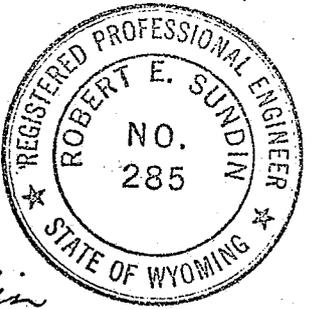
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
STATE OF WYOMING  
November 19, 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.

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

12-4-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-852

Cheyenne Family YMCA  
(Name of Facility)

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

YMCA

1426 E. Lincolnway

Cheyenne, WY 82001

to construct, install, or modify a water main extension facility according to the procedures and conditions of the application No. 81-852. The facility is located in 1426 E. Lincolnway, Section 32, T14N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

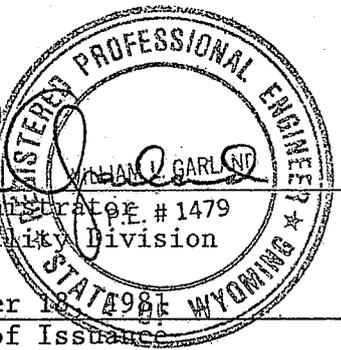
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

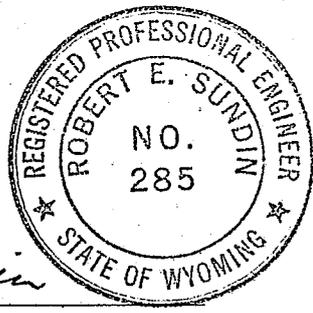
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
*William V. Garland*  
Administrator, # 1479  
Water Quality Division  
November 18, 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.

cc: John Parks  
McFall - Konkel & Kimball  
3001 Henderson Dr., Suite M  
Cheyenne, WY 82001



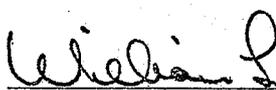
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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.

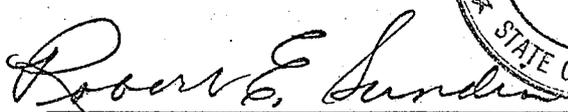
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

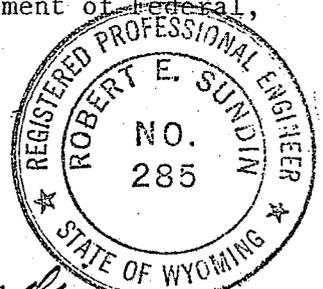
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
P.E. # 1479  
December 1981  
Date of Issuance



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



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

xc: Floyd A. Bishop  
Banner Associates, Inc.  
P.O. Box 53  
Cheyenne, WY 82001

10-11-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-854R

Bingo Truck Stop  
(Name of Facility)

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

Tetum Inc.

P.O. Box 449

Provo, UT 84601

to construct, install, or modify a commercial subsurface wastewater disposal facility according to the procedures and conditions of the application No. 81-854R. The facility is located in SE 1/4 Section 22, T14N, R64W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

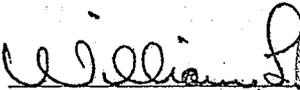
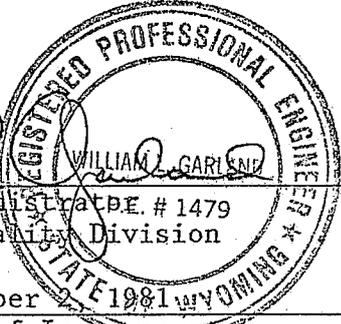
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

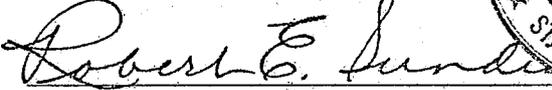
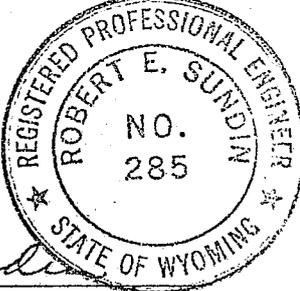
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
  
WILLIAM L. CARLSON  
Administrative # 1479  
Water Quality Division  
December 1981  
Date of Issuance

  
  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality

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

cc: Jim Voeller  
AVI  
7300 Yellowstone Rd.  
Cheyenne, WY 82001

Review of Plans and Specifications

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

PROJECT: Tellum, Inc., Bingo Truck Stop, Laramie Co.

ARCHITECT OR ENGINEER: Jim Voeller, AVI Engineering  
7300 Yellowstone Road, Cheyenne, WY 82001

APPLICANT: Tellum, Inc.  
P.O. Box 449, Provo, UT 84601

WATER QUALITY DIVISION REFERENCE NUMBER: 81-854

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

DATE OF REVIEW: November 17, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The plans did not have the seal or signature of a Wyoming registered engineer.
2. Please clarify the percolation rate. Is it in inches/minute or minutes/inch?
3. Please specify the soil type.
4. The highest known groundwater level or imperious layer must be shown.
5. Clean-outs must be installed at changes in direction.
6. No specifications were provided on the septic tank material and the pipe size, slope and material. Six-inch line is the minimum size for mobile home park mains.
7. The effluent pipe out the side of the septic tank is not allowable as it permits short circuiting.

TSN/nc

6-24-92

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-855RR

Royer McCulloch Subdivision  
(Name of Facility)

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

Royer McCulloch  
c/o Carlton & Carlton Assoc.  
748 Lombard St.

Evanston, WY 82930

to construct, install, or modify a waterline

\_\_\_\_\_ facility according to the procedures and conditions of the

application No. 81-855RR. The facility is located in \_\_\_\_\_

Sec. 24, T16N, 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

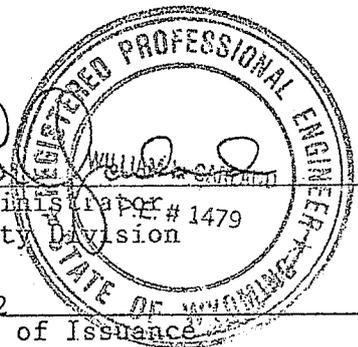
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

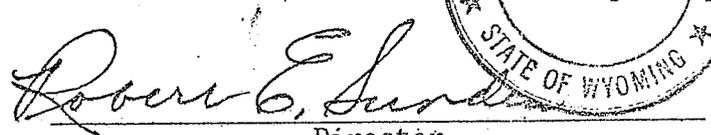
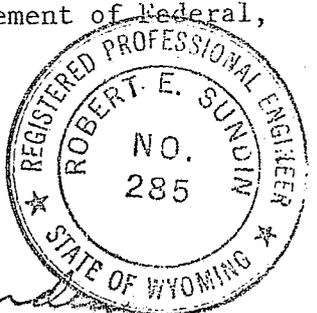
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

  
Adminis[unclear] # 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.

AJB:ch

*Ch...*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

210 Lincoln

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: ROYER MC CULLOCH SUBDIVISION

ENGINEER: Carlton & Carlton  
748 Lombard St.  
Evanston, WY 82930

OWNER: Royer McCulloch  
c/o Carlton & Carlton  
748 Lombard St.  
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-855R

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: January 19, 1982

ACTION: Not authorized.

COMMENTS:

1. Can the pressure reducing valve be set at a lower pressure so that the normal operating pressure in the distribution system does not exceed 100psi and yet keep the fireflow pressure above 20 psi at all points? My calculations show that the static pressure at fire hydrant S would be about 50 psi during fire-flow rather than the 36.4 psi you have listed.
2. A letter is needed from the Joint Powers Board verifying that adequate water can be supplied to this project.

RR:ch  
1/19

cc: File (6)

*A*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Royer McCulloch Subdivision

ENGINEER: Carlton & Carlton  
748 Lombard St.  
Evanston, WY 82930

OWNER: Royer McCulloch  
c/o Carlton & Carlton  
748 Lombard St.  
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-855

REVIEWING ENGINEER: Rich Ruyle *Rich Ruyle*

DATE OF REVIEW: December 30, 1981

ACTION: Not authorized.

COMMENTS:

1. The water pipe ASTM specification and the pressure rating should be noted on the drawings.
2. I do not feel that bent rebar would be an acceptable substitute for the straps holding water valves to thrust blocks. How could the bar be installed and adjusted in wet concrete?
3. The  $h_f$  calculation for hydrant T should be  $-16.9'$  ( $7.32 \times 1.63$ ) rather than  $-48.1'$ .

I do not understand how the terms .433 (100) and .433 (209) were derived in the static pressure calculations. Please clarify.

In any case, normal operating pressure should not exceed 100 psi.

4. Three copies of all submittals are needed.

Feel free to call me if you have any questions.

RR:ch  
cc: File (6)

ABC



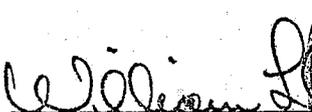
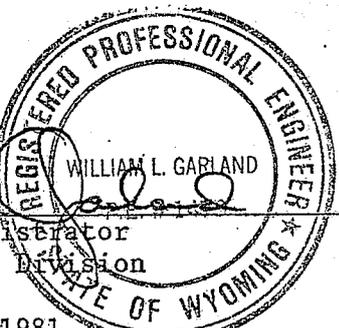
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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.

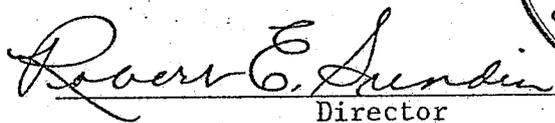
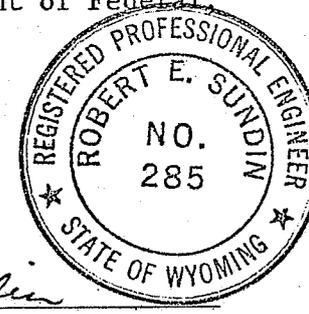
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  


November 18, 1981

Date of Issuance

  
Robert E. Sundin  
Director  
Dept. of Environmental Quality  


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

MRC:db  
11/19/81



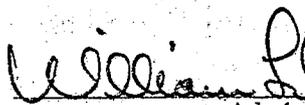
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

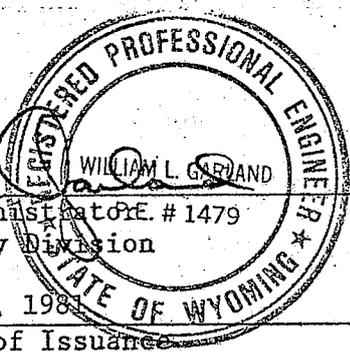
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

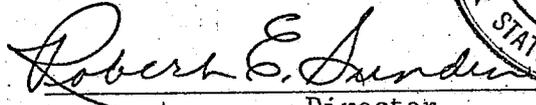
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

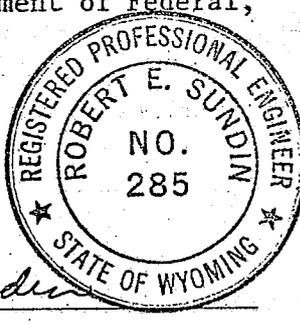
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administ. # 1479  
Water Quality Division  
November 19, 1981  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

FL:db  
11/19/81



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

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

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

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

AUTHORIZED BY:

*William L. Garland*  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
January 4, 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.

FL/db  
1/6

CONDITION

This permit is issued with the condition that the on-site facilities, authorized by this permit, are to be abandoned when a public sewage collection line serving the Rock Springs Area Regional Wastewater Treatment Plant becomes available. Connection to the public sewage collection line must be made at that time.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Husky Truck Stop

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

OWNER: Husky Oil Co.  
P. O. Box 175  
Salt Lake City, UT 89054

WATER QUALITY DIVISION REFERENCE NUMBER: 81-858R

REVIEWING EVALUATOR: Francis LaBarge *FL*

DATE OF REVIEW: December 23, 1981

ACTION: Not authorized.

COMMENTS: A review of your resubmittal has been completed. Before the plans can be approved the following points remain to be resolved. My comments are in the same order as those in the original review letter.

1. Resolved.
2. The proposed sewer lines should be at least six inches in diameter.
3. Resolved.
4. Resolved.
5. Resolved.
6. Resolved.
7. Resolved.
8. The December 16, 1981 memo from the Town Engineer, Donald Armstrong, only addresses the disposal of the sludge into the Town of Granger Wastewater Treatment System. However, it is my understanding from conversations with Mr. Armstrong and the December 4, 1981 reply it is intended to dispose of the sludge by land application.

*ABC*

In checking with our Cheyenne office, I have been informed that this department has not received an application or granted approval for the land application of sludge at the Granger sewage treatment site. Before such approval can be given, a plan must be filed with the DEQ. For details contact E.J. Fanning of our Cheyenne office at 777-7074. If sludge is disposed of in trenches or a landfill, permission must be received from the Solid Waste Disposal Section.

9. Resolved.
10. As of this date I have not received the revised Section 6.2 of the specifications.
11. See Comment number 8.
12. O & M Manuals are considered to be a part of the application, therefore please furnish them so they can be reviewed.
13. Resolved.
14. You have made reference to a float switch not shown on the drawings. This switch should be shown. The drawings are supposed to be complete in all aspects.
15. The location of the tablet chlorinator needs to be shown on the plans. Details and specifications are needed of both chlorinators.
16. See comment number 10.
17. Resolved.
18. Whenever an application is submitted for system modifications, it is normal policy to review entire system for compliance with current state standards. I do not feel my request for information on the existing discharge line and discharge point is out of order. If you feel it is please feel free to contact Jake Strohman in Cheyenne for a ruling. My reasons for wanting this information is to ensure that the effluent line discharges to a proper drainage and the discharge point has proper erosion protection.

19. Resolved.

Additional Comments

20. The "grease trap" shown on the original plans is now shown as a chlorine contact basin on the revised plans. The use of covered tanks as chlorine contact chambers is not recommended and will not be approved.
21. Verification is needed that a minimum chlorine contact time of 15 minutes is being provided for and that the proposed motionless mixer can provide adequate mixing. Is the mixer premanufactured or to be made on-site?
22. I assume Sheets 5, 6, 7 and 8 of the original submittal are still intended to be a part of the application. Is this correct?

23. The specifications state that lighting, heating and ventilation systems are to be installed as shown on the plans and specified in Section 6.2 of the Supplemental Technical Specifications. As stated earlier I have yet to receive Section 6.2. In addition the plans do not show any lighting or heating systems placement.
24. A detail is needed on how the six inch effluent line is connected to the overflow from the tertiary filter as well as how the four inch line from the chlorine contact chamber connects to the tertiary filter.
25. Where does the four inch emergency overflow pipe from the tertiary filter go to?

Please submit the required information and revised drawings, in triplicate, to this office. If you wish to arrange a meeting to go over this review letter, please contact me. I am available to help in any way I can so that a "Permit to Construct" can be issued as soon as possible.

FL/d1

12/28/81

cc: File (4)

✓Cheyenne DEQ/WQD

*Cheyenne*



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 10, 1981

CERTIFIED MAIL

Mr. Donald Armstrong  
Tudor Engineering Company  
450 South Federal Blvd.  
Riverton, WY 82501

RE: Husky Truck Stop, Application  
for Permit to Construct #81-858R

Dear Mr. Armstrong:

In light of our conversation in my office yesterday, I feel a need to go on record in pointing out the following facts.

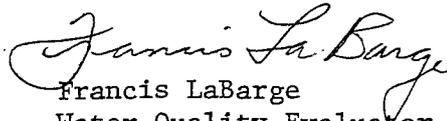
I am unable to complete a review of your December 4, 1981 reply to my November 18, 1981 review letter because some information is missing. I am specifically referring to a letter from the Town of Granger in regard to sludge disposal and a letter from Husky Oil Company agreeing to abandon the on-site sewage treatment facilities and tying into a central sewage collection line when one becomes available. Upon receipt of these letters, a review of your reply will be made and you will be informed of the results.

I do wish to make it clear that W.S. 35-11-301(a)(iii) and Section 4 of Chapter III of the Wyoming Water Quality Rules and Regulations require that a permit be issued before any construction, installation, modification or operation of any sewerage system, treatment works, disposal system or other facility capable of causing or contributing to pollution commences. I point this out because of your statement that it is intended to begin work on this project on Monday, December 14, 1981.

Mr. Donald Armstrong  
December 10, 1981  
Page 2

Please be advised that any work which should commence before the application has been approved will be a violation of Wyoming Water Quality Rules and Regulations, resulting in a request for enforcement action. If you have any questions, please contact me at this office.

Yours truly,

  
Francis LaBarge  
Water Quality Evaluator  
Southwest District

FL:nb

Copy: Husky Oil Company (Certified Mail)  
Jake Strohmman, Engineering Control Supervisor, Cheyenne DEQ/WQD  
Marion Yoder, Assistant Attorney General  
File (2)

*Craig J*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Husky Truck Stop

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

OWNER: Husky Oil  
PO Box 175  
Salt Lake City, UT 84054

WATER QUALITY DIVISION REFERENCE NUMBER: 81-858

REVIEWING EVALUATOR: Frank LaBarge *FL*

DATE OF REVIEW: November 18, 1981

ACTION: Not authorized.

COMMENTS: A review of your application has been made. The following points need to be resolved.

1. Sewer line profiles are needed for all proposed lines.
2. The proposed sewer pipes should be at least six inches in diameter.
3. Manholes are required at changes in direction of the sewer line.
4. The placement of the grease trap is unacceptable. As shown, all the effluent from the truck stop must pass through it. Grease traps should only receive flow from sinks and/or other sources of grease, fats and oils. Sanitary wastes should not pass through grease traps. There are commercial grease traps available which should meet the needs of the truck stop. The calculations used to size the grease trap to be used are needed. Where is the grease to be disposed of?
5. Rather than add an extension to each of the two existing manholes and tying these lines into the grease trap influent line, why not divert the flow from the west manhole into the east manhole and construct a six inch line to the treatment plant?

*A, B, C*

Review of Plans and Specifications  
Husky Truck Stop  
November 19, 1981  
Page Two

6. How was a daily wastewater flow of 5,000 gpd arrived at?
7. How and where will the wastewater in the pond be disposed of?
8. How and where will the sludge in the bottom of the pond be disposed of?
9. What is to be done with the wastewater and sludge in the old plant when it is abandoned?
10. The specifications refer to the Section 6.2 of the Supplemental Technical Specifications for the lighting, heating and ventilation systems. There is no Section 6.2 in the specification book.
11. Written verification is needed of where the sludge from the plant is to be disposed of.
12. An O & M Manual is needed for the plant.
13. How is sludge to be removed from the sludge holding basin?
14. The operation of the tertiary filter is not clear. Please provide a narrative on how it works.
15. Where is the chlorinator located. Details are needed.
16. Some type of forced ventilation should be provided for the building.
17. The package plant piping and valving needs to be presented in more detail.
18. How long is the effluent line from the plant to Bitter Creek? A plan view is needed showing the line and details are needed of the discharge point.
19. Husky Truck Stop is located within the boundaries of the Intercity/Rock Springs Facility Planning Service Area; therefore a condition of the permit, when it is issued, will be that the on-site treatment facilities must be abandoned at such time as a central sewage collection line becomes available. Verification is needed that the owner of the facility is aware of this condition and agrees to it.

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

FL:db  
11/19/81



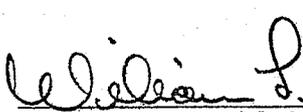
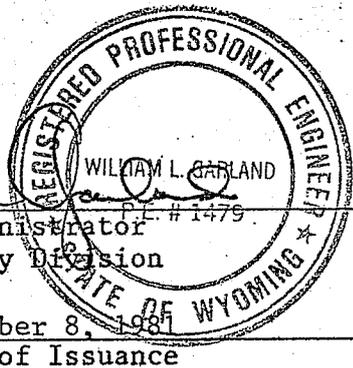
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

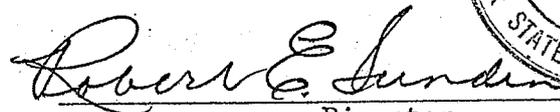
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

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

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

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

AB:nb  
12/9/81



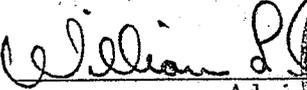
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

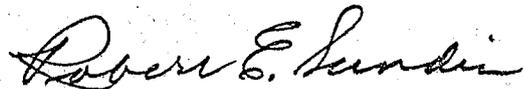
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator # 1479  
Water Quality Division  
STATE OF WYOMING  
December 31, 1981  
Date of Issuance

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

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

RR/d1  
12/31/81



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 9, 1986

Robert Svendsen  
Pacific Power & Light  
920 S.W. 6th Avenue  
Portland, OR 97204

Dear Mr. Svendsen:

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 is:

Facility Name:	<u>Mountain View Elementary School Addn.</u>
DEQ/WQD Reference Number:	<u>81-861</u>
Engineering Consultant:	<u>Robert Svendsen</u>
DEQ/WQD Review Engineer:	<u>Jack Bedessem/Bill Locke</u>
Date of DEQ/WQD Review:	<u>12-30-81</u>

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

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

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

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

Other Remarks: \_\_\_\_\_

\_\_\_\_\_

Page Two

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

Sincerely,

*Bill Locke*

Bill Locke, P.E.  
Water Quality Engineer

BL/jw



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

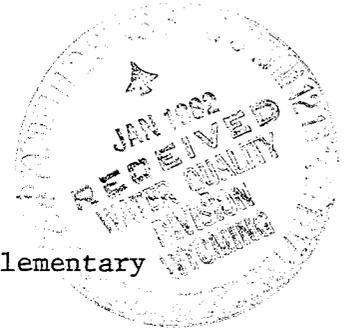
LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 30, 1981

Leland Dille Architect  
P.O. Box 713  
Idaho Falls, ID 83401

RE: Mountain View Elementary  
School Addition  
DEQ #81-861



Dear Mr. Dille:

The application packet for the above referenced project is incomplete and cannot be accepted for review. Three completed copies of the enclosed application sheet should be submitted to this office. We also need three copies of the plans. You need only send those plans that show the collection sewer outside the building (sheet ME-1).

A quick look at the plans revealed the following changes are also needed:

1. Profile drawings of the sewer lines are needed showing pipe grade, amount of cover, rim and invert elevations.
2. Eight inch sewer line should be used unless hydraulic calculations are provided to justify the six inch pipe.
3. Material and construction specifications are needed for the sewer lines and manhole. You may simply reference Section 401 of The Wyoming Public Works Standard Specifications but should also provide an AWWA specification for the sewer pipe.
4. A manhole should be provided at the acute angle where the new sewer line connects to the existing sewer line. Why is the connection designed as shown?

Feel free to call me with questions.

Sincerely,  
*Rich Ruyle*  
Rich Ruyle, Water Quality Construction  
Projects Control Officer

RR/d1  
cc: Cheyenne DEQ/WQD  
File (2)

A, B, C



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

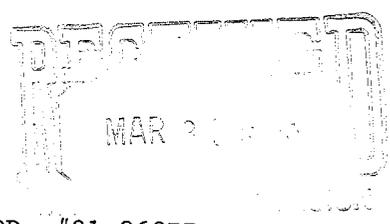
210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

February 15, 1983

Mike Decker Construction  
P. O. Box 635  
Worland, WY 82401



*As-built*

RE: WQD--#81-862RR

Dear Mr. Decker:

Thank you for submitting the "as-built" plans of the on-site wastewater disposal facility for the Mike Decker Construction Metal Building.

The information that you and your engineer supplied to this office has been reviewed for compliance with our design and construction regulations. It appears that the facility as constructed meets the minimum standards. Therefore, the "as-builts" are granted approval.

As a general reminder, all wastewater treatment facilities must be permitted before construction. Plans for any facility other than a private residence must be signed by a professional engineer.

Thank you for your cooperation.

Respectfully,

*Jeff C. Hermansky*  
Jeff C. Hermansky  
Water Quality Evaluator  
Northwest District

JCH:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Mike Decker Construction - Shop

ENGINEER: Gene Roccabruna  
P. O. Box 591  
Greybull, WY 82426

OWNER: Mike Decker  
Mike Decker Construction  
200 Culbertson, P. O. Box 635  
Worland, WY 82401

WATER QUALITY DIVISION REFERENCE NUMBER: 81-862R

REVIEWING ENGINEER: Jeff Hermansky



DATE OF REVIEW: January 6, 1983

ACTION: **Not authorized**, "as built"

COMMENTS: Thank you for submitting the "as built" plans of the wastewater treatment facility for the Mike Decker Construction Shop.

There are some questions that need to be answered before I can determine if the installation meets the minimum design and construction standards. Please address all of the following:

1. The percolation rate must be determined from actual on site testing, not from a SCS map. Please place the test holes around the perimeter of the as built field, not on the field. A copy of the percolation test instructions is enclosed.
2. How wide are the trenches?
3. What is the maximum number of people that will use the bathrooms in a day? How many gallons of wastewater will be produced?
4. Is there any other source of wastewater to be treated by the septic tank - leach field?

If you have any questions, please feel free to contact either Frank LaBarge or me.

JH:dcn  
Enclosure

AC

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

4

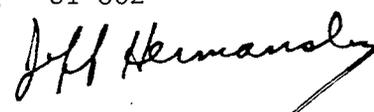
PROJECT: Mike Decker Construction

ENGINEER: None

OWNER: Mike Decker Construction  
P.O. Box 635  
Worland, WY 82401

WATER QUALITY DIVISION REFERENCE NUMBER: 81-862

REVIEWING ENGINEER: Jeff Hermansky



DATE OF REVIEW: November 17, 1981

ACTION: Not authorized.

COMMENTS: Water Quality Division regulations requires that all wastewater treatment facility applications, other than facilities serving private homes, be stamped by a Professional Engineer licensed in Wyoming.

Please contact an Engineer and have him resubmitt your application for a "Permit to Construct".

If you have any questions, please contact either Robin Collins or me.

JCH:ch

cc: Ray Smith  
103 Country Drive  
Worland, WY 82401

A



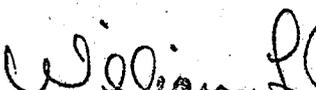
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

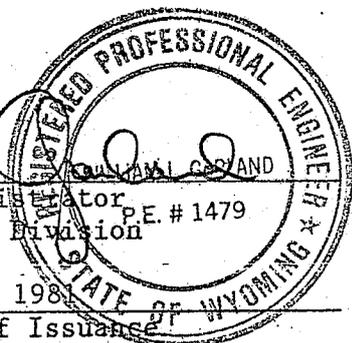
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

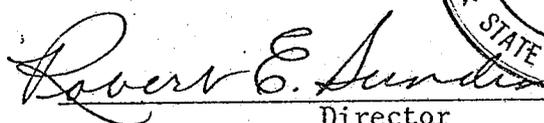
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

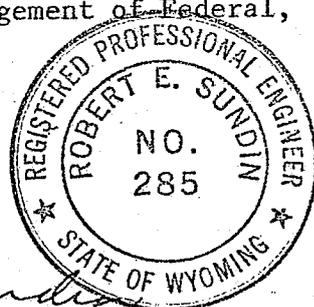
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
\_\_\_\_\_  
Adminis[unclear]ator  
Water Quality Division P.E. # 1479  
November 20, 1981  
\_\_\_\_\_  
Date of Issuance



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



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

MRC:db  
11/20/81

*Department of Environmental Quality**Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

February 25, 1982

Mr. Francis Hruza  
Cottonwood Courts  
Route 1, Box 226  
Riverton, WY 82501

RE: Appraisal of Cottonwood Courts Sewer  
System #81-864R

Dear Mr. Hruza:

On February 22, 1982 I conducted an appraisal of the completed sewer system recently constructed at Cottonwood Courts. This letter is to confirm observations made during my visit.

Basically, the installed lift station and force main system should handle its intended purpose of alleviating a potential health hazard by disposing of the court's sewage into the prison farm's lagoons until Riverton's centralized sewerage works has expanded into this area.

However, the electrical wiring arrangement for the new lift station is not acceptable. Either the electrical outlet inside the well will have to be housed in a waterproof container or, as recommended by Riverton Electric Co., Inc., the power connection be made outside the lift station above-grade and protected from extreme weather conditions.

We will consider the project incomplete until the aforementioned correction is made. Please advise us when the requested change is made.

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

Respectfully,

A handwritten signature in cursive script that reads "M. Robin Collins".

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

MRC:ch

cc: Harry James, Riverton  
Tom Axthelm, Inberg-Miller Engineers  
Fremont County Planner  
Bob Sackett, Riverton Electric Co.  
DEQ/WQD Cheyenne



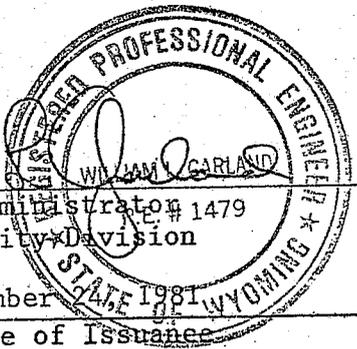
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

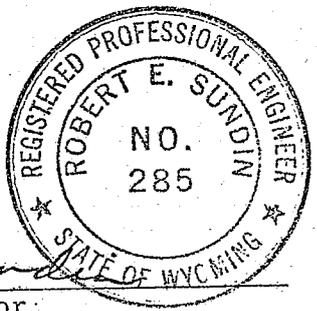
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 Garland*  
Administrator # 1479  
Water Quality Division  
November 24, 1981  
Date of Issuance

  
*Robert E. Sundin*  
Director  
Dept. of Environmental Quality

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

MRC:nb  
11/24/81

24-52

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-865R

O Bar B Water System  
(Name of Facility)

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

O Bar B Water System  
PO Box 1683  
Jackson, WY 83001

to construct, install, or modify a water well and distribution system

facility according to the procedures and conditions of the application No. 81-865R. The facility is located in Sec. 20, T40N, R116W

in the County of Teton, 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

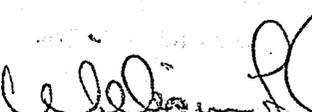
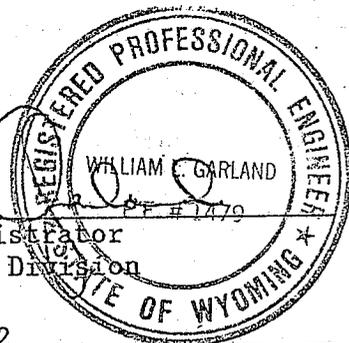
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

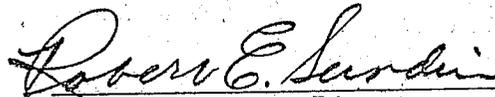
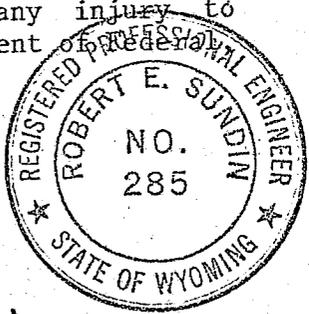
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 C. GARLAND  
PE #17479  
Administrator  
Water Quality Division  


  
Director  
Dept. of Environmental Quality  


January 19, 1982  
Date of Issuance

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

RR:ch  
1/20

REVIEW OF PLANS AND SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: O BAR B WATER SYSTEM

ENGINEER: Paul J. Allison  
Nelson Engineering  
P.O. Box 1599  
Jackson, WY 83001

OWNER: O Bar B Water System  
P.O. Box 1683  
Jackson, WY 83001

WATER QUALITY DIVISION REFERENCE NUMBER: 81-865

REVIEWING ENGINEER: Rich Ruyle *Rich Ruyle*

DATE OF REVIEW: December 31, 1981

ACTION: Not authorized.

COMMENTS:

- 1.) Pressure gauges should be provided for the pressure tanks.
- 2.) A floor drain is needed for the pressure tank vault.
- 3.) Forced ventilation providing six changes of air per hour is needed for the vault.
- 4.) A 1½ inch, downturned casing vent is needed for the well casing.
- 5.) The exact specification (make, series, horsepower) for the submersible pump should be noted on the plans.
- 6.) Has the EPA been contacted to be on their monitoring program?
- 7.) Please forward the water quality analysis as soon as possible.
- 8.) Final approval will be dependent on a review by the groundwater section in Cheyenne, a set of plans have been forwarded to them.

Feel free to call me with questions.

RR: dl  
1/4/82  
File (6)

ABC

THE STATE



OF WYOMING

ED HERSCHLER  
GOVERNOR

## *Department of Environmental Quality*

### *Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 27, 1982

Mr. Joe Feeley  
Rosendahl & Assoc.  
1360 North Main  
Sheridan, WY 82801

RE: Lincoln-Sublette Industrial Park,  
Permit to Construct #81-866R,  
Change Order #1

Dear Mr. Feeley:

The above referenced change order has been reviewed and found to meet minimum design standards. The revised plans have been filed with the original permit and are now considered a part of that permit. One approved copy of the plans is enclosed with this letter for your records.

Yours truly,

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

Francis LaBarge  
Water Quality Evaluator  
Southwest District

FL:ch

Enclosure

cc: Cheyenne DEQ/WQD  
Dave Schmid - applicant



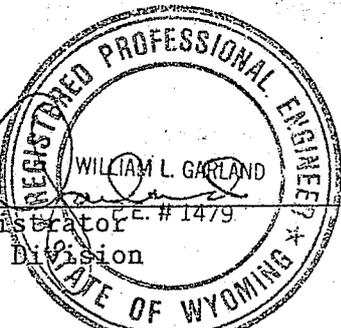
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

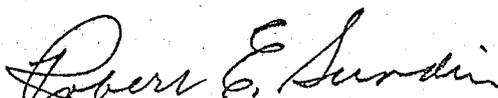
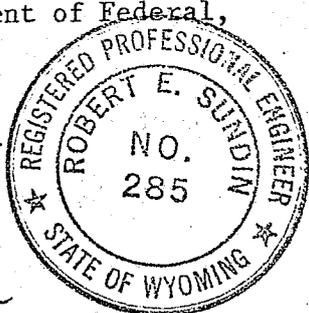
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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


  
Director  
Dept. of Environmental Quality  


January 19, 1982  
Date of Issuance

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

FL:ch

*Cheyenne*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: LINCOLN-SUBLETTE INDUSTRIAL PARK

ENGINEER: Rosendahl and Associates  
1360 North Main Street  
Sheridan, WY 82801  
ATTN: Joe Feeley

OWNER: Dave Schmid  
Box 96  
LaBarge, WY 83123

WATER QUALITY DIVISION REFERENCE NUMBER: 81-866

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

DATE OF REVIEW: December 9, 1981

ACTION: Not authorized.

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

GENERAL COMMENTS

1. All lots to be served by the proposed water and sewer lines need to be shown on the plans.
2. The letter from the Town of LaBarge, dated August 14, 1981, has shown up on several other projects. I am requesting that a letter, from the Town, be submitted which specifically addresses this proposed project. In addition the letter must state that the Town can supply the required volume of water to the distribution system under all conditions of flow with the pressure at any location never to be less than 20 psi. The Town must also state that they can adequately treat this additional sewage.
3. Please supply an additional copy of the Engineering Report.

SEWAGE SYSTEM

4. Verification is needed that the existing sewage collection system can adequately handle the additional flow to be imposed upon it.

.../2

*A.C*

Review of Plans and Specifications  
Lincoln-Sublette Industrial Park, DEQ #81-866  
Date of Review - December 9, 1981  
Page Two

5. Two pumps are required in the lift station. Alternate operation should be provided for.
6. Please indicate the lift station level control settings.
7. Forced air ventilation is needed in the lift station. At least 30 complete air changes per hour is needed for intermittent ventilation.
8. In the case of an emergency, some type of overflow prevention method is needed for the lift station.
9. The force main should be appropriately identified to avoid confusion with the potable water main.

WATER SYSTEM

10. A note is needed on the plans stating that the water line will be installed on a uniform grade. If the water line grade varies, a profile is needed of the entire main.

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

FL:nb  
12/9/81



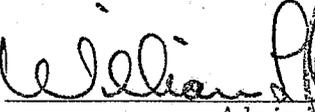
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

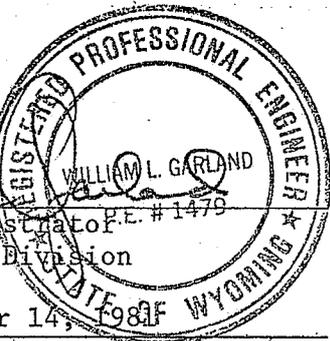
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

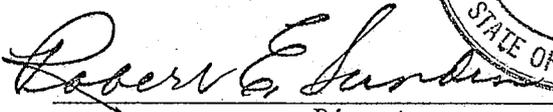
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

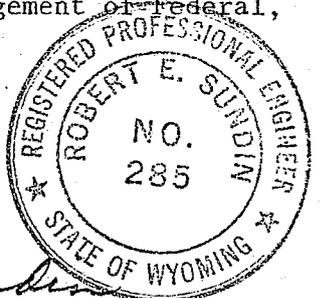
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
\_\_\_\_\_  
WILLIAM L. GARLAND  
P.E. #1479  
Administrator  
Water Quality Division  
December 14, 1981  
Date of Issuance



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

  
Director  
Dept. of Environmental Quality

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



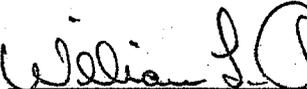
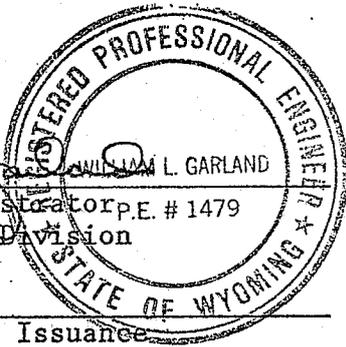
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

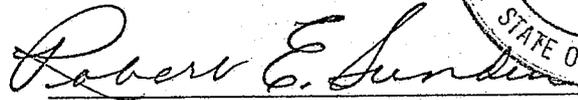
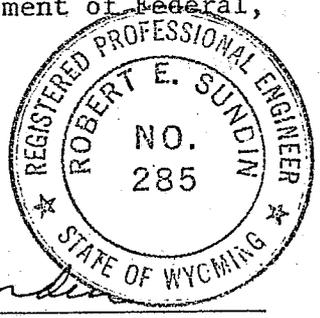
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
  
December 1, 1981  
Date of Issuance

  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality  


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

FL/d1  
12/1/81



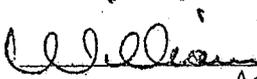
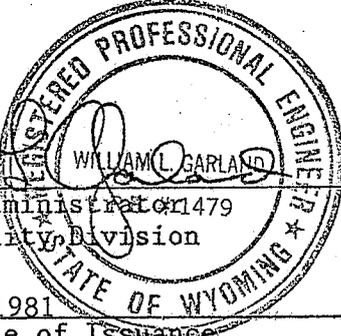
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

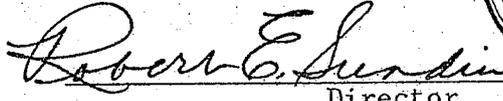
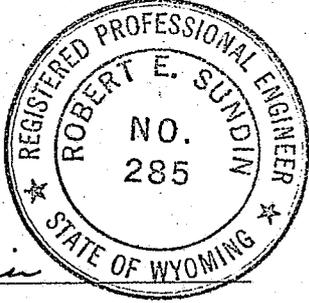
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
Administrator #1479  
Water Quality Division  
December 1, 1981  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

FL/d1  
12/1/81

12-30-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-870R

FRONTIER TRUCKING  
(Name of Facility)

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

Frontier Trucking, c/o Carlton & Carlton Associates  
748 Lombard Street  
Evanston, Wyoming 82930

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

facility according to the procedures and conditions of the  
application No. 81-870R. The facility is located in Sec. 12, T. 14N, R. 120W.

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

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

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

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.

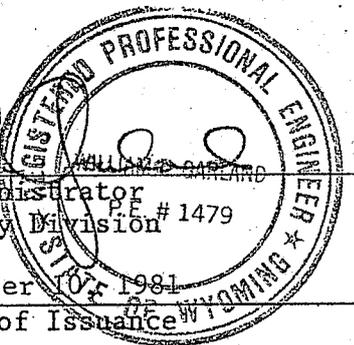
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

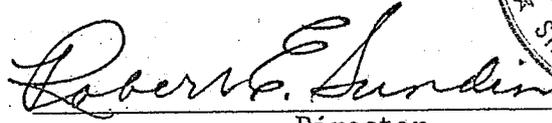
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

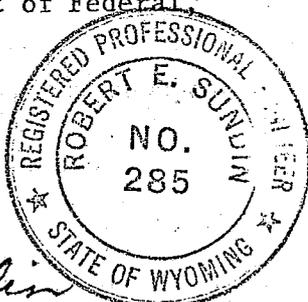
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division P.E. # 1479  
December 10, 1981  
Date of Issuance



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



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

FL:nb  
12/11/81

*Cheyenne*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: FRONTIER TRUCKING WASTEWATER DISPOSAL FACILITY

ENGINEER: Carlton and Carlton Assoc.  
748 Lombard Street  
Evanston, WY 82930  
Attn: Kevin Jones

OWNER: Frontier Trucking  
c/o Carlton and Carlton Assoc.  
748 Lombard Street  
Evanston, WY 82930  
Attn: Kevin Jones

WATER QUALITY DIVISION REFERENCE NUMBER: 81-870

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

DATE OF REVIEW: December 1, 1981

ACTION: Not authorized.

COMMENTS: As we discussed over the phone, on this date, the following points need to be resolved before a "Permit to Construct" can be issued.

1. A cleanout is needed on the sanitary waste line. A cleanout detail is needed also.
2. Please indicate on the plans the separation distance between the water and sewer lines serving the trailer.
3. Please indicate on the plans the separation distance between the trailer and the leach field.
4. Please add the Septic Tank Detail Sheet to the application as we discussed.

Please submit the revised plans, in triplicate, to this office. Upon receipt of a satisfactory reply a "Permit to Construct" will be issued.

FL/d1

*A.C*



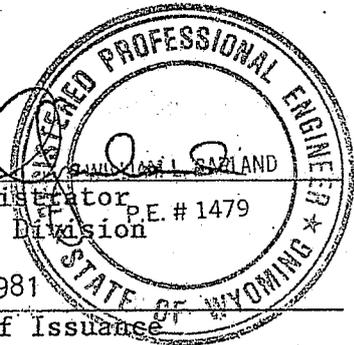
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

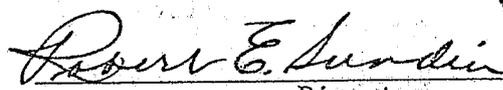
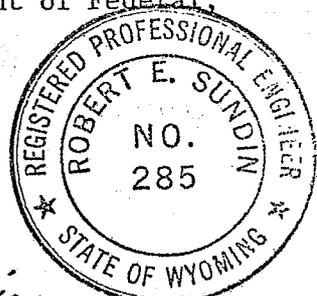
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
Administrator  
Water Quality Division  
November 30, 1981  
Date of Issuance

   
Director  
Dept. of Environmental Quality

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

FL:ch



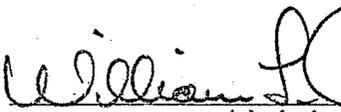
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

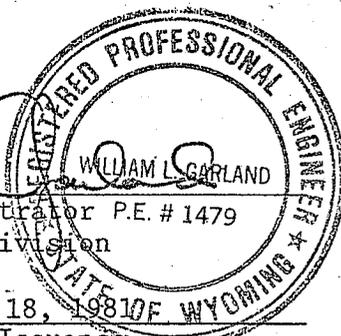
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

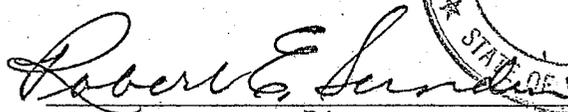
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

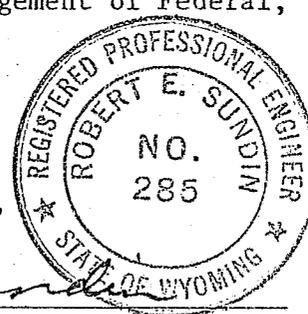
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. #1479  
Water Quality Division  
December 18, 1981  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

1-12-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-873R

C & A Development Wastewater Facilities  
(Name of Facility)

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

C & A Development  
343 South Main  
Springville, UT 84663

to construct, install, or modify a \_\_\_\_\_

three septic tanks and leach fields

\_\_\_\_\_ facility according to the procedures and conditions of the

application No. 81-873R. The facility is located in \_\_\_\_\_

Sec. 6, T15N, R120W

\_\_\_\_\_ 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

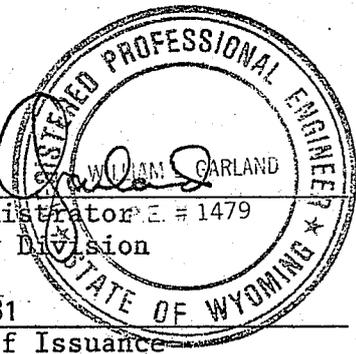
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

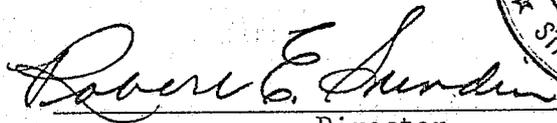
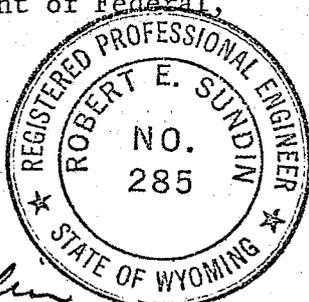
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

  
Administrator E. # 1479  
Water Quality Division  
  
December 22, 1981  
Date of Issuance

  
Director  
Dept. of Environmental Quality  


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

RR:ch  
12/22

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: NORTH EVANSTON INDUSTRIAL PARK

ENGINEER: Dudley and Associates  
261 East 1200 South  
Orem, Utah 84057  
Attn: Ed Gifford

OWNER: C & A Development  
343 South Main  
Springville, Utah 84663  
Attn: Cal Bird

WATER QUALITY DIVISION REFERENCE NUMBER: 81-873

REVIEWING ~~ENGINEER~~ EVALUATOR: Frank LaBarge

DATE OF REVIEW: November 30, 1981

ACTION: Not authorized.

COMMENTS: A review of your application has been completed and the application was found to be incomplete. I will attempt to provide you with all the information you will need to submit a complete application in this letter.

An "Application for Permit to Construct, Install or Modify Public Water Supplies And Wastewater Facilities In Wyoming" (form enclosed) must be completed and filed with the application. Please note that the State Engineer's permit number for the water source is required on this form. To obtain this number an application must be filed with the State Engineers Office for a water appropriation right. For further details contact the State Engineers Office at 307-777-7354.

Your application should include an Engineering Report which provides a brief narrative of the project and all of the design calculations used to design both the water and sewer systems. Because this project will have ten water service connections it is defined as a public water supply and a "Permit to Construct" must be issued before the water system is installed. One permit can be issued for both the water and sewer systems. It is normal practice by this office to recommend that both systems be approved together for projects such as this. This avoids the potential of unauthorized construction and the legal action which would result by this department.

Enclosed is a copy of Chapter III of the Wyoming Water Quality Rules and Regulations for your information. This chapter explains the permitting process and includes a section on minimum design standards for small wastewater facilities in Appendix B. I have also enclosed a standard application form used by this department for permitting waste disposal facilities for single family homes.

A.C

Review of Plans and Specifications for North Evanston Industrial Park, 81-873,  
DEQ/WQD  
November 30, 1981  
Page 2

These forms ask most of the questions which you will need to answer. You can use these forms and have the engineer stamp them or use your own format. Because of the nature of this project you should use full size engineering drawings and not the Plan Sheet in this application form. Be sure to show all separation distances on the drawing.

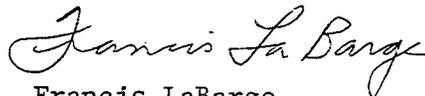
The water system will be reviewed against the 1976 edition of "The Recommended Standards For Water Works" (i.e. the Ten State Standards). The engineering report, plans and specifications should address and meet these standards.

The application should also contain complete material and installation specifications. If you wish to use the Wyoming Public Works Standards you merely have to note this on the plans. If you use your own specifications they must be complete. The choice is yours.

I believe you will find our Plan Review Check List (copy enclosed) a handy reference in preparing your application. Note that all plan sheets and the specifications must be signed or stamped by a Wyoming P.E. We also require everything in triplicate.

If you have any questions concerning our standards or what is needed in your resubmittal please contact me at this office and I will help you in anyway I can.

Very truly yours,



Francis LaBarge  
Water Quality Evaluator  
Southwest District

FL/d1  
enclosures



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 7, 1981

Dorothy Enterprises  
Box 207  
Arapahoe, WY 82510

Re: Review of Proposed Wastewater Disposal Systems  
DEQ #81-874 & #81-875

Dear Sir:

As requested, we have reviewed the disposal systems for the domestic and laundromat wastes which will be generated from the Arapahoe Post and Exchange.

Because of the favorable soil conditions, the proposed layout of the septic tank/leach field systems meet our minimum design standards and thus is acceptable to this office. We would like to offer our attached "Operation and Maintenance of Septic Tank/Leach Field Systems" guidelines to assist in maintaining these disposal systems.

We appreciated the opportunity to review your plans. If further information is required, please do not hesitate to contact us.

Respectfully,

A handwritten signature in cursive script that reads "M. Robin Collins".

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

MRC/d1  
enclosure

cc: Joint Tribal Council, Wind River Reservation  
Larry Robinson & Jake Strohman, DEQ/WQD, Cheyenne

12-30-81

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 81-876

Sand Settling Basin/Chlorine Contact Chamber  
(Name of Facility)

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

Town of Wheatland

600 Ninth Street

Wheatland, WY 82201

to construct, install, or modify a public water supply treatment and distribution system facility according to the procedures and conditions of the application No. 81-876. The facility is located in Section 13, T24N, R68W in the County of Platte, 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.

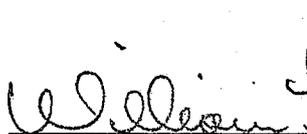
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

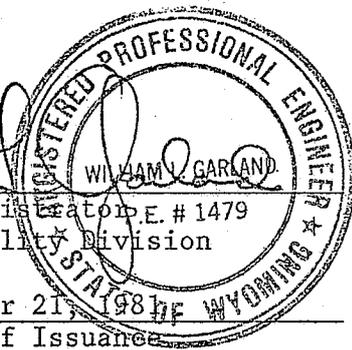
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

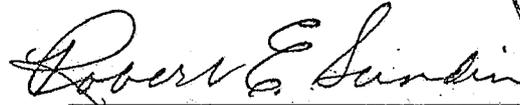
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

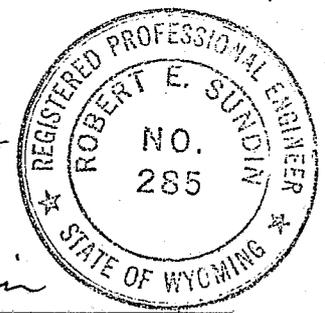
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM GARLAND  
Administrator, E. # 1479  
Water Quality Division  
December 21, 1984  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

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

12-11-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-877  
SEE SPECIAL CONDITION

O.B.I. Hughes, Inc.  
(Name of Facility)

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

O.B.I. Hughes, Inc.

410 17th Street, Suite 2170

Denver, CO 80202

to construct, install, or modify a two subsurface sewage disposal systems facility according to the procedures and conditions of the application No. 81-877. The facility is located in Section 27, T34N, R80W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

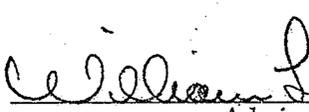
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

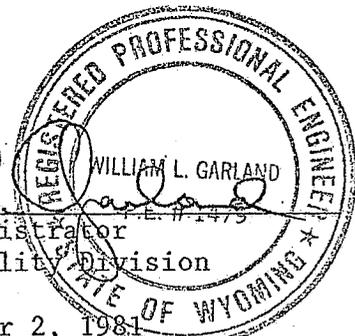
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

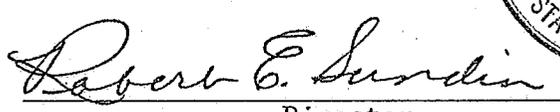
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

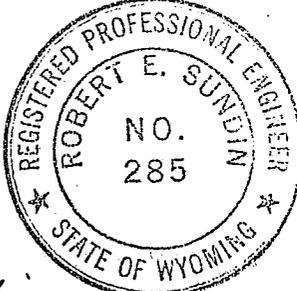
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
December 2, 1981  
Date of Issuance



  
Robert E. Sundin  
Director  
Dept. of Environmental Quality



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

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

Conditions to Permit to Construct

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

12-11-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-878  
SEE SPECIAL CONDITION

Reed Rock Bit Company  
(Name of Facility)

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

Reed Rock Bit Company  
6919 West Yellowstone  
Casper, WY 82601

to construct, install, or modify a commercial subsurface wastewater disposal facility facility according to the procedures and conditions of the application No. 81-878. The facility is located in Lot 54, Westgate Park III, Section 34, T34N, R80W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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.

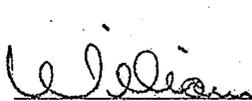
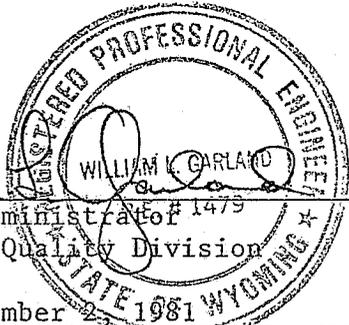
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

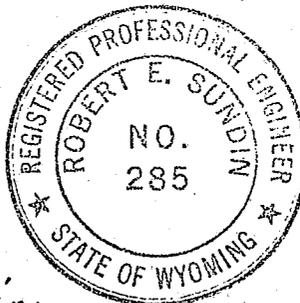
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

  
  
Director  
Dept. of Environmental Quality

December 2, 1981  
Date of Issuance

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

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

Conditions to Permit to Construct

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

M  
12-11-81

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 81-879

North Park Tank - Waterline Connector  
(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 public water distribution system facility according to the procedures and conditions of the application No. 81-879. The facility is located in Section 32, T34N, R79W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

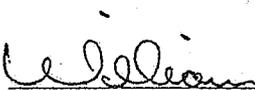
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

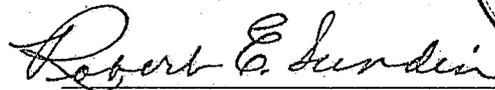
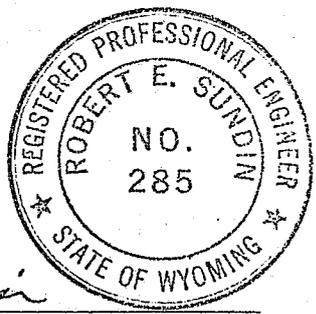
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 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 # 1479  
Water Quality Division  
STATE OF WYOMING  
December 2, 1981  
Date of Issuance

  
\_\_\_\_\_  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality  


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

cc: David W. Hill  
Casper Board of Public Utilities  
200 N. David  
Casper, WY 82601

12-11-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-880

Fairgrounds Water Main Relocation  
(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 14-inch public water main facility according to the procedures and conditions of the application No. 81-880. The facility is located in Sections 7 & 17, 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.

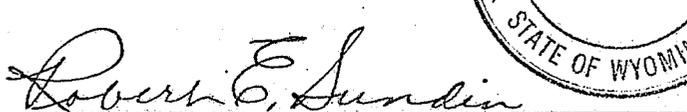
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

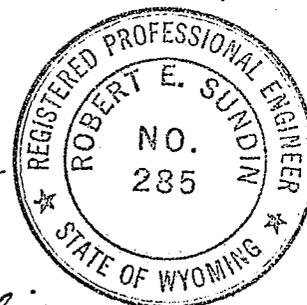
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 CARLSON  
Administrator # 1479  
Water Quality Division  
STATE OF WYOMING  
December 2, 1981  
Date of Issuance

  
\_\_\_\_\_  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality



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

cc: Terry I. Titus  
Worthington, Lenhart, Carpenter & Johnson  
632 South David  
Casper, WY 82601



THE STATE OF WYOMING

81-881RR

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 20, 1985

CERTIFIED

Mr. Curtis G. Grandstaff  
Mayor  
Town of LaGrange  
P. O. Box 185  
LaGrange, WY 82221

RE: Letter of Violation -  
Groundwater Monitoring Permit  
Non-Compliance

Dear Mr. Grandstaff:

The Town of LaGrange was issued a permit to construct total containment stabilization ponds according to the procedures and conditions of the application No. 81-881RR. Chapter VII, Section B of the Town of LaGrange, Wyoming operation and maintenance manual for wastewater treatment facilities requires that quarterly reports from two groundwater monitoring wells be submitted to the Water Quality Division.

Only one groundwater monitoring report, dated August 24, 1983, has been received by the Water Quality Division to date. This constitutes a violation of Chapter III, Section 7 of the Wyoming Water Quality Rules and Regulations which states that the applicant shall construct the public water supply, wastewater facility and/or small wastewater facilities in compliance with the terms of the issued permit. Failure to construct the public water supply, wastewater facility and/or small wastewater facility as such is subject to penalties provided in the Wyoming Environmental Quality Act. Parties in violation are liable for penalties as stated in W.S. 35-11-901.

Groundwater samples should be collected immediately from the two monitoring wells and the results should be sent to this office. Quarterly groundwater sample results should be regularly submitted beginning with the second quarter of 1985. These results should be sent to us within 30 days from the end of each quarter.

Curtis G. Grandstaff  
May of LaGrange  
page 2

In order to avoid enforcement action, we request that you submit the initial sampling results within 30 days of receipt of this letter of violation.

This letter does not constitute an order but merely outlines the violation and recommendations which could avoid enforcement action. Please call if you have any questions.

Yours truly,



Thomas R. Williams  
Groundwater Compliance Specialist

TRW/ml

cc: Tom Conrardy - DEQ/Water Quality  
Tom Norman - DEQ/Water Quality

Book



ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

May 29, 1985

CERTIFIED

Mr. Curtis G. Grandstaff  
Mayor  
Town of LaGrange  
P.O. Box 185  
LaGrange, WY 82221

Dear Mr. Grandstaff:

On March 20, 1985, a certified letter was sent to you indicating that the Town of LaGrange was in permit non-compliance. Sampling results from the two groundwater monitoring wells adjacent to the total containment stabilization ponds were not being submitted as required in permit to construct application number 81-881RR.

In order to avoid enforcement action, we requested that you submit the initial sampling results within 30 days of receipt of the letter of violation. If the initial sampling results have not been received by this office prior to June 14, 1985, this matter will be referred to the Wyoming Attorney General's office for enforcement.

Yours truly,

*Thomas R. Williams*

Thomas R. Williams  
Groundwater Engineering Associate

TRW/nc

cc: Tom Conrardy, DEQ/WQD  
Tom Norman, DEQ/WQD

5-7-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-881RR  
EPA C560116-04

LaGrange Wastewater Treatment Facility  
(Name of Facility)

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

Town of LaGrange

P.O. Box 185

LaGrange, WY 82221

to construct, install, or modify lift stations, gravity sewer main, pressure sewer main, and total containment stabilization ponds according to the procedures and conditions of the application No. 81-881RR. The facility is located in Section 11, T19N, R61W in the County of Goshen, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

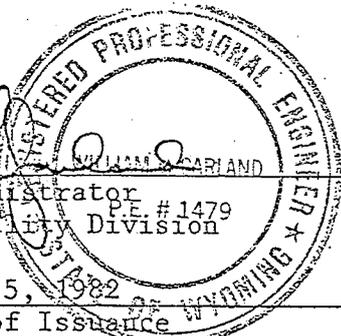
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

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

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

AUTHORIZED BY:

A circular seal for a Registered Professional Engineer, William D. Arian, State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER", "WILLIAM D. ARIAN", "P.E. # 1479", and "STATE OF WYOMING".  
*William D. Arian*  
\_\_\_\_\_  
Administrator  
Water Quality Division  
P.E. # 1479  
May 5, 1982  
\_\_\_\_\_  
Date of Issuance

*Robert E. Sundin*  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

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

cc: Wells Engineers, Inc.  
1225 Sage Street  
Gering, NE 69341

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 5, 1982

PLANS AND SPECIFICATIONS APPROVAL  
AND AUTHORIZATION TO ADVERTISE

The Honorable Curtis G. Grandstaff  
Mayor, Town of LaGrange  
PO Box 185  
LaGrange, Wyoming 82221

Re: Town of LaGrange, Wyoming  
C560116-04  
Plans and Specifications -  
Authorization to Advertise

Dear Mayor Grandstaff:

The plans and specifications for the construction of water pollution control facilities for the referenced project have been reviewed by the State of Wyoming Department of Environmental Quality. This office hereby approves the plans and specifications and is enclosing a permit to construct.

This project may now be advertised and bids opened. You are reminded to complete the enclosed checklist and associated documentation when bids are opened.

- The following points should be brought to your attention at this time:
- A. Contracts may not be awarded until authorization has been given by EPA;
  - B. Prior Department of Environmental Quality approval is required for rejection of bids on any contract on this project;
  - C. Current wage rates must be in the specifications prior to bid opening;
  - D. Bidders must submit a signed statement as to whether they have previously performed work subject to the President's Executive Order, Number 11246, with their bids;
  - E. Contact EPA if any questions arise concerning MBE/WBE utilization on this project.

The procedure for submission and approval of modifications to the approved plans and specifications is the same as for the original set, i.e., five copies of any proposed modifications, together with an explanation of the

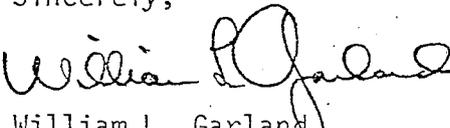
The Honorable Curtis G. Grandstaff  
Page Two  
May 5, 1982

reasons therefore should be forwarded to us. Unauthorized modifications of approved sets of plans and specifications may result in suspension of federal participation in the project.

Following approval of the enclosed checklist and associated documentation by the State of Wyoming Department of Environmental Quality and EPA, you will be notified that construction contracts may be awarded.

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

Sincerely,



William L. Garland  
Administrator

WLG/kb

Enclosures (Plans and Specifications, Bid Document Checklist)

cc: Corps of Engineers, Omaha (with enclosures)  
Corps of Engineers, Denver  
EPA (Plans and Specifications Checklist only)  
DEQ District 4 Office  
Wells Engineers, Inc. (with enclosures)  
Loren Leichman, DEQ Sheridan (with enclosures)

4-182

Review of Plans and Specifications

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

PROJECT: LaGrange Waste Treatment Facility, Goshen Co.

ARCHITECT OR ENGINEER: Charles A. Haas, Wells Engineers  
1225 Sage Street, Gering, NE 69341

APPLICANT: Town of LaGrange  
P.O. Box 184, LaGrange, WY 82221

WATER QUALITY DIVISION REFERENCE NUMBER: 81-881R

REVIEWING ENGINEER: Thomas S. Norman and Bill Ewen *WSR*  
*T.S. Norman*

DATE OF REVIEW: March 29, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Per our telephone conversation of March 29, 1982:

1. Lift stations
  - a. What are the pump characteristics of the stand-by pump for the small lift stations?
  - b. The alarm level should be below the inlet pipe to prevent surcharging.
2. Force main
  - a. The force main cleanouts will freeze and not be operable during cold weather.
  - b. The cleanouts are at too great a spacing for common cleaning machines. Please space according to what is available for local cleaning services.
3. Lagoon
 

The soil cover thickness over the bentonite layer was not specified in the specification section 4.04C. Your cover letter specified six inches.
4. The discharge permit for groundwater dewatering is obtained from DEQ/WQD.
5. Mr. Bill Ewen will send a letter in the near future concerning groundwater monitoring requirements.
6. Five copies of the final plans and specifications are needed.
7. A Womens Business Enterprise (WBE) goal of 2% should appear in the specifications alongside the MBE and minority work force utilization goals.



*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 19, 1982

Charles Haas, P.E.  
Wells Engineers, Inc.  
1225 Sage St.  
Gering, NE 69341

RE: Additional Comments on Preliminary Plans & Specs, La Grange, WY,  
DEQ/WQD Ref. No. 81-881

Dear Chip:

As per our phone conversation of February 11, 1982, the following items have been agreed upon:

1. Lagoon No. 1 will be deepened to an additional one foot from what is contained on the preliminary plans.
2. Cleanouts will be installed in the force main in lieu of an expanded lift station.
3. Lagoon No. 2 will be equipped with a liner designed to achieve a permeability of 0.1 inch per day or better.

The town should be aware that this "liner" will still pass approximately 14,225 gallons/day of wastewater from the two lagoons into the ground. If Lagoon No. 2 was installed without a liner, that figure would approach 30,000 gallons/day. So called "rapid infiltration" is a safe and accepted method of wastewater disposal provided the groundwater is monitored such that no groundwater users are injured.

As mentioned in our review letter of December 21, 1981, additional information is needed on the groundwater to determine the amount of protection and monitoring that will be necessary even with "lined" ponds.

Charles Haas, P.E.  
February 19, 1982  
Page 2

4. A one week test period will be used to test the seepage rate from the ponds during construction.

Sincerely yours,



William S. Ewen  
Engineering Evaluator

WSE/nc

cc: Tom Norman, DEQ/WQD

Curtis Grandstaff, Mayor of La Grange, P.O. Box 185, La Grange, WY 82221

Review of Plans and Specifications

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

PROJECT: LaGrange Waste Treatment Facility, Goshen Co.

ARCHITECT OR ENGINEER: Charles A. Haas, Wells Engineers, Inc.  
1225 Sage St., Gering, NE 69341

APPLICANT: Town of LaGrange  
P.O. Box 185, LaGrange, WY 82221

WATER QUALITY DIVISION REFERENCE NUMBER: 81-881

REVIEWING ENGINEER: Thomas S. Norman and Bill Ewen *WSE*  
*Thomas S. Norman*

DATE OF REVIEW: December 21, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The following items were discussed at our meeting on December 17, 1981:

Ponds

1. The pond system is designed with very little flexibility. Very small changes in either the flow rate or the seepage rate will cause the primary cell to dry up. Any water depth below 2 feet is not allowed as vegetation and odor problems will develop. Recommend deepening the primary cell and decreasing its size to allow for greater flexibility. Concern is also shown for drying out of the bentonite liner.
2. An overflow device should be installed from cell-1 to cell-2 to prevent overtopping. Also a system of multi-draw-off levels is recommended for greater operation control and transfer flexibility.
3. Although the design seepage rates are based on 0.1 inches/day, the specifications require 0.25 inches/day. Explain inconsistency. How much flexibility will be allowed on the final seepage rate in the field? The specification calls for only a 48-hour testing period for the seepage rate. Is this a reasonable time limit for such a small measurement?
4. Approximately 2.7 million gallons of water is required to prefill the ponds. Is such a large volume available and can it be used for this purpose?
5. The specifications call for 2 lbs./square foot of bentonite. The soil's tests show that at this application rate a percolation rate of .0068 in./day is obtained. This is not compatible with the specification rate of 0.25 in./day.
6. The soils lab recommended a soil covering over the bentonite layer for protection.
7. Baffles should be placed on the influent splash pads of the ponds.

### Pipelines

1. Recommend combining the two force mains that parallel each other to the lagoon.
2. Thrust blocks are required on the force main at change in directions.
3. The discharge of the Vandehel force main into the manhole must be no higher than two foot off the invert.
4. Specification Section 6.02.B. calls out AWWA C202-64T for mill type steel pipe. I am not aware that such an AWWA specification exists.
5. The leakage equation in Section 16.12.A. is not correct.

### Lift Stations

1. Small Lift Stations
  - a. Design information is needed to evaluate the capacity of each lift station.
  - b. Valves are not allowed in the wet well.
  - c. Trash baskets are not shown on the plans.
  - d. A permit to construct will be needed from the homes to the lift station if the service connections are combined prior to the lift station.
2. Main Lift Station
  - a. Design information is needed - flow rate, wet well capacity, float elevations.
  - b. The velocity is too low in the 4-inch main at a flow of 50 gpm (two pumps). What happens when only one pump is on? Considerable solids deposition is expected and possible main plugging.

### Groundwater

1. The impact of any wastewater seepage upon the groundwater must be evaluated. The following information at a minimum is necessary: aquifer characteristics, depth to groundwater, existing water quality, direction of groundwater movement, location of any wells within 1/4 mile of the ponds, etc. A monitoring program may be required to evaluate and detect any groundwater problems.

### General

1. The EPA change order form should be used instead of the FHA form.
2. An application for a permit to discharge is required for any groundwater dewatering that will enter a drainage.

The following items were not addressed at the December 17, 1981 meeting due either to oversight or to their minor importance.

1. EPA and the State require that sewage pumping stations have satisfactory methods of preventing overflow during power outages. This can be achieved by having engine-driver pumping equipment, engine-driver generating equipment, or by having two independent public utility sources.
2. There is no detail for the air release valve. Size is not specified also.
3. Plans, Sheet 7/9. The "Lagoon No. 1 Influent Structure" has mis-labeled the parshall flume size. Also the "redwood timber plank cover" detail is not found as stated.

TSN/BE/nc

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-882R

Red Buttes Research Facility  
(Name of Facility)

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

University of Wyoming

University Station

Laramie, WY 82071

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 81-882R. The facility is located in Section 21, T14N, 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.

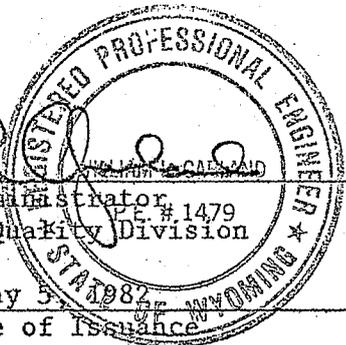
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

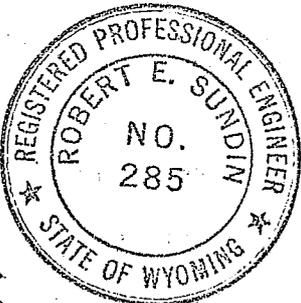
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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. [Signature]  
Administrator  
Water Quality Division  
PE # 1479  
May 5, 1982  
Date of Issuance

  
Robert E. Sundin  
Director  
Dept. of Environmental Quality

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

cc: Mike Gust  
Mike Gust & Assoc.  
320 West 24th St.  
Cheyenne, WY 82001

Review of Plans and Specifications

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

PROJECT: Red Buttes Research Facility, Albany

ARCHITECT OR ENGINEER: Mike Gust, P.E., Mike Gust & Assoc.  
320 W 24th St., Cheyenne, WY 82001

APPLICANT: U Of W, Morris Jones - University Arch.  
University Station, Laramie, WY 82071

WATER QUALITY DIVISION REFERENCE NUMBER: 81-882

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

DATE OF REVIEW: December 11, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Access opening must be provided over the septic tank inlet and outlets. The ladder rungs in the septic tank should be deleted.
2. A clean-out in the septic tank influent pipe is needed at the bend between the building and the tank.
3. The septic tank effluent pumping facility must be a wet well - dry well type installation or you can use submersible pumps. If you use submersible pumps, only the valves need be in a dry well.
4. Please indicate the capacity of the pumps (flow rate against the corresponding total dynamic head). Submission of the pumps curves is best. The dosing pumps should be sized to dose the leach field no more than four times per day and be designed to empty the dosing chamber in 20 minutes or less.
5. All electrical conduits entering the wet well must be sealed. Any switches or junction boxes in the well must be acceptable for explosion hazard environments.
6. The leach field area must be determined by computing the bottom area of the stone. For an application rate of 2000 gallons per day and a percolation rate of 10 minutes per inch, 2667 square feet of trench bottom or 4000 square feet of bed bottom is needed.
7. The filled area of the leach field should extend about 10 feet beyond the stone before tapping to the original ground.
8. Since specifications and details of the wastewater treatment system were not provided, we could not review them. Approval for that system must be obtained prior to its installation.
9. Richard Lennox of our Groundwater Section has reviewed the plans from the perspective of groundwater protection. His comments are listed below:

- A. Not enough information pertaining to the depth of groundwater table throughout proposed leach field location. In order to make an evaluation concerning potential for groundwater pollution require several test borings to located groundwater levels. Note: If water not located within 10' of surface or impermeable layer is encountered test should be concluded and conditions noted.
- B. Data should be provided concerning the sizing of the proposed leach field.
- C. Listing of all permitted wells downgradient from leach field should be provided (within 1/4 mile).

TDC/nc

cc: Dick Lennox, DEQ/WQD, Cheyenne

12-30-81

PERMIT TO CONSTRUCT

New

Permit No. 81-883

Renewal

Modified

North Park Tank and Booster Station Modifications  
(Name of Facility)

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

Casper Board of Public Utilities

200 North David

Casper, WY 82601

to construct, install, or modify a public water supply distribution system tank and booster station facility according to the procedures and conditions of the application No. 81-883. The facility is located in Sections 32 & 33, T34N, T79W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

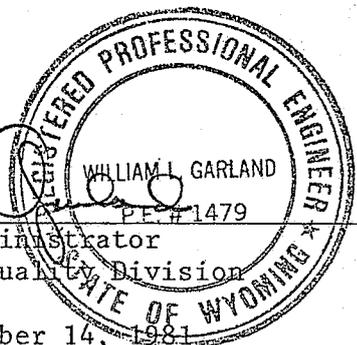
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

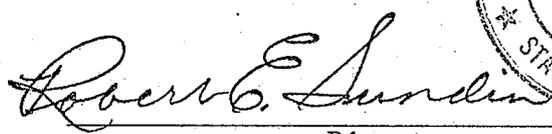
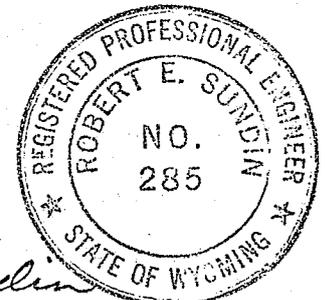
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
PE # 1479  
Administrator  
Water Quality Division  
STATE OF WYOMING  
December 14, 1981  
Date of Issuance

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

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

cc: John E. Donmyer  
HNTB  
Box 3478  
Casper, WY 82602



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  
# 479  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING

Administrator  
Water Quality Division

January 8, 1982

Date of Issuance

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

Director  
Dept. of Environmental Quality

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

FL/db  
1/8/82

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Aspen Hollow Federal No. 1

ENGINEER: Rio Verde Engineering  
P.O. Box 67  
Pinedale, WY 82941  
ATTN: Phillip D. Essington

OWNER: Sun Exploration Co.  
P.O. Box 340181  
Dallas, TX 75234

WATER QUALITY DIVISION REFERENCE NUMBER: 81-884

REVIEWING EVALUATOR: Francis LaBarge *FL*

DATE OF REVIEW: December 29, 1981

ACTION: Not authorized.

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

1. The "Application for Permit to Construct" states the volume of wastes to be 0.40 MGD. I assume this is a typing error and should read 400 GPD.
2. A temporary holding tank will not be approved for this project because the project duration is greater than six months and because of the high probability of the camp becoming isolated due to snow. A permanent on-site facility such as a septic tank - leach field will be required.
3. Please show all potable water lines and water risers on the plan sheet.
4. What is the source of potable water? If it is a well it's location should be shown on the Plan Sheet.
5. Has the facility been constructed?

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

FL/dl

cc: ~~File~~ (4)

✓ Cheyenne DEQ/WQD

*[Handwritten signature]*  
A

PERMIT TO CONSTRUCT

12-30-81

New

Permit No. 81-885R

Renewal

Modified

YELLOW JACKET TOOL AND SERVICE

(Name of Facility)

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

Yellow Jacket Tool and Service  
c/o Carlton and Carlton Associates  
748 Lombard Street

Evanston, WY 82930

to construct, install, or modify a

septic tank - leach field

facility according to the procedures and conditions of the

application No. 81-885R. The facility is located in

Sec. 23, T. 15N, R. 120W.

in the County of Uinta,

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

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

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

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

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

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

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

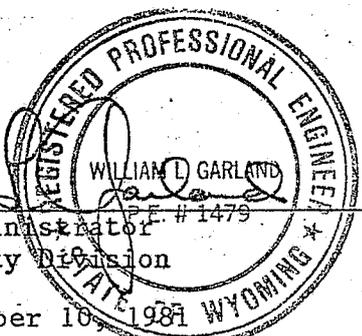
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

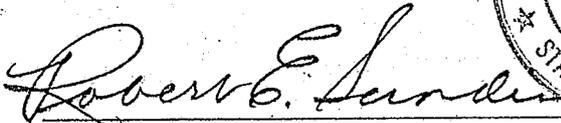
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

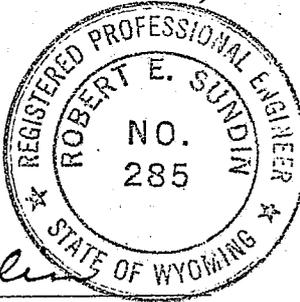
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
P.E. # 1479  
Administrator  
Water Quality Division  
December 10, 1981  
Date of Issuance



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



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

FL:nb  
12/11/81

REVIEW OF PLANS AND SPECIFICATIONS

*Cheyenne*

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: YELLOW JACKET TOOLS AND SERVICE

ENGINEER: Carlton and Carlton Assoc.  
748 Lombard St.  
Evanston, WY 82930  
Attn: Kevin Jones

OWNER: Yellow Jacket Tool and Service  
c/o Carlton and Carlton Assoc.  
748 Lombard St.  
Evanston, WY 82930  
Attn: Kevin Jones

WATER QUALITY DIVISION REFERENCE NUMBER: 81-885

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

DATE OF REVIEW: December 2, 1981

ACTION: Not authorized.

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

1. A ground slope of 5.5% requires that a side hill leach field be used. Enclosed is a Side Hill Leach Field Detail Sheet for your reference.
2. A minimum absorption area of 573 square feet is required.
3. Please add the Septic Tank Detail Sheet as we discussed previously.
4. Is there a public sewage collection system available in the area of Kindler Acres?

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

FL/d1  
enclosures

*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.

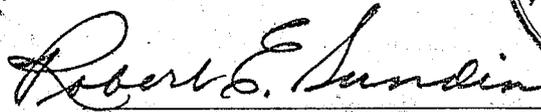
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 J. GARLAND  
Pr. # 4470  
Administrator  
Water Quality Division  
STATE OF WYOMING  
December 30, 1981  
Date of Issuance

  
ROBERT E. SARDIN  
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.



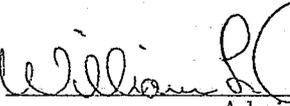
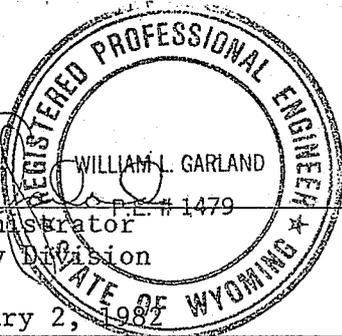
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

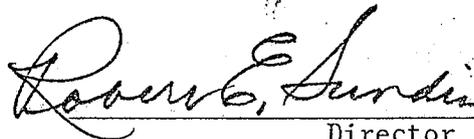
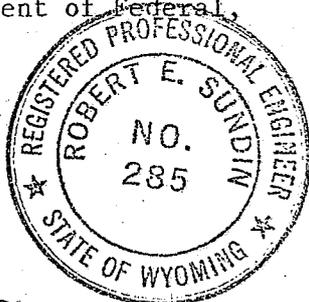
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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


  
Director  
Dept. of Environmental Quality  


February 2, 1982  
Date of Issuance

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

CONDITIONS

Upon completion and disinfection of the new wells, a sample shall be taken from each well, and analyzed for the concentrations of (1) total coliform bacteria, (2) iron and (3) nitrates. Sampling, preservation and analysis procedures shall be in accordance with Section 304(g) of Public Law 92-500. The results of these analyses, together with the name of the laboratory where they are performed, and the dates of sampling and analysis, shall be forwarded to the Sheridan office of the Water Quality Division within 30 days after sampling.

xc: Charles Haas, Wells Engineers, Inc.  
1225 Sage Street  
Gering, Nebraska 69341

Paul Percival  
P.O. Box 1275  
Lusk, Wyoming 82225

Ed Chase, FmHA  
P.O. Box 820  
Casper, Wyoming 82602

REVIEW OF PLANS AND SPECIFICATIONS

NORMA

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

PROJECT: Town of Lusk  
Water System Improvements  
Phase II, Pumps and Wells

ARCHITECT OR ENGINEER: Wells Engineers, Inc.  
1225 Sage Street  
Gering, Nebraska 69341

WATER QUALITY DIVISION  
REFERENCE NUMBER: 81-887

REVIEWING ENGINEER: Tom Mueller *TJM*

DATE OF REVIEW: December 29, 1981

ACTION: Not Authorized for Construction. See comments.



COMMENTS:

1. Section 5.00 H. Controls, of the technical specifications for the hypochlorination system, must be modified to require that the solution pump operate automatically in parallel with the well pump. This is necessary to prevent slugs of highly chlorinated water from developing when the well pump is off.
2. It is recommended that two fibreglass tanks with mixers be installed. Dissolution of calcium hypochlorite in raw well water is often accompanied by formation of calcium carbonate scale. A partial remedy to this problem is to prepare the solution in one tank, wait several days for the suspended matter to settle, siphon the solution to the second tank, and feed the metering pump from this second tank. This will reduce, although not eliminate, scaling problems.
3. The analysis of groundwater submitted with the application indicates abnormally high levels of iron. If water of this quality is introduced to consumers unaccustomed to it, a high level of public complaint can be anticipated due to staining of clothing, cooking ware, etc. Please address this question.
4. This office is continuing to receive public comment regarding the well locations. The reviewing engineer agrees, however, there is no evidence to support fears of groundwater contamination at the proposed well site. Nonetheless, when the Permit to Construct is issued, a condition will be attached requiring that a copy of the water analyses, described in Section 2.10 of the Technical Specifications, be submitted to this agency. This comment is offered for information only at this time.
5. There does not appear to be any way to maintain the clay-bentonite seal in the upper 25 feet of well. Such a method must be provided, or a cement grout seal specified.



*Norma*

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

February 17, 1982

Crude Processing, Inc.  
PO Box 614  
Powell, WY 82435  
ATT: George Streib & Arden D. Haeffner

RE: Wastewater Holding Ponds - Byron  
Facility DEQ #81-888R

Gentlemen:

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

Based on the given plans and specifications and the installation of the agreed upon monitoring well, the constructed holding ponds should adequately handle the projected waste deposits and thus is acceptable to our Department. However, this approval is based on the expectancy that the existing ponds will be upgraded in order to match the drawings submitted in this application as well as to meet the same pond construction standards approved for the Frannie Facility (DEQ #82-16R). A "Permit to Construct" will not be sent because the facility has already been built.

As a general reminder, construction or modifications to a wastewater system or a public water supply without a "Permit to Construct" from this Department is a violation of Section 35-11-301, part 3 & 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,

Handwritten signature of M. Robin Collins in cursive.

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

MRC:ch  
cc: Steve Playton, Hrdro-Engineering-Casper  
Big Horn County Planner  
Bill Ewen & Jake Strohmman, DEQ/WQD  
File

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Crude Processing, Inc. Evaporative Ponds

ENGINEER: Hydro-Engineering  
P.O. Box 473  
Casper, WY 82602  
ATTN: Steve Playton

OWNER: Crude Processing, Inc.  
P.O. Box 614  
Powell, WY 82435  
ATTN: Lynn Fross

WATER QUALITY DIVISION REFERENCE NUMBER: 81-888

REVIEWING ENGINEER: *M. Robin Collins* & Bill Ewen

DATE OF REVIEW: December 24, 1981

ACTION: Not authorized.

COMMENTS: After reviewing the aforementioned project, we would like to offer the following comments for your consideration in processing the necessary permit:

1. Our information shows that water wells are present near the Shoshone River much closer than the three miles away mentioned in the application. All water wells within one half mile should be identified on the topographic maps.
2. Our information shows the ponds probably lie on, or adjacent to, the quaternary alluvial fill. Even if the alluvial fill is several hundred feet away, the low vertical permeability would cause the percolate to move horizontally downslope and into the alluvial aquifer. What is the strike and dip of the Cody shale? Is the shale fractured? Does it exhibit jointing? What is the depth of weathering on the exposed shale?
3. We believe the need for monitoring wells are justified and would like to request that at least three wells be installed, one upgradient and two downgradient of the ponds. They should be drilled to a depth of 20 feet below the saturated water level.

.../2

ABC

Also, a quarterly monitoring schedule should be established.  
Samples should be analyzed for the following:

Sulfate	Nitrate
Cadmium	Phenol
Chromium	TOC
Lead	

4. It is requested that another application submittal (total of three) be sent with your reply to this review.

If further information is required or if you have any questions concerning this review, please do not hesitate to contact us.

MRC/dl

12/29/81

cc: Bill Ewen, Cheyenne DEQ/WQD

✓ Cheyenne DEQ/WQD

File (4)



*File*

*Department of Environmental Quality*

*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

M E M O R A N D U M

TO: Robin Collins  
FROM: Bill Ewen, Engineering Evaluator *W&E*  
DATE: December 22, 1981  
SUBJECT: Application #81-888 for Pond Construction Permit; Crude Processing, Inc.

Our comments concern the possibility of alluvial groundwater contamination by percolation through the un-lined wastewater ponds.

- 1) Our information shows that water wells are present near the Shoshone River much closer than the 3 miles away mentioned in the application. All water wells within  $\frac{1}{2}$  mile should be identified on the topographic maps.
- 2) We believe there is a definite probability that the pond percolate would find its way into the shallow alluvial aquifer of the Shoshone River. We question the statement that the ponds are situated on an outcrop of the Cody Shale. Our information shows the ponds probably lie on, or adjacent to, the quaternary alluvial fill. Even if the alluvial fill is several hundred feet away the low vertical permeability would cause the percolate to move horizontally downslope and into the alluvial aquifer. What is the strike and dip of the Cody shale? Is the shale fractured? Does it exhibit jointing? What is the depth of weathering on the exposed shale?
- 3) At a percolation rate of 0.1 ft/day approximately 15,000 gallons of wastewater per day would be entering the vadose zone. We believe this justifies the need for monitoring wells and are requesting that three wells be installed, one upgradient and two downgradient of the ponds. They should be drilled to a depth that is 20 feet below the saturated water level.

A quarterly monitoring schedule should be established. Samples should be analyzed for the following:

Sulfate	Nitrate
Cadmium	Phenol
Chromium	TOC
Lead	

cc: Tony Mancini

Water Quality Division  
Groundwater Section  
Permit Application Review

Application Number 81-888

Date submitted for review 12-11-81

Name and location of facility Crude Processing Inc.

Big Horn Basin near Byron

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

W. D. Ewen

Title

Engineering Evaluator

Date

12-18-81



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

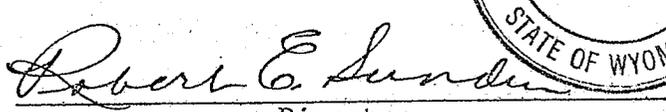
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
STATE OF WYOMING  
December 1, 1981  
Date of Issuance

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

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

FL:ch

2-17-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-890R

Airport Business & Industrial Center-South  
(Name of Facility)

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

Lincoln Development  
PO Box 1085  
Rock Springs, WY 82901

to construct, install, or modify a \_\_\_\_\_

sewage collection system

\_\_\_\_\_ facility according to the procedures and conditions of the

application No. 81-890R. The facility is located in \_\_\_\_\_

Sec. 19, T16N, R120W

\_\_\_\_\_ 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

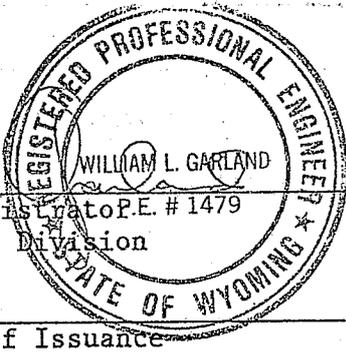
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

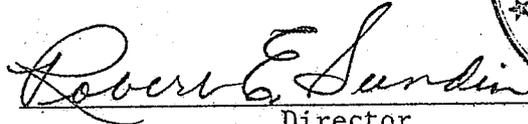
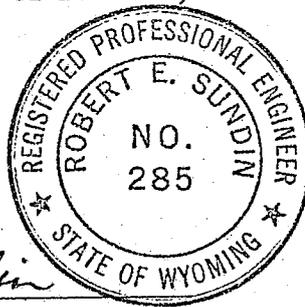
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

  
  
Administrator P.E. # 1479  
Water Quality Division  
January 26, 1982  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

AB:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PROJECT: AIRPORT BUSINESS AND INDUSTRIAL CENTER - SOUTH

OWNER: Lincoln Development  
P.O. Box 1085

ARCHITECT OR ENGINEER: <sup>Rock Springs, WY 82901</sup> Bush and Gudgell, Inc. Attn: Leon Kjellgren  
P.O. Box 1144  
Rock Springs, WY 82901

WATER QUALITY DIVISION REFERENCE NUMBER: 81-890

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: January 4, 1982

ACTION: NOT AUTHORIZED

COMMENTS: Your permit is being held pending resolution of the following item. Cover on the sewerline appears to be minimal along the irrigation canal. Normally 3.5 - 4.0 feet is required as a minimum. The drawings show approximately 2 feet. This will need to be addressed.

Sorry I could not call you about this but we have had travel and phone calls frozen because of budget constraints.

AB:dl

cc. Cheyenne, DEQ/WQD  
Dennis Farley, Uinta County Planner  
File (4)

A

1-12-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-891R

Rex Hepworth Dairy Small Wastewater Facility  
(Name of Facility)

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

Rex Hepworth  
Auburn, WY 83111

to construct, install, or modify a \_\_\_\_\_

septic tank - leach field  
 \_\_\_\_\_ facility according to the procedures and conditions of the

application No. 81-891R. The facility is located in \_\_\_\_\_

Sec 35, T33N, R119W  
 \_\_\_\_\_ 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

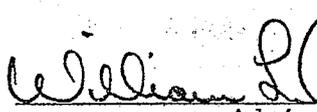
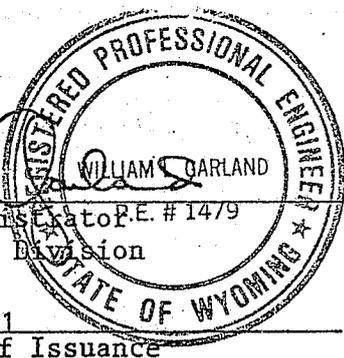
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

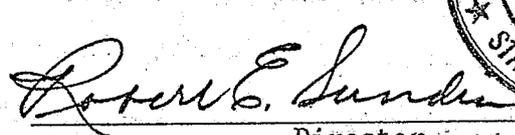
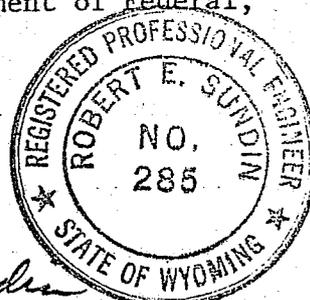
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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


  
Director  
Dept. of Environmental Quality  


December 29, 1981

Date of Issuance

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

FL:ch  
12/30

*Cheyenne*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Rex Hepworth Dairy

ENGINEER: USDA - Soil Conservation Service  
P.O. Box 2440  
Casper, WY 82602  
Attn: John Long

OWNER: Rex Hepworth  
Auburn, WY 83111

WATER QUALITY DIVISION REFERENCE NUMBER: 81-891

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

DATE OF REVIEW: December 2, 1981

ACTION: Not authorized.

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

1. Please indicate the soil type under Item B-5 on the Check List Sheet.
2. How was a daily wastewater flow of 180 GPD arrived at?
3. The amount of required disposal bed area is figures:

$$Q = \frac{5}{\sqrt{t}} \text{ where } t = \text{percolation rate}$$

$$\text{Required absorption area} = \frac{\text{Daily Vol. of Wastewater}}{Q} \times 1.8$$

In this case, using 180 GPD, the required disposal bed area equals 300 square feet.

You will need to revise the Disposal Field Detail Sheet to show at least 300 square feet. Enclosed is an example of a typical sub-surface disposal bed for your reference. Please note that the distribution lines should be laid flat in the bed. Also a 6 inch layer of coarse textured sand should be placed under and around the gravel.

4. Are there any drinking water lines within 25 feet of the septic tank and/or leach field: Please indicate this on the plan sheet.

Review of Plans and Specifications for Rex Hepworth Diary, 81-891, DEQ/WQD  
Date of Review-December 2, 1981  
Page 2

5. The engineer needs to sign each of the sheets 1 through 5.

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

FL/dl  
enclosure  
12/2/81



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

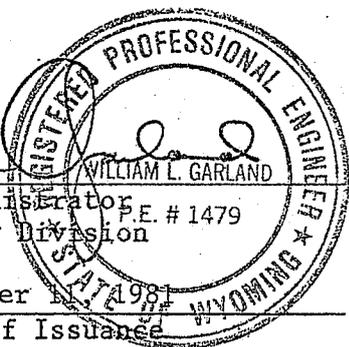
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

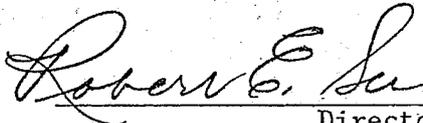
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

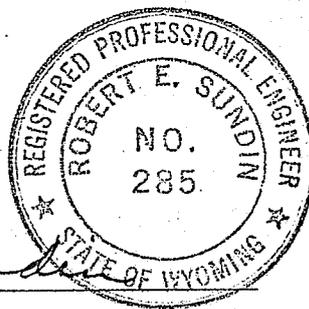
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
\_\_\_\_\_  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
December 11, 1981  
\_\_\_\_\_  
Date of Issuance



  
\_\_\_\_\_  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality



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

COMMENT

\*These public water supply and wastewater treatment systems must be operated and maintained under the supervision of a certified operator.

MRC:nb  
12/11/81

*Cheyenne*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Rocking "H" Mobile Home Park

ENGINEER: Norman L. Smith, Inc.  
P.O. Box 1748 - 1725 Sheridan Avenue  
Cody, WY 82414  
ATTN: Roy Holm, P.E.

OWNER: Stanford J. Hollyman  
P.O. Box 1270  
Cody, WY 82414

WATER QUALITY DIVISION REFERENCE NUMBER: 81-892

REVIEWING ENGINEER: M. Robin Collins, P.E.

*M. Robin Collins*

DATE OF REVIEW: December 2, 1981

ACTION: Not authorized.

COMMENTS: After reviewing the aforementioned project, I would like to offer the following comments for your consideration in processing the necessary permit:

WATER

1. Great care must be exercised in using bituminous coal tar base coating on ductile iron pipe during cold weather installation.
2. Further details associated with the construction of the water wells should be submitted, i.e., check valve, grouting specs, casing specs, pumps, vent, capping, means of disinfection, etc.
3. Usually the well casing should extend at least 18 inches above the ground surface. If you feel a well pit would be more desirable in this case, then we recommend the well enclosures be bermed.
4. Recommend the details stated in the specifications concerning the water storage tank be shown on the plans. Also, more information on the tank's effluent should be given, i.e., pump details, type of valves, etc. Overflow discharge point should be further defined.

.../2

*AC*

Review of Plans and Specifications  
Rocking "H" Mobile Home Park, DEQ #81-892  
Date of Review - December 2, 1981  
Page 2

5. A free-chlorine residual test kit should be required as part of this public water supply.
6. More details associated with the chlorination facility need to be submitted. Special attention should be given to the exhaust fan and its arrangement, gas mask location, leak detector, scales and sample tap.

#### SEWAGE

1. Further design details of the sewage lift pump station should be given, i.e., capacity, head, frequency of runs, minimum passed solid spec's, etc.
2. Recommend the electrical controls in the lift station be placed outside.
3. A shut-off valve located on the discharge side of the check valve in the lift station needs to be given.
4. Need to show means by which the plant discharges into the Shoshone River.
5. The location of the river's 100-year flood elevation should be shown in relation to the sewage treatment plant.
6. Recommend a fence with appropriate identification signs be placed around the treatment plant.
7. For maximum flows during cold weather, recommend an additional aeration basin be specified for the treatment plant (total of four aeration basins.)
8. Recommend the modifications suggested by the operator of Gardens North Sub-division's treatment plant be included as part of this plant's arrangement. For example, the modifications made to the flow monitoring chamber and the need to have the scum dumpings enter the digester at least 3" to 4" above the water level should be included. Mike Bellah (Riverton: 856-0157) can supply further clarifications to these types of recommendations.

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

MRC:nb  
12/3/81

12-11-81

PERMIT TO CONSTRUCT

New

Permit No. 81-893

Renewal

Modified

Black Butte Coal Co.  
(Name of Facility)

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

Black Butte Coal Co.

P.O. Box 98

Point of Rocks, WY 82942

to construct, install, or modify a  Holding Ponds Darter #1  facility according to the procedures and conditions of the application No.  81-893 . The facility is located in  SE 1/4 SE 1/4 Section 29, T19N, R100W  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.

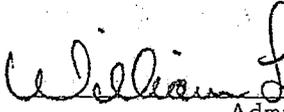
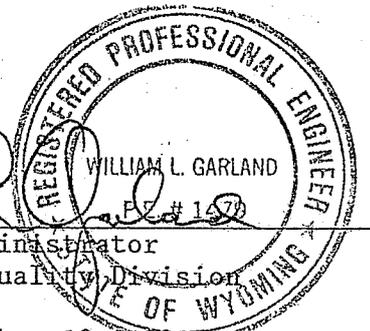
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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 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, 210 Lincoln, Lander, Wyoming 82520; telephone, 332-3144.

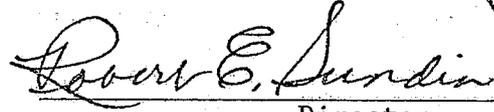
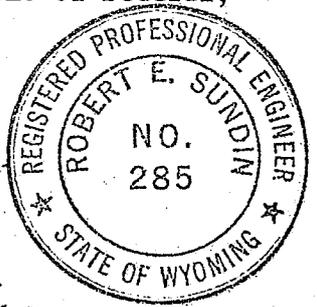
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
PE #1577  
Administrator  
Water Quality Division  
STATE OF WYOMING

November 18, 1981  
Date of Issuance

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

Director  
Dept. of Environmental Quality

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

AB/uc

12-11-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-894

Black Butte Coal Co.  
(Name of Facility)

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

Black Butte Coal Co.

P.O. Box 98

Point of Rocks, WY 82942

to construct, install, or modify a  Holding Ponds Darter #2  facility according to the procedures and conditions of the application No. 81-894. The facility is located in NE 1/4 SE 1/4 Section 20, T18N, R100W 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.

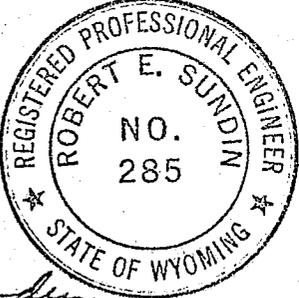
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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  
STATE OF WYOMING  
November 18, 1981  
\_\_\_\_\_  
Date of Issuance

  
*Robert E. Sunden*  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

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

AB/nc

12-11-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-895  
Ref.No. 80-370R

Black Butte Coal Co.  
(Name of Facility)

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

Black Butte Coal Co.

P.O. Box 98

Point of Rocks, WY 82942

to construct, install, or modify a Settling Ponds SP-J1 facility according to the procedures and conditions of the application No. 81-895. The facility is located in NW 1/4 NW 1/4 Section 22, T18N, R100W 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.

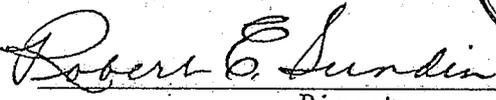
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

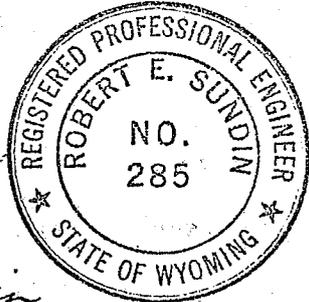
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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  
STATE OF WYOMING  
November 18, 1981  
Date of Issuance

  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality



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

AB/nc

12-11-81

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-896  
Ref.No. 80-370R

Black Butte Coal Co.  
(Name of Facility)

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

Black Butte Coal Co.

P.O. Box 98

Point of Rocks, WY 82942

to construct, install, or modify a Settling Ponds SP-J2 facility according to the procedures and conditions of the application No. 81-896. The facility is located in NE 1/4 SW 1/4 Section 21, T18N, R100W 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.

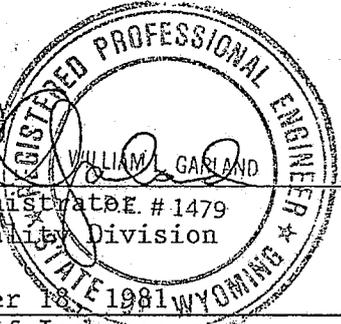
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

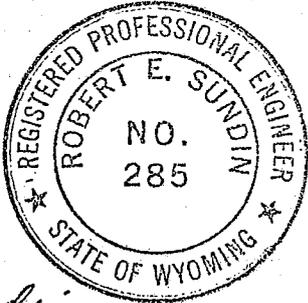
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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*  
Administ. # 1479  
Water Quality Division  
November 18, 1981  
Date of Issuance

  
*Robert E. Sundin*  
Director  
Dept. of Environmental Quality

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

AB/nc

12-11-81

PERMIT TO CONSTRUCT

New

Permit No. 81-897

Renewal

Modified

Black Butte Coal Co.  
(Name of Facility)

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

Black Butte Coal Co.

P.O. Box 98

Point of Rocks, WY 82942

to construct, install, or modify a  Holding Pond ST-1  facility according to the procedures and conditions of the application No.  81-897 . The facility is located in  NW 1/4 SW 1/4 Section 33, T18N, R100W  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.

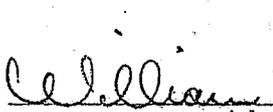
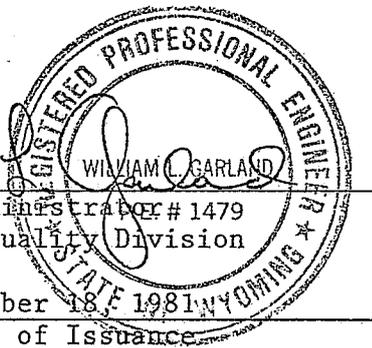
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

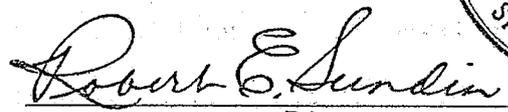
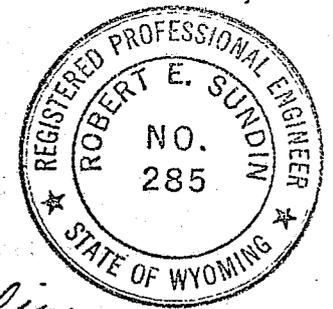
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

  
  
Adminstrator # 1479  
Water Quality Division  
November 18, 1981  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

AB/nc

1-12-82

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-898R

CRC Colorado Well Small Wastewater Facility  
(Name of Facility)

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

CRC Colorado Well Service  
c/o Carlton & Carlton Assoc.  
748 Lombard Street  
Evanston, WY 82930

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

\_\_\_\_\_ facility according to the procedures and conditions of the  
application No. 81-898R. The facility is located in \_\_\_\_\_  
Sec. 18, T16N, R120W

\_\_\_\_\_ in the County of Uinta,

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

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

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

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

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

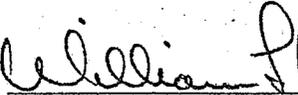
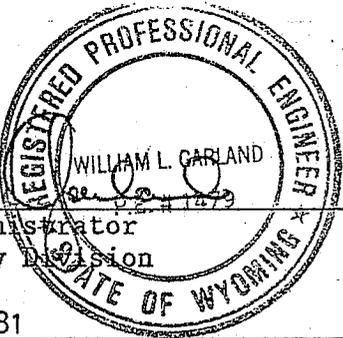
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

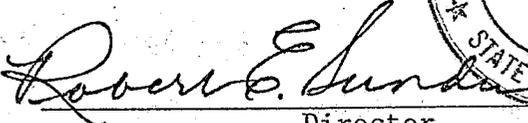
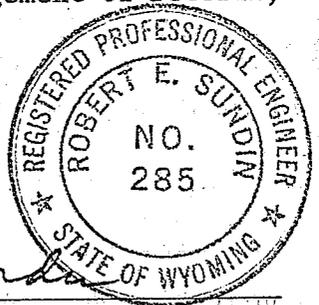
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  


  
Director  
Dept. of Environmental Quality  


December 29, 1981

Date of Issuance

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

FL:ch  
12/30

*Cheyenne*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
210 LINCOLN STREET  
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: CRC COLORADO WELL

ENGINEER: Carlton and Carlton Associates  
748 Lombard Street  
Evanston, WY 82930  
ATTN: Kevin Jones

OWNER: CRC Colorado Well Service  
c/o Carlton & Carlton Associates  
748 Lombard Street  
Evanston, WY 82930                      ATTN: Kevin Jones

WATER QUALITY DIVISION REFERENCE NUMBER: 81-898

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

DATE OF REVIEW: December 8, 1981

ACTION: Not authorized.

COMMENTS: A review of your application has been completed. As per our phone conversation of today, the following points need to be resolved before a "Permit to Construct" can be issued:

1. A cleanout is recommended at the bend in the line from the shop to the septic tank. A cleanout detail is also needed.
2. Please attach a Septic Tank Detail Sheet to the application.
3. Is a public sewer available now, or in the near future?

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

FL:nb  
12/9/81

*A, C*



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

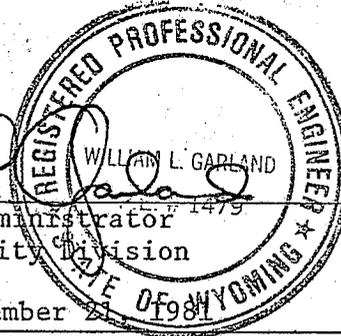
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

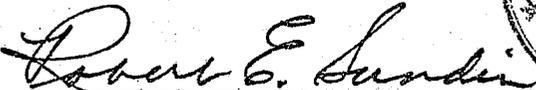
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

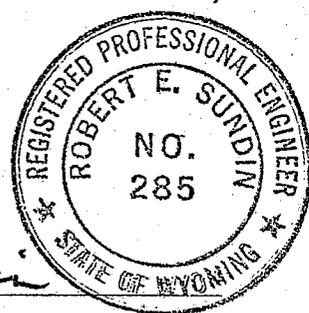
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
December 21, 1981  
Date of Issuance



  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality



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



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 2, 1982

Mr. T. G. Doss,  
District Superintendent  
Amoco Production Co.  
PO Box 17675  
Salt Lake City, UT 84117

RE: Yellow Creek Wastewater Disposal Pond, 81-900

Dear Mr. Doss:

On November 4, 1982 Scheree Wilcox and I inspected the site where the referenced pond was located. Reclamation efforts appeared to be progressing well. We noted that some additional work remained and it was stated that the work would be completed as weather and equipment availability would allow.

At this time your construction permit application will be withdrawn from our records and I will recommend closing the file on our Notice of Violation issued under Docket No. 975-81.

Respectfully,

A handwritten signature in cursive script that reads "Albert J. Berreth".

Albert J. Berreth  
Area III Supervisor

AJB:ch

cc: Cheyenne DEQ/WQD  
File (5)



**Amoco Production Company**

Post Office Box 17675  
Salt Lake City, Utah 84117  
801-272-9253

T. G. Doss  
District Superintendent

October 8, 1982

Mr. Albert J. Berreth  
Department of Environmental Quality  
Water Quality Division  
210 Lincoln  
Lander, Wyoming 82520



File: DSD-1356-986.6

Yellow Creek Wastewater Disposal Pond, No. 81-900 - Uinta County, Wyoming

With reference to our letter of April 23, 1982 and your response of June 30, 1982, please be advised that use of the subject pond has ceased.

At present, all produced water from the Yellow Creek Field and surrounding areas is being transported to our approved water disposal well for subsurface injection. Consequently, the subject pond has been drained, filled and the location leveled and recontoured. Seeding of the site will be performed pending favorable weather conditions.

Please contact Scheree Wilcox of this office at 801-264-2200 to schedule your inspection of the site.

Amoco anticipates that as the site has now been reclaimed and therefore no longer utilized as a wastewater disposal pond, the Notice of Violation issued under Docket No. 975-81 on October 5, 1981 will be rescinded. Your cooperation with regard to this situation has been appreciated.

T.G. Doss  
District Superintendent

*Please withdraw*

SW/



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

June 30, 1982

Mr. T. G. Doss  
Amoco Prod. Co. (USA)  
PO Box 17675  
Salt Lake City, UT 84117

RE: Yellow Creek Wastewater Disposal Pond, #81-900

Dear Mr. Doss:

In reference to your request to allow operation of the Yellow Creek pond until fall, the request is granted. I have been in contact with our ground-water people and they have concurred that operation until September 15, 1982 should not be a problem. At that time, we expect the pond to be reclaimed.

Sometime at the end of September I will be in contact with Amoco to schedule an inspection of the site.

Should problems develop or questions arise, please feel free to contact me.

Respectfully,

A handwritten signature in cursive script that reads "Albert J. Berreth".

Albert J. Berreth  
Area III Supervisor

AJB:ch

cc: Bill Ewen  
File (5)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION  
933 MAIN STREET,  
LANDER, WYOMING 82520

PROJECT: YELLOW CREEK WASTEWATER DISPOSAL POND

OWNER: Amoco Production Co. Att. Martin Zimmerman  
P.O. Box 17675, Salt Lake City, Utah 84117

ARCHITECT OR ENGINEER:

WATER QUALITY DIVISION REFERENCE NUMBER: 81-900

REVIEWING ENGINEER: Al Berreth *ajl*

DATE OF REVIEW: 1-12-82

ACTION: Not Authorized.

COMMENTS: The above referenced pond cannot be accepted as meeting minimum standards without further clarification of several items.

1. The application form needs the portion relating to the engineer completed.
2. What amount of oil and grease is present in the wastewater?
3. Your engineer will need to stamp the as-builts and provide a mass balance calculation of inflow and sources of out flow. An alternate method of disposal needs to be provided for when the pond is full.
4. Depending on the life of the pond, it may be useful to discuss reclamation procedures.
5. Please provide details of the inlet and fencing.
6. Attached is a memo from our groundwater section. All of their concerns need to be addressed.
7. Please let us know when we can expect to hear from you.
8. Please be aware that if it is determined that the pond does not meet minimum standards it will either need to be reclaimed or modified.

AB:d1

cc. Bill Ewen  
Cheyenne DEQ/WQD  
Dennis Farley  
File (5)

Attachment

*ABC*

